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Ventura Fence-Line Methane Monitoring **Dashboard User Guide** gis.socalgas.com/VenturaFenceline

As part of our ongoing commitment to keeping the Ventura community informed with timely, open and transparent communications, SoCalGas has developed an interactive dashboard to allow public access to methane and weather monitoring data collected at the SoCalGas Ventura Compressor Station (VCS). Please note that the dashboard is intended for desktop mode usage.

Access the dashboard by visiting the Ventura Compressor Station webpage at socalgas.com/Ventura. Click on [Learn More](#) under the **Fence-Line Methane Monitoring Interactive Dashboard** information.

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Ventura Compressor Station

The Ventura Compressor Station currently supplies natural gas for heat, cooking and hot water to over a quarter million customers in Ventura and up and down the Central Coast. It is the only compressor station on the SoCalGas coastal transmission system and is critical to energy reliability and resiliency. The station has been operating safely and reliably since 1923, with the current equipment in place since the 1980s. It is equipped with a series of safety systems that protect our employees, contractors, and the neighboring community. These systems are routinely checked and verified for proper operations. Safety systems include:

- Emergency shutdown system that is designed to depressurize (within three minutes) and isolate the station from all energy sources if fire or methane leaks are detected inside the compressor station.
- Pressure safety valves (relief valves) are installed on all gas-carrying pipes to prevent over-pressurization.
- Methane detection sensors and fire detection systems are installed in the compressor building to closely monitor for methane leaks and sparks.
- Compressor units are also equipped with vibration sensors that will trigger unit shutdown if excessive vibration is detected to prevent mechanical damage.

Additionally, the station is staffed by onsite employees who maintain the station, and the station is monitored 24-hours a day, seven days a week.

[Feedback](#)

Fence-Line Methane Monitoring Interactive Dashboard

As part of our ongoing commitment to keeping the Ventura community informed with timely, open and transparent communications, SoCalGas has developed an interactive dashboard to allow public access to methane and weather monitoring data collected at SoCalGas' Ventura Compressor Station.

[Learn More](#)

On the **Ventura Compressor Station Fence-Line Methane Monitoring System (FLMM)** page, learn more about the system and [Launch the Dashboard](#).

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Ventura Compressor Station Fence-Line Methane Monitoring System

Report a Natural Gas Leak

If you suspect a natural gas leak, evacuate the area immediately and call us from a safe location: [1-800-427-2200](tel:1-800-427-2200).

Call 911 promptly, from a safe location, if there is damage resulting in a natural gas leak that may endanger life, cause bodily harm, cause property damage, and/or if you are unable to contact SoCalGas for any reason.

[Report Now](#)

About the Fence-Line Methane Monitoring System

The methane monitoring system utilizes a laser-based open path technology composed of four sensors strategically located near each of the corners of the facility, or "fence-line." [1] These sensors are being continuously monitored 24 hours a day, seven days a week by SoCalGas Operations staff who oversee the system and respond accordingly as needed. Baseline conditions have been established to determine response levels.

The four monitors installed at Ventura Compressor Station measure the concentration in parts per million (ppm) of methane in the air across all four fence-lines of the facility. Methane readings can potentially be impacted by weather conditions, such as rain, wind, fog and dust, that may interrupt the beam and appear offline by displaying an "O".

