

Removing Water Contaminants for a Cleaner Tomorrow

www.amfsfiltration.com



ADVANCED MOBILE FILTRATION

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UID: NFQ4E4H1KHN4 CAGE: 8RVH1

DUNS: 117500161

NAICS: 562910, 221310, 562998

SBA HUBZone Certified



PROVEN RESULTS

We were fortunate to have AMFS quickly mobilize their filtration equipment to the site as winter conditions were imminent and it was imperative. The AMFS team exceeded our expectations and work activities were completed professionally and ahead of schedule all while dealing with extremely challenging conditions.

We recommend AMFS to anyone who is looking for a solution to water contamination mitigation.

Kirk L. Kapfhammer, P.G. Principal, Endpoint Solutions

The AMFS mobile filtration unit can be fitted with micro, ultra, nano, or reverse osmosis (RO) filters to deal with the largest of problems and the smallest of particles.

A partial list of the types of fluids that AMFS can filter:



Acid Mine Drainage AFFF PFOS PFAS Algae Dewatering

Ammonia Ammonium Nitrate

Arsenic

Beet Juice Clarification

Bilge Water Biogas Effluent Black Liquor Boiler Feed Water

Boron Bottled Water

Box Plant Effluent

Bromide BTEX Calcium

Calcium Carbonate Catalyst Recovery Calcium Sulfate

Catalytic Converter Coating Cheese Whey Effluent Chemical Processing Chlorinated Solvent Coal Ash Ponds Coal Mine Runoff Coal Seam Gas Wastewater

Cobalt

Colloidal Silica Concentration Concentration Carbon Black Concentration Catalyst Concentration Titanium Coolant Recovery

Cooling Pond Water Cooling Tower Blowdown

DEA Recovery Deicing Fluids Desalter Effluent Diafiltration

Dioxide Wash Water Zeolite Disposal Well Injection Water Distillery Effluent (Vinasse) **Drilling Fluid Recycling**

Drinking Water Ethanol Stillage

Flue Gas Scrubber Effluent

Fluoride Frac Water

Fuel Storage Tank Water

Grease

Groundwater Remediation Groundwater/Well Water Hardboard Squeezings Heavy Coker Gas Oil Herbicide/Pesticide

Iron

Ion Exchange Regen Water Iron Oxide Concentration

Landfill Leachate Latex Wastewater Laundry Wastewater

Lead Lithium LPG Caustic Wash Water

Magnesium Manufacturing Manure

Medium Density Fiberboard Metal Hydroxide Filtration Metal Plating Wastewater

Microcystins Mining Molybdenum Motor Pool Oil

Nickel Mine Sulfate Removal

Nitrogen

Olive Oil Filtration

Olive Processing Wastewater Orange Juice Clarification Palm Oil Mill Effluent (POME)

PCB

Paper Coating Recycling Petroleum and Biofuels Phenol Wastewater

Phosphate

Phosphate Mine Wastewater Phosphoric Acid Purification Pigment Concentration

Polymer Diafiltration Produced Water PTFE Wastewater Pulp and Paper **PVA** Concentration **PVC Latex Concentration** Radioactive Wastewater Recovery Oily Wastewater

Refinery End of Pipe

Removal

Rendering Wastewater

River Water Purification

RO Reiect

Sandfilter Backwash

Selenium

Silicon Grinder Wastewater Slaughterhouse Wastewater

Slop Oil

Sodium Sulfate Concentration

Starch Wastewater Stripped Sour Water Sugar Water Clarification Tailings Pond Water Tank Bottoms

Tannery Effluent Tea Concentration Textile Dye Wastewater Titanium Dioxide Ultrapure Water

Washing

Waste Oil Recycling

Wastewater

Wastewater Metals Wastewater Selenium Water, Food, and Beverage

Viruses Whitewater Winery Wastewater Wool Scouring

Yeast Manufacturing

and more...

FAST: AMFS can mobilize and demobilize quickly; positioning our mobile filtration trailers at any site within the United States within 72 hours.

POWERFUL: Our system can handle up to 50% solid volumes and is able to filter up to 420,000 gallons per day, depending on the makeup.

CLEAN: Flocculants, coagulants or other chemicals are not required to prepare the contaminated waste stream; and there's no need to polish the effluent after filtration.

FILTRATION: The AMFS mobile unit is powered by 480 3-phase electric or a portable generator and uses an average of only 0.27 kWh per gallon of processed fluid.

RESULTS: A 2-phase fluid separation process that generates 90% near potable to potable water and yields a contaminant concentrate of 10% +/- of the total volume.

Our 53' fully insulated and enclosed trailers can operate in remote areas and in the harshest of conditions.

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