NEOSEP is a proprietary blend of bentonite clay, polymers and pH reducing acids is designed for treatment of concrete slurry. Results are dramatic as solids quickly separate and condense on the bottom, leaving clean water for reuse or compliant discharge.

Features and Benefits

- Replaces high collection, handling, hauling and disposal costs
- Protects from environmental fines
- Rapid separation of suspended concrete solids in water allowing recycling of water or compliant disposal.

How it Works

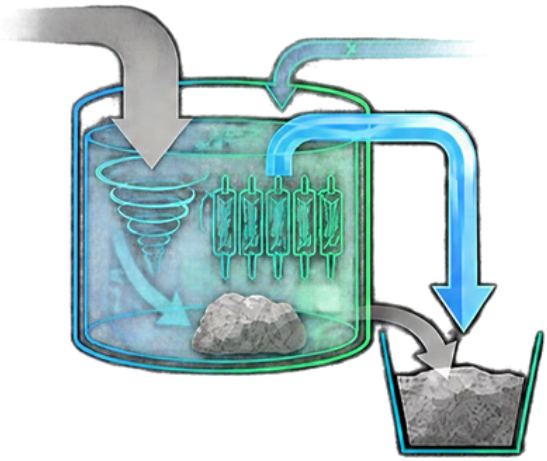
1 ▶ Chemical components of the NeoSep adjust the pH of the water which enhances the precipitation of metals and breaks oil emulsions.
2 ▶ Bentonite clay particles attract and encapsulate precipitated metallic ions.
3 ▶ The polymeric portion of the formulation attracts remaining oils and suspended solids and forms a floc, which settles to the bottom of the treatment vessel.
4 ▶ The bentonite clay and polymer work together to create a strong filterable floc, which will encapsulate and contain heavy metals while allowing the floc to readily release water resulting in a condensed thickened sludge-like material.
5 ▶ The entire process is completed in just a few minutes, resulting
in clear water that can be discharged directly to a POTW or recycled.
6 ▶ The remaining sludge and its encapsulated contaminates are highly resistant to leaching and is prepared to be solidified for compliant land disposal.

Technical Specifications

Formulation	Particle Type	Bulk Density (lbs./ft³)	pH (1% dispersion)
NeoSep-SF3	Granular	65 + 2	2.5 - 4.0

Important Notice
All waste water may not be compliant for land fiII disposal even after treatment methods due to hazardous levels of non-allowed contaminates.

Our laboratories can provide an analysis of sample wastewater taken from a project to determine levels of contaminates and design suggestion for compliant disposal if applicable.



You may add NEODRY to the remaining thickened sludge material to dehydrate the moisture and creating a safe material for standard disposal that meets the requirements for the EPA 9095B Paint Filter Test for adequate moisture levels. NeoDry main ingredient is EPA compliant as an acceptable non-biodegradable sorbent. NeoDry adds further encapsulation of contaminants and is highly resistant to leaching providing a cost effective method of safe disposal.

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