

AMASYA (Gümüşhacıköy)- DOMESTIC AND INDUSTRIAL WASTEWATER TREATMENT PLANT IMPROVEMENT WORK

Location

Gümüşhacıköy Belediyesi
AMASYA/TURKİYE

Client

Gümüşhacıköy Municipality

Contractor

İdeal Çevre Teknolojieri.

Sub Contractor

İdeal Çevre Teknolojieri.

Completion Date

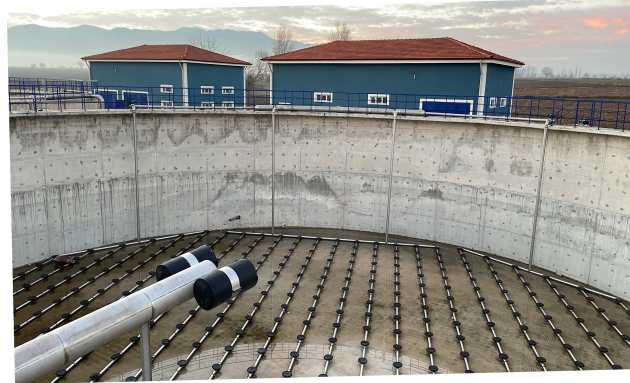
2023-2024

Financial Resource

İller Bankası

Scope

Turn-key construction of the
plant, excluding
electrical, mechanical
works.



Plant Description:

Intake

- Intake Pumping Station
- Stabilization Lagoons
- Waste Water Pipework

Pre-Treatment

- Cable Operated Bar Screen
- Penstocks
- Grit Bridge Scraper
- Rectangular Type Linear Sand Trapping Scrapers

•Main-Treatment

- Physical Treatment, Balancing, Biological Treatment, Sludge Thickening, Sludge Dewatering Improvement Works: Balancing pools-sludge units and sludge dewatering-inlet structure improvement, ventilation pool improvement, phosphorus removal (EBPR) tanks,

W.Water Storage and W. Water Network

- Treated Water Storage Tanks
- Treated Water Pumping Station
- 21.5 km. Potable Water Network

Disinfection

- Onsite Sodium Hypochlorite Generation
- Chlorine Disinfection of the Effluent

Capacity

- Flow 10,000 m³/day
- Parameter KAAY TABLO 1 : COD, BOD, TN, TP, SSM, PH, OILGRESS,

BURDUR (YEŞİLOVA-SALDA LAKE)- DOMESTIC AND INDUSTRIAL WASTEWATER TREATMENT PLANT IMPROVEMENT WORK

Location

Yeşilova-Salda Gölü
Belediyesi BURDUR/TURKİYE

Client

Yeşilova Municipality

Contractor

İdeal Çevre Teknolojieri.

Sub Contractor

İdeal Çevre Teknolojieri.

Completion Date

2023-2024

Financial Resource

İller Bankası

Scope

Turn-key construction of the
plant, excluding
electrical,mechanical
works.



Plant Description:

Intake

- Intake Pumping Station
- Stabilization Lagoons
- Waste Water Pipework

Pre-Treatment