

## Leak Survey Report - SED January 26, 2016 Directive PG&E Underground Storage Facilities

Leak Survey Results	PG&E Underground Storage Facilities			Total
	Los Medanos	Pleasant Creek	McDonald Island	
Leaks Identified <sup>1</sup>	23	29	32	84
Storage Well Production Casing Leaks	0	0	0	0
Above Ground - Wellhead Equipment <sup>2</sup>	6	4	8	18
Above Ground - Other	17	25	23	65
Below Ground <sup>3</sup>	0	0	1	1

Leak Repair/Mitigation	PG&E Underground Storage Facilities			Total
	Los Medanos	Pleasant Creek	McDonald Island	
Repaired/Mitigated Leaks <sup>4</sup>	18	18	24	60
Above Ground - Wellhead Equipment <sup>2</sup>	5	3	1	9
Above Ground - Other	13	15	22	50
Below Ground <sup>3</sup>	0	0	1	1
Pending Repair/Mitigation <sup>4</sup>	5	11	8	24
Above Ground - Wellhead Equipment <sup>2</sup>	1	1	7	9
Above Ground - Other	4	10	1	15
Below Ground	0	0	0	0

**Notes:**

<sup>1</sup> Leaks were identified during condition baseline assessments (performed January 15-21, 2016), daily inspections (performed January 22-26, 2016), and the SED Directive Leak Survey (performed January 26- February 1, 2016). All identified leaks were located on fittings, valves, or flanges. No leaks were identified on well production casings or the transmission pipe body and were also not located in close proximity to any buildings intended for human occupancy or found migrating to a confined space.

PG&E shares the SED's focus on the continued safety of PG&E's natural gas system and while PG&E believes these leaks do not pose an immediate threat to public safety, PG&E is committed to addressing them quickly and completely. Additional information regarding the results of the leak survey findings are included below:

- Eight total leaks required prioritized repairs and were isolated and are no longer releasing natural gas. Of the eight leaks, six repairs have been completed and the remaining two repairs are on the wellhead equipment and require third-party vendor assistance.
- 18 total leaks require repair within 18 months and do not require immediate repairs but PG&E has already completed 13 repairs. The remaining five are planned to be completed in accordance with the schedule referenced in the attached letter.
- 58 total leaks require monitoring and do not require immediate repairs, but PG&E has already completed 41 repairs. The remaining 17 are planned to be completed in accordance with the schedule referenced in the attached letter.

<sup>2</sup> Included to distinguish number of leaks on DOT/CPUC regulated components.

<sup>3</sup> The leak identified below ground was on a transmission pipe flange downstream of the wellhead.

<sup>4</sup> Numbers reported represent state of leaks on 02/06/2016.