ECOLOGIX ITS-450 (E-510) System Specifications:

1. SHIPPING WT: 6800 lbs (approx.)
2. OPERATING WT: 25000 lbs (approx.)

3. DESIGN PARAMETERS:
   - DAF Design Flow Rate: 462 GPM / 15,840 BPD
   - Loading Rate: 0.64 gpm/ sq. ft. of projected area
   - Maximum TSS @ Designed Flow Rate: 1440 mg/l
   - Projected Surface Area: 722 sq. ft.

4. MATERIAL OF CONSTRUCTION:
   - All wetted metal materials to be SS 304 / SS 316
   - All non-wetted metal materials to be SS 304
   - All flanges to be ANSI 150#/ ANSI flanges ASTM A-182 - ANSI B16.5
   - All metal piping to be Sch 10 - pipe SS 304 / SS 316
   - All non-metal piping materials to be PVC Sch80
   - All Structure Beams to be Rectangular Tubing 3" x 2" x 11 ga SS 304
   - All anchor material to be 1/2" SS 304
   - Flight Material of Construction: SS 304/ Buna or EPDM Rubber
   - Tube Settlers Material of Construction:: Polypropylene

5. SAFETY AND HEALTH:
   - All moving parts are inaccessible, as required by OSHA
   - All electric power elements are in accordance with OSHA regulations

6. COATING:
   - All stainless steel parts are sandblasted
   - All A-36 ASTM Carbon Steel parts to be power coated with Performance Polymer Alloy Coating Plastcoat PPA 571 ES

7. WELDING:
   - All welds to conform to AWS applicable specification(s)
   - Welding equipment/ supplies for sheet metal and structural elements: Wired MIG machine or TIG
   - Welding equipment/ supplies for piping and fittings: TIG or MIG

8. EQUIPMENT INFORMATION:
   - See Table
   - For additional information, please visit www.ecologixsystems.com

Note:
To convert E-515 to ITS-450,
- Influent Pump: TBD
- Effluent Pump: TBD