

WATER

Location

İzmir

Client

İzmir Water and
Wastewater Administration

Date

2016 – 2017

Financing

İzmir Water and
Wastewater Administration

Cost

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WATER TREATMENT PLANTS OF BORNOVA KARAÇAM POND, DİKİLİ ÇANDARLI POND, KARABURUN BOZKÖY POND AND KARABURUN MORDOĞAN POND



Project Description:

Four water treatment plants are planned to treat raw water collected in the ponds to supply drinking water to the small residents located in rural İzmir. These plants are made of steel treatment units located inside steel buildings and concrete structures located outside. In each plant, there are cascade aeration unit, coagulation and flocculation tanks, lamella settlers, pressure filters, sludge thickening tank, chemical storage and dosing units and other auxiliary structures and equipment. The capacities of plants:

Karaburun – Bozköy WTP: 63 l/s (5440 m³/day),
Dikili – Çandarlı WTP: 30 l/s (2590 m³/day),
Bornova – Karaçam WTP: 16 l/s (1380 m³/day),
Karaburun-Mordoğan WTP: 12 l/s (1000 m³/day).

Scope of Services:

- Process design,
- Preparation of implementation design,
- Preparation of tender documents.