World water works.com
Solutions for Process and Wastewater Treatment

www/DAF PILOT TREATABILITY SYSTEM

INTRODUCTION

A pilot treatability study allows the customer to understand the type and quality of the equipment proposed. It aids in the understanding in the operation of this equipment (although pilot operations are never as automated as full-scale systems). World Water Works gains valuable knowledge of the water process stream to be treated and can modify design recommendations based upon the results of the pilot treatability study.

COMPONENTS

- www/RESOURCE Dissolved Air Flotation (DAF) System
- *Flowrate:* 60 gpm
- Coagulant feed pump
- Flocculant batch tank and feed system
- Influent feed pump
- Sludge transfer pump
- Transfer hose

REQUIREMENTS

- *Offloading:* A 2000 pound or greater fork lift
- *Electrical:* 480V, 3 phase, 20 amps
  OR 240V, 3 phase, 40 amps
  AND 120V, 20 amps
- *Air:* 10 cfm @ 80 psi supplied in at least 3/8" line.
- *Water for Treatment:* A consistent supply of 60 gpm of process water at no more than 170*F.
- *Freshwater:* Hose for washdown and chemical batches
- *Space:* Two (2) pieces: DAF vessel, Platform/Pump Skid
  Overall Dimension: Approx. 72"w x 117"l x 89"h
  Weight: Shipping: ~3000 pounds, *Operational:* ~9000 pounds
- *Testing:* World Water Works recommends that an outside lab be used for testing purposes.

SERVICE

World Water Works will supply a technician to operate the system and conduct field analysis of the influent and effluent to the system. Process variables will be observed and noted to determine the overall treatment needs and costs. A detailed report will be generated from the pilot testing.

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