

Context

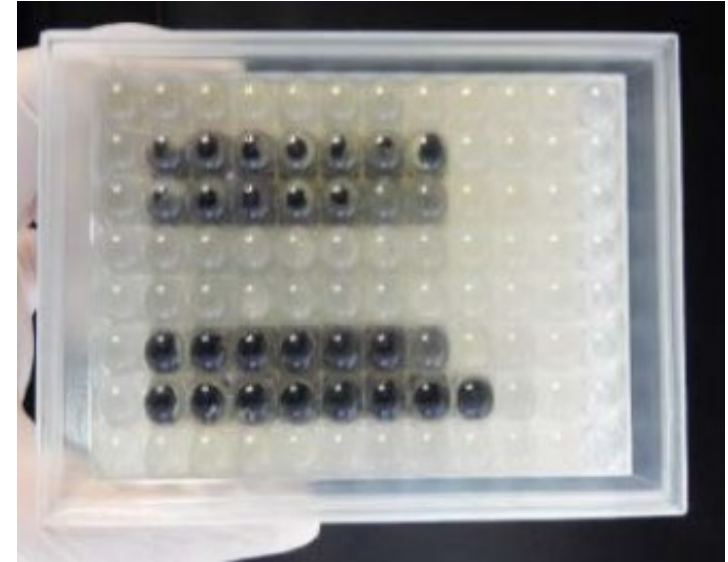
Some bacterial colonies present in underground storage must be inhibited to avoid degradation of the stored product, corrosion problems and alteration of the permeability of the rock. There are many different biocides on the market, some of which are ineffective, polluting and/or likely to cause adverse effects on the integrity and/or operation of the storage

Approach

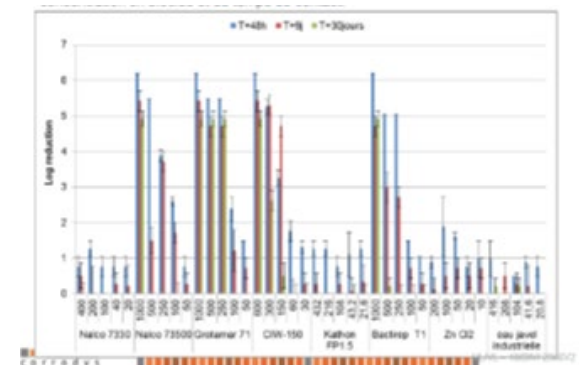
- Sampling bacteria in storage under operation
- Cultivation of the collected bacterial colonies
- Efficacy trials of different biocides at different concentrations and injection frequencies

Benefits

- Identification of bacteria presenting a danger for the storage.
- Selection of biocide treatments with a favorable benefit/risk ratio.
- Development of a protocol adaptable for the different conditions encountered in underground storages.
- New service offer



Test Microplates



Comparative results of the efficacy of biocides