OPERATION AND MAINTENANCE
DOMESTIC WASTEWATER TREATMENT PLANTS

Operation and Maintenance of Seyhan Wastewater Treatment Plant

Scope:
Operation services of described wastewater treatment plant for 3 months including supply of operational personnel and maintenance staff, disposal of screening and sludge services.

Plant Description:

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

Biological Treatment
• Biological Treatment Based on Overload Active Sludge Process
• Secondary Sedimentation

Sludge Treatment
• Sludge Thickening
• Sludge Dewatering with Beltpress
• Anaerobic Sludge Digestion

Gas System
• Gas Desulphurization
• Gas Generator
• Gas Burning

Capacity

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Influent</th>
<th>Effluent</th>
</tr>
</thead>
<tbody>
<tr>
<td>BOD₅ (mg/l)</td>
<td>243</td>
<td>15</td>
</tr>
<tr>
<td>Flow</td>
<td>227,000 m³/day</td>
<td></td>
</tr>
<tr>
<td>Population Equivalent</td>
<td>1,151,000 PE</td>
<td></td>
</tr>
</tbody>
</table>