

November 3, 2021

## Installation of New AMMS Delayed

The Orphan Well Association (OWA) has delayed the installation of the long-term Active Methane Management System (AMMS) at the site of the historically abandoned well in the Brennan playground.

The new AMMS unit was originally to be installed this past summer or early fall. However, difficulties obtaining equipment and materials has set the project back a number of months. OWA now hopes to have the new unit in place in spring / summer of 2022.

The temporary AMMS unit is still in place. The purpose of the AMMS is to gather and manage any gas in the subsurface soil. Since the gas in the soil has decreased significantly, the temporary AMMS was turned off in January. The OWA believes it can leave the AMMS shut off on an on-going basis without any health or safety concerns.

The new, long-term AMMS will be installed as a backup measure only. This new, quieter system will have a smaller foot print. It will only be turned on if needed.

The well is still being monitored monthly. This monitoring continues to show reduced methane levels in the soil. The Methane Interception Operation conducted in September 2020 successfully re-directed methane to the wellbore.

Monitoring seems to indicate that the majority of the methane is now traveling up the wellbore and into the vent stack. The new dual stack, installed last November, safely vents the methane into the atmosphere where it quickly dissipates.

It is possible that the small volumes of soil gas being detected by the monitoring is residual gas from before the 2020 Methane Interception Operation. Monthly monitoring will continue to determine if there are seasonal fluctuations in the soil gas detected.



**THANK YOU!** – The OWA wants to thank residents of the Brennan community, and the staff and officials of the Town of Vermilion for their continued cooperation and patience during this project.

**Questions?** – If you have questions about this project; contact Dave Marks, Team Lead – Land, Stakeholder Relations, Support Services, with the OWA (403.297.8555). Or email us at [community@orphanwell.ca](mailto:community@orphanwell.ca).

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