



OESG

16—Treatment of residual Flowback

Features

Even with some on-site reuse of flowback, it is inevitable that there will be some that always requires removal from site and suitable treatment for disposal. The most common method sees flowback subjected to a widely used chemical treatment and physical filtration process that removes most of the heavy metals and any Naturally Occurring Radioactive Material (NORM) that might be present. This produces a liquid for further treatment in the sewage system and a solid filtercake that can be safely disposed of to landfill.

Advantages

Flowback treatment like this provides a robust, tried-and-tested method of safely and effectively dealing with wastewater arising in hydraulic fracturing operations, at appropriately permitted waste treatment facilities with all the necessary credentials.

Benefits

The treatment used for flowback reduces the risk of heavy metals and NORM entering the water environment, whilst enabling treated wastewater to be returned to the natural environment to once again become part of the water cycle.

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