

# Bulletin 2023-28

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## PAS File Changes for Brine-Hosted Minerals

Requirement 79 of [Directive 090: Brine-Hosted Mineral Resource Development](#) requires licensees to submit to the AER within 90 days of drilling completion an analysis of the chemical composition and physical properties of the mineral brine from all wells, including the following:

- a routine water analysis that includes major ions, total dissolved solids, pH, H<sub>2</sub>S, resistivity, conductivity, density
- a trace element analysis for barium, boron, bromine, iodine, lithium, manganese, silicon, strontium, titanium, uranium, vanadium, and zinc and the results for any other trace elements analyzed

We have updated the Digital Data Submission (DDS) system to enable the collection of this new data in the pressure ASCII standard (PAS) file. The updated PAS file specifications are available on our website, [aer.ca](#) > Providing Information > Data and Reports > Activity and Data > [Well Testing Schedules](#).

Contact [WellTest-Helpline@aer.ca](mailto:WellTest-Helpline@aer.ca) for questions regarding well-test submissions.