



OCS DIOX™ PLUS Sludge and Effluent Additive SCOTTISH WATER, SELKIRK S.T.W.

The OCS range is extensive and includes:

- Dry Chemical Filter Scrubbers Carbon Filters
- Vent Stack Odour Filters Filtration Units
- Manhole Odour Filters
- G.R.P. Covers for Odour Control
- Wet Chemical Scrubbers & Scrubbing Chemicals
- Additives & Dosing Systems
- Spray Atomisation Systems & Chemicals
- Odour Evaluation Surveys & Reports
- Emergency Treatment & Systems for Hire

Problem

Hydrogen Sulphide and odour from sludge dewatering causing health and safety concerns to operators within the room and odour nuisance to neighbouring community linked with this operation. Pumping return of odorous press liquors and transportation and tipping of sludge cake. Also, excessive corrosion within the plant

Application

Treatment of sludge containing up to 100ppm Hydrogen Sulphide and other odorous contaminants

Application

Dosing of DIOX™ PLUS solution into sludge during feeding into the presses

Benefits

- Strict control of H₂S within press room alleviating health and safety concerns (100ppm down to 0ppm)
- Control of nuisance complaints related to the dewatering process, return filtrate liquors and sludge cake handling
- Excellent corrosion control due to no sulphide

Dosing Rate

100-300ppm DIOX™ PLUS concentrate depending on time of year and condition of sludges

preserving the environment