ECOLOGIX ITS-700 (E-DAF 515)

ITS-700 System Specifications:
1. SHIPPING WT: 7800 lbs (approx.)
2. OPERATING WT: 29000 lbs (approx.)
3. DESIGN PARAMETERS:
   - DAF Design Flow Rate: 695 GPM / 23828 BPD
   - Loading Rate: 0.64 gpm/ sq. ft. of projected area
   - Maximum TSS @ Designed Flow Rate: 1440 mg/ l
   - Projected Surface Area: 1085 sq. ft.
4. MATERIAL OF CONSTRUCTION:
   - All wetted metal materials to be SS 304
   - 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
   - All non-metal piping materials to be PVC Sch80
   - All Structure Beams to be Rectangular Tubing 3" x 2" x 11 ga 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 equipments/ supplies for sheet metal and structural elements:
     - Wirefed MIG machine or TIG where applicable
   - Welding equipments/ supplies for piping and fittings: TIG or MIG

Notes:
- Influent Pump: TBD
- Effluent Pump: TBD
- Floccitubes Size: TBD
For additional information, visit www.ecologixsystems.com

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Brand</th>
<th>Power</th>
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</thead>
<tbody>
<tr>
<td>Scraper Motor</td>
<td>SEW</td>
<td>1/2 hp</td>
</tr>
<tr>
<td>Whitewater Pump</td>
<td>PIONEER</td>
<td>30 hp</td>
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<tr>
<td>Sludge Pump</td>
<td>BORGER</td>
<td>2 hp</td>
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