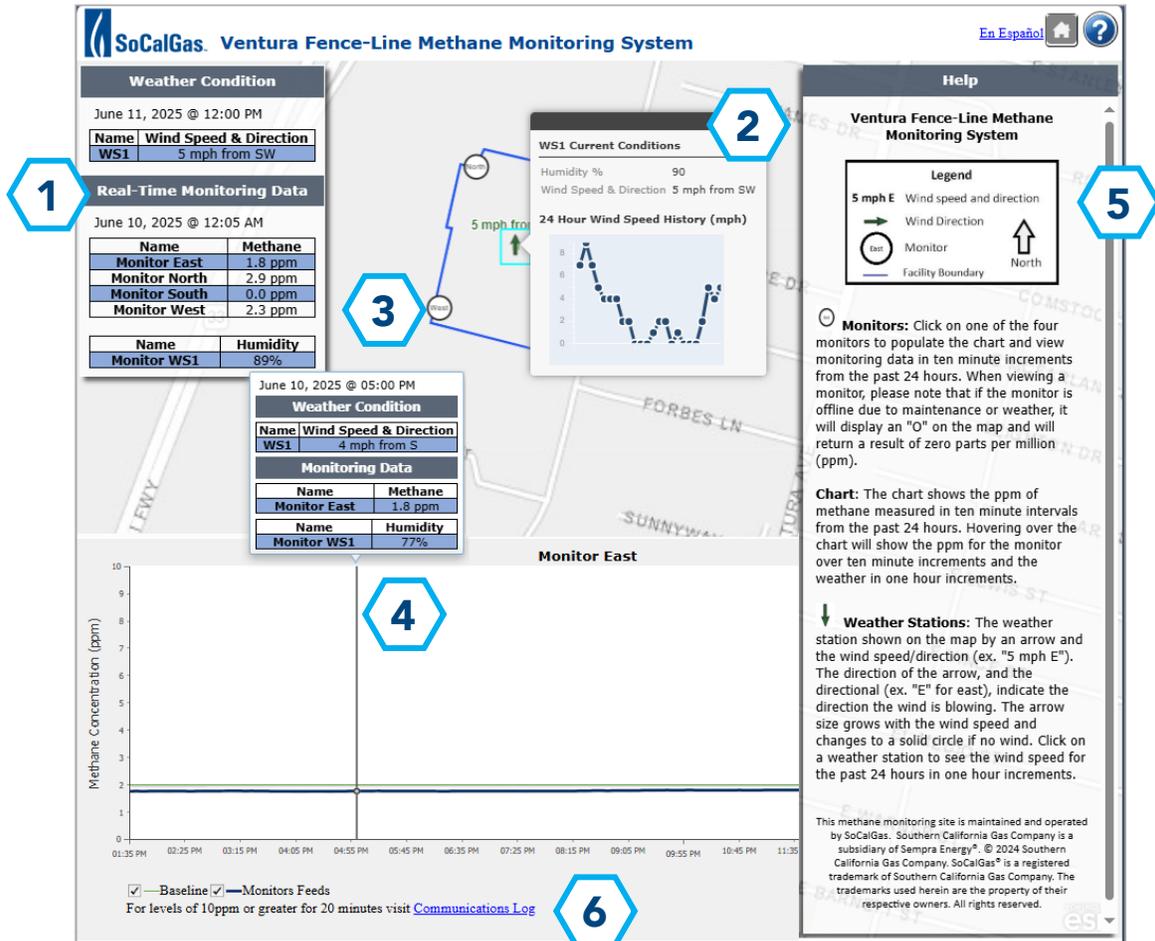
See Frequently Asked Questions for more information on baseline conditions and response thresholds.

Fence-Line Methane Monitoring Interactive Dashboard

As part of our continued commitment to maintain clear and transparent communication with the community, we've developed an interactive dashboard to allow public access of methane monitoring data collected at the Ventura Compressor Station. This interactive dashboard can be used to view the concentration levels of methane being detected in the air at each of the monitoring stations we've placed at the facility.

*The dashboard is intended for desktop mode usage

[Launch Dashboard](#)



- 1 The chart shows the methane levels, humidity, and weather conditions at the VCS.
- 2 Selecting the wind direction arrow shows the humidity, wind speed and direction. These measurements give our technicians a greater understanding of how the weather conditions impact the monitor's readings.
- 3 Four monitors (North, South, East, and West) track methane levels and are updated every five minutes. Click on a monitor to view detailed 24-hour readings.
- 4 The graph displays methane concentration, humidity, and wind conditions. A normal background level of methane detected at the VCS is 2 ppm. For more

- information regarding the background levels, please read the [Frequently Asked Questions on the VCS FLMM webpage](#).
- 5 The guide includes a legend for to the map's symbols and has additional information about the system and dashboard.
- 6 If the monitoring system detects a higher concentration of methane, a recorded entry to the Communications Log will be made and updated after the investigation has been completed. You may click on the Communications Log link at the bottom of the dashboard, or go directly to socalgas.com/commslog.

As part of our ongoing commitment to keeping the Ventura community informed, we invite our neighbors to explore this dashboard. If you have any questions about the Ventura Compressor Station, please contact projectinfo@socalgas.com or call 805-681-7937.