



May 2022

New AMMS To Be Installed This Month

The Orphan Well Association (OWA) is moving ahead with the installation of the long-term Active Methane Management System (AMMS) at the site of the historically abandoned well in the Brennan playground. Work on the system is scheduled to begin **May 25, 2022**.

The new long-term AMMS unit will replace the temporary unit that has been in place since June 2019. The purpose of the AMMS is to gather and manage any small volumes of gas in the subsurface soil next to the wellbore. This new, quieter system will have a smaller foot print. It will only be turned on if needed, as almost all gas is coming up through the wellbore.

Installation of the new AMMS will take about two and a half weeks. A tentative schedule is as follows:

Days 1 & 2	<ul style="list-style-type: none"> • Prepare site, install construction fencing & move in equipment • Set up site monitoring & traffic control for deliveries
Days 3 & 4	<ul style="list-style-type: none"> • Shut-in wellhead • Install temporary vent stack • Remove temporary AMMS building & equipment
Days 5 - 7	<ul style="list-style-type: none"> • Gravel delivery & trenching to put piping underground • Install piping & backfill trenches
Days 7 - 16	<ul style="list-style-type: none"> • Move in & install new building • Move in, connect & test AMMS system
Days 17 & 18	<ul style="list-style-type: none"> • Install additional equipment • Connect wellhead to permanent vent stack
Day 19	<ul style="list-style-type: none"> • Install permanent fence • Clean up site

OWA is working with its subcontractors to reduce the impacts of the operations. Work on the site will be restricted to between 8 am and 5 pm daily. There will be some noise from operations, particularly on day 5. The noise will be similar to that for new home construction.

Traffic and parking in area may be controlled when equipment is being moved in and out. All equipment moves will be timed to avoid school bus times. The number of crew vehicles on site will be limited.

A temporary security fence will be installed around the construction site. This will not affect the playground, which can stay open during the operations.

The OWA and the Town of Vermilion are looking at ways to make the building that will house the AMMS and fencing fit in with the area. The permanent fence will be a vinyl-type residential fence. Discussions are underway with the Town regarding the final exterior finish.

The new, long-term AMMS will be installed as a backup measure only. The gas in the soil has decreased significantly as a result of the methane interception operations in the fall of 2020. The OWA believes it can leave the AMMS shut off on an on-going basis without any health or safety concerns.

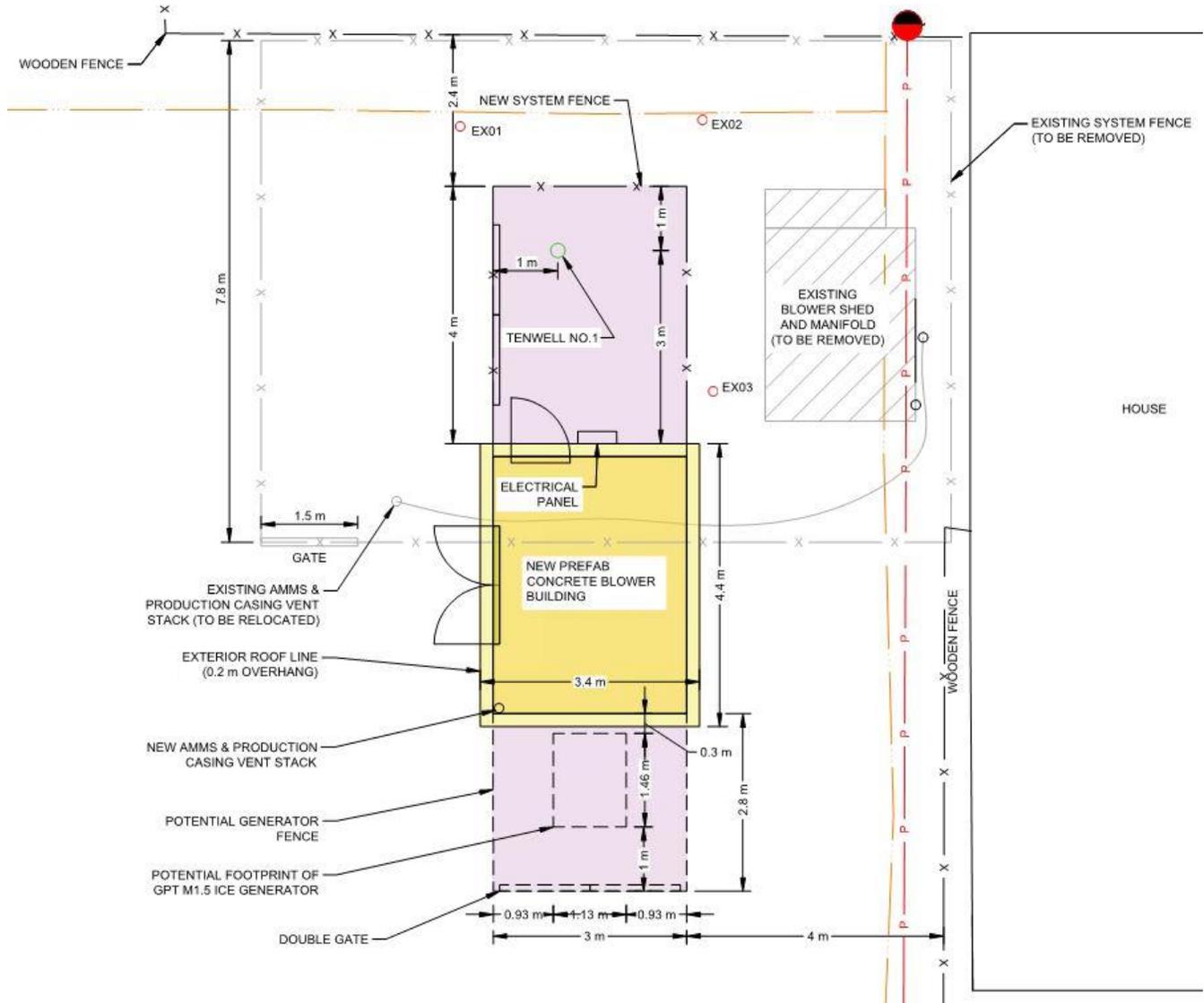
The OWA is investigating eventually including a generator as part of the long-term AMMS. The generator would be powered by the gas from the well that is currently being vented. The generator should be able to produce enough electricity to run all the equipment on site. Any additional power would go back into the grid. This would reduce the amount of gas being vented and the amount of electricity used by the site.

The generator would be located outside of the building. However, the sound from the generator would not exceed 54 decibels. This is equal to a quiet dishwasher.

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, Manager – 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/>



Proposed site layout