

May 13, 2021

Progress Continues on Tenwell No. 1

Over the winter, the Orphan Well Association (OWA) continued to make progress on its Long-Term Management Program for Tenwell No. 1. This program was designed to manage methane emissions from the historically abandoned well in the Brennan playground.

The Methane Interception Operation conducted in September successfully re-directed methane to the wellbore. As a result, monitoring shows gas in the soil near the well has decreased significantly.

The well site also has an Active Methane Management System (AMMS). The purpose of the AMMS is to gather and manage the gas in the soil immediately surrounding the well. This is done with a vacuum unit connected to some piping that draws the gas from the soil.

For the last few months, the OWA has been running a trial with the AMMS unit shut off. Because of the decreased gas in the soil, there were no safety concerns with turning off the AMMS on a trial basis. The AMMS was turned off in January. Early results of this trial are very positive and show soil gas volumes remain very low and dissipate quickly within a meter of the well.

The majority of the small amount of methane in the soil has been successfully diverted to the vent stack from the wellbore. Continued monitoring shows only very low levels of gas remain in the soil.

The OWA believes it can leave the AMMS shut off on an on-going basis without any health or safety concerns. However, an AMMS will be kept on site as a backup measure. Should conditions around the well change, the AMMS can easily be turned back on.

The OWA is proceeding with design and engineering details for a new long-term AMMS unit, even though it may only be needed as a back-up. This new, quieter system will have a smaller foot print. It will only be turned on if needed.

The OWA is working with the Town of Vermilion on the design of the structure for the new AMMS. There will also be a new smaller fenced enclosure around the well and landscaping for the area. The OWA wants the building and fencing to fit in with the park and playground.



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