

THE SEPS SYSTEM

The SEPS three phase processing system combines established separation principles i.e. temperature enhanced hydrocyclonic effect, steam stripping, progressive sedimentation, filtration and drying under vacuum, to recover clean and dry oil from hazardous hydrocarbon waste, releasing water suitable for discharge to drain, without further treatment, and producing a dry friable sediment containing no leachable hydrocarbon and suitable for landfill, land farm, or mixed to make roadbase. The SEPS system can be made to process any mixture which can be made pumpable and where there is an inherent gravitational difference between the component. For example storage tank sludge, lagooned waste, oil spills on land or at sea, solvent rich industrial waste, sewage sludge etc, etc. Safety features include an interlocked air operated valve system, explosion proofed power units, Zone 1 electrics and totally enclosed gas condensation system. Traditionally this type of separation has involved the use of high speed rotating equipment, prone to mechanical breakdown and extremely hazardous in a gaseous environment. The SEPS system is available for purchase as a static or mobile unit to meet your daily waste process needs, or as a contracted service for specific situations.



Articulated Trailer

Heavy duty 14.2m trailer , complete with ABS brakes, Air suspension fitted with a raise-lower valve, telescopic outriggers, double acting rams (for raising-lowering the SEPS)

Pumps

- 2-off Mono type pumps c/w variable speed gearboxes and flameproof motors
- 1-off Mono type pump c/w a fixed speed gearbox and flameproof motor
- 1-off Two stage liquid ring vacuum pump c/w flameproof motor

Ancillary items include:-

Water level indicators | Sediment level gauges | Temperature control system | Temperature gauges | Pressure gauges | Plate condenser | Air compressor c/w flameproof motor | flameproof pressure switch | anti-static V belt

For further information contact:

a Rutland Street, Ilkeston,
Derbyshire, DE7 8DG, UK
t +44(0)115 9443994

w tankfarmservices.co.uk
tankfarmservices.com
e tank.farm@btinternet.com

