

## Automated Waste Water Treatment System

SPF Waste Water Treatment Systems are designed and built to treat and neutralize your process effluents?. Providing cost effective waste treatment is our goal.

The process chemistries are evaluated and a treatment plan is formulated to take advantage of mixed pH levels in the process chemistries. High and low pH process chemistries are mixed in the dilution tank to reduce the cost of treatment chemicals.

Our waste treatment systems provide pH tracking and treatment of the effluent from the process tank to the waste drain discharge. Chart recorders track the pH level of waste water going to municipal waste treatment facilities. These records provide accountability of compliance to state and local requirements.

Single level production areas are no problem; Specialty Plastic's pump lift stations can be connected to the chemical process tools at floor level and the effluent is pumped to the waste treatment system. Custom piping and chemical containment are our specialty.

Specialty Plastics and Fabrication treatment systems are designed specific to your waste treatment needs. This provides you with a system that is reliable, efficient and cost effective.



### Features:

- 200 gallon Tanks
- Liquid Level Sensors
- Liquid Lift Station
- pH Level Sensors
- Mixer
- Metering Pump
- Diaphragm Pump

### System Specifications:

- 2 Mixing Tanks
  - 200 gallons
  - Material: Natural Polypro (NPP)  
High-density polyethylene (HDPE)  
Polyvinylidene fluoride (PVDF)
- Liquid Lift Station
  - Volume Capacity: 30 gallons
  - Material: White polypro
- Pumps
  - 2 Yamada Diaphragm Pumps: 15 GPM
  - 2 LMI Metering Pumps: 2 GPH
  - 1 Penguin Single Phase Pump
- 2 JL Wingert Mixing Motors
- Turk Liquid Level Sensors
- George Fisher pH Level Sensors
- Piping/Fitting Material:
  - Black polypro (BPP)
  - Polyvinylchloride ( PVC)
  - Chlorinated polyvinyl chloride (CPVC)
- Overall Dimensions
  - Length: 77.57"
  - Width: 40.65"
  - Height: 82.46"