OPERATION AND MAINTENANCE
DOMESTIC WASTEWATER TREATMENT PLANTS

Datça 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
• Inlet Structure
• Pumping Station

Biological Treatment
• Activated Sludge System with Surface Aerators
• Secondary Sedimentation

Sludge Treatment
• Sludge Thickening
• Sludge Dewatering with Beltpress

Sea Outfall

Capacity

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Influent</th>
<th>Effluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD₅ (mg/lt)</td>
<td>285</td>
<td>30</td>
</tr>
<tr>
<td>TSS (mg/lt)</td>
<td>350</td>
<td>30</td>
</tr>
</tbody>
</table>