CONCLUSION:

We believe that based on the laboratory analysis, coupled with the flow testing completed in the field on Sunday 8/17/2025, that we have outlined a reasonable approach for conducting exploratory excavation in the "hot spot" area highlighted below in blue to identify the point source of the methane gas making its way to the surface.



WDF will be on hand to directly supervise the exploratory excavation activities. If it is determined that the point source of the methane leaking is the result of a failed geothermal well, WDF will be prepared to take action to set a 5 ½" steel casing pipe to be cemented in place with a valve and flaring system installed to safely destroy methane emissions until the well can be shut in and a plan and permit can be submitted to the Missouri Department of Natural Resources and the well can be properly plugged and abandoned.

If the point source is determined to be the result of an abandoned gas well, WDF will be prepared to make up to the well and connect a flaring system to safely destroy the methane emissions until a well plugging and abandonment plan can be submitted to the Missouri Department of Natural Resources for approval.

WDF will make recommendations to the Raytown School District for indoor and outdoor methane monitoring & alarm equipment to keep students and staff safe while WDF is working on the leaking methane, and after the work is completed.

Thanks to the swift action taken by the Raytown School District delaying student and staff occupancy at South High, this matter can be safely resolved and a permanent solution executed to maintain safety for all going forward.