Skenderaj Wastewater Treatment Plant

**Location**
Skenderaj / KOSOVO

**Client**
European Agency for Reconstruction

**Contractor**
MASS - DYWIDAG
BASYAZICIOGLU
Joint Venture

**Completion Date**
2007

**Contract Value**
2008

**Financial Resource**
European Agency

**Scope**
Operation of the plant.

**Scope:**
Maintenance-repair and operation services of described wastewater treatment plant for 12 months.

**Plant Description:**

**Pre-Treatment**
- Screening
- Grit & Grease Removal
- Primary Sedimentation

**Biological Treatment**
- Trickling Filter
- Secondary Sedimentation

**Sludge Treatment**
- Sludge Thickening
- Sludge Dewatering with Drying Beds

**Capacity**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Influent</th>
<th>Effluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD₅ (mg/lt)</td>
<td>295</td>
<td>25</td>
</tr>
<tr>
<td>COD (mg/lt)</td>
<td>590</td>
<td>125</td>
</tr>
<tr>
<td>TSS (mg/lt)</td>
<td>350</td>
<td>35</td>
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</tbody>
</table>

**Flow**
1,630 m³/day

**Population Equivalent**
9,000 PE