

Safety Ombudsman – DR #7
Received August 10, 2020
SoCalGas Response Dated October 6, 2020

SoCalGas provides this information in response to the email question from the Aliso Canyon Safety Ombudsman dated August 10, 2020. This information is based upon the best available non-privileged information known at this time and is subject to change and/or supplementation as additional information becomes available.

Data Request #7

Question 1:

Please provide me with the dates on which SoCalGas' fence line methane monitoring system detected any methane emissions since October 14, 2019; please include with the dates the actual emission levels for each of the eight monitoring stations, including those below the threshold reporting level of 25 ppm averaged over 30 minutes.

Response 1:

Please see the attached spreadsheet which includes a summary of the methane detected by the fence line methane monitors above 2 ppm (background level). There was no methane detected in excess of 25ppm averaged over 30 minutes during the time period requested.

See file: *Fence Line Methane Monitor Summary*

Question 2:

Please provide me with the dates on which any of the five area methane monitors (3 on the south side of the Aliso Canyon property and 2 on the north side) registered methane emissions since these monitors were placed into service on August 6, 2019. Please include the actual emission levels for each monitor and for the duration of the emission period.

Response 2:

Please see the attached spreadsheet which includes methane detection data from the five ambient methane monitors since being placed into service on August 6, 2019.

See file: *Ambient Data 2019-2020*

Question 3:

Please provide me with a listing of any well which detected methane emissions from either the wellhead LEL sensor or the adjacent lateral pipeline LEL sensor since the date of installation of these wellsite monitors. Please include the actual LEL readings to the extent those readings are recorded.

Response 3:

Please see the attached spreadsheet which includes a summary of data collected from the wellhead and lateral pipeline LEL sensors. In accordance with SoCalGas' Storage Monitoring Plan (CARB Oil and Gas Rule), SoCalGas utilizes the LEL sensors to detect methane emissions at or above 10,000 ppm. Due to inherent limitations of the sensors, including the impact from

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variations in humidity, detected readings below 10,000 ppm are not considered accurate or representative of actual emissions. LEL sensor readings that meet regulatory thresholds are investigated using handheld gas detection equipment. If a reportable leak is identified, notification is provided to appropriate local and state agencies. To date, SoCalGas has not identified any reportable leaks based on the wellhead and lateral pipeline LEL sensors.

See File: *LEL Readings*

Question 4:

Please provide me with a copy of all material safety data sheets (MSDS) for all chemicals, additives, and materials (both solid and liquid) that were used in making any fluids which were pumped into the SS-25 well during the seven attempts to kill that well between October 23, 2015 and February 11, 2016, and any fluids which were pumped into the P-39A relief well for the purpose of killing the SS-25 well.

Response 4:

The material safety data sheets for SS-25 well control materials were provided to the California Public Utilities Commission and can be accessed via the following link – <ftp://ftp.cpuc.ca.gov/Aliso>. Further, OEHHA evaluated the potential health hazards to nearby residents arising from materials used in well-control activities at the Aliso Canyon Well SS-25 between October 2015 and February 2016. OEHHA’s report can be found at the following link - <https://oehha.ca.gov/media/downloads/air/document/oehhaalisowellcontrol052218.pdf>.