Operation and Maintenance of Iskenderun Wastewater Treatment Plant

**Scope:**
Maintenance-repair and operation services of described wastewater treatment plant for 12 months including operational personnel and maintenance staff, disposal of screening and sludge, supply of chemicals, maintenance of electrical and automation system and pumping station and energy supply of the plant.

**Plant Description:**

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

**Biological Treatment**
- Aeration Tanks
- Secondary Sedimentation

**Sludge Treatment**
- Sludge Thickening
- Sludge Dewatering with Beltpress

**Capacity**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Influent</th>
<th>Effluent</th>
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</thead>
<tbody>
<tr>
<td>COD (mg/l)</td>
<td>400</td>
<td>125</td>
</tr>
<tr>
<td>BOD₅ (mg/l)</td>
<td>250</td>
<td>15</td>
</tr>
<tr>
<td>TSS (mg/l)</td>
<td>250</td>
<td>20</td>
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</tbody>
</table>

**Location**
Hatay / TÜRKİYE

**Client**
Iskenderun Municipality Administration of Water and Sewerage Works

**Contractor**
MASS

**Contract Date**
2005

**Completion Date**
2006

**Financial Resource**
Iskenderun Municipality Administration of Water and Sewerage Works