

December 17, 2020

Long-Term Management Program Successes

The Orphan Well Association (OWA) has made progress on its Long-Term Management Program for the historically abandoned well in the Brennan playground.

Phase One of the program, the Methane Interception Operation, was conducted in September. It successfully re-directed methane to come up through the wellbore. Monitoring over the past few months suggests that gas in the soil has decreased significantly.

In order to properly vent the increased methane volumes being directed into the wellbore, a taller vent stack was needed. The new six metre dual vent stack was installed in early November. This improved system is safely venting the methane into the atmosphere where it quickly dissipates.



New dual vent stack within the fenced enclosure

While the methane volumes being vented have increased slightly, they are still very low and pose no threat to public safety. On-going ambient air monitoring has not detected any methane near homes or in the park.

The OWA is closely monitoring both the soil and air for any changes in methane levels. Monitoring will continue for several months to confirm methane is being managed by the venting system.

When crews were on site installing the new vent stack, they also installed hard foam insulation in the building that houses the temporary Active Methane Management System (AMMS). This additional insulation is intended to reduce noise and is in response to requests from the community.

Phase Two of the Long-Term Management Program involves installing a new, more permanent AMMS. This new system will be quieter and have a smaller footprint. The timing for installing the new AMMS unit will be determined in Spring 2021.

THANK YOU! – The OWA wants to thank residents of the Brennan community, and the staff and officials of the Town of Vermilion for their 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.

Stay Up-To-Date –Get the most up-to-date information on the project from our website <http://www.orphanwell.ca/community/>