

**ENGINEERING FLUID SOLUTIONS** Cost Saving Equipment & Strategies in Fluids Management

Cost Saving Equipment & Strategies in Fluids Management Industrial + Municipal + Commercial



**ENGINEERING FLUID SOLUTIONS**<sup>®</sup> (**EFS**<sup>®</sup>) is a multi-disciplinary process engineering company providing technical services and equipment to industry, municipalities, and commercial businesses. **EFS** offers a wide range of project management services from initial evaluation through equipment installation and startup. Under sound risk assessment strategies, **EFS** designs and implements customized processes, advanced technologies, and innovative equipment in filtration, separation, clarification and treatment that address your process needs.

Using authenticated designs, *EFS* improves operational efficiency and reduces maintenance costs in fluid handling and treatment—*SAVING TIME, MONEY & RESOURCES*. Your bottom line expense is reduced, while your product quality is improved.

**EFS** provides consulting services in physical, chemical, and biological treatment of water and wastewaters covering a wide range of industries and applications. Projects typically follow a design-build sequence and are managed under design criteria and client-driven performance specifications.

PROJECT MANAGEMENT		
<ul> <li>Evaluation &amp; analysis</li> <li>Consulting engineering</li> <li>Contracting &amp; specifications</li> <li>Design engineering</li> <li>Permitting</li> </ul>	<ul> <li>Equipment leasing</li> <li>Pilot trials &amp; testing</li> <li>Custom fabrication</li> <li>Selection &amp; procurement</li> <li>Equipment integration</li> </ul>	<ul> <li>Shipping &amp; handling</li> <li>Installation &amp; startup</li> <li>Final testing &amp; verification</li> <li>System validation</li> <li>Training &amp; documentation</li> </ul>
SYSTEM ATTRIBUTES		
<ul> <li>Eliminating consumable media</li> <li>Increasing product throughput</li> <li>Superior quality</li> <li>High efficiency</li> <li>Improving operations</li> <li>High return-on-investment</li> </ul>	<ul> <li>Reducing maintenance costs</li> <li>Adaptable &amp; scalable designs</li> <li>Minimizing moving parts</li> <li>No specialty tools</li> <li>High capacity to footprint ratio</li> <li>Ruggedized equipment</li> </ul>	<ul> <li>Automation &amp; optimization</li> <li>Complementary designs</li> <li>Multi-functional features</li> <li>Conservation &amp; sustainability</li> <li>Environmental protection</li> <li>Pollution prevention</li> </ul>

IMPROVED PRODUCT QUALITY AT A MUCH LOWER COST STOP MAINTAINING & START OPERATING

## INVEST IN LOWER COSTS SAVING TIME, MONEY & RESOURCES

### **APPLICATIONS:**

Industrial Manufacturing Remanufacturing Cooling tower filters Air scrubber separators Municipal water & waste Food & beverage Agricultural irrigation Aquaculture Animal feeding ops Intakes & diversions Golf course irrigation Oilfield services

## TREATMENT:

Water & wastewater Process engineering Automation & optimization System balancing Filtration & separation Water & solid reclamation Conservation & reuse Environmental protection Pollution engineering Physical, chemical & biological

# AT EFS THE JOB IS DONE WHEN YOUR PROBLEM IS SOLVED



## **COST SAVINGS:**

Reduced operation costs Reduced maintenance Higher throughput Improved product quality Process optimization No consumable media Reduced energy use Reduced disposal costs Minimized inventory Lower consumption Reduced opportunity costs Reduced chemical usage

## **EQUIPMENT:**

Automatic filtration Liquid-solid separation Dewatering Clarification Heavy metal extraction Wedge-wire screening Intake diversions Customized systems New & retrofits Leasing options Demos & trial testing

Cost Saving Equipment & Strategies

Engineering Fluid Solutions<sup>®</sup>

AIR, WATER & WASTE FILTRATION

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Contact ENGINEERING FLUID SOLUTIONS<sup>®</sup> for Your Single-Source Process Solutions

DESIGN-BUILD & INSTALL

ON-SITE PROJECT MANAGEMENT

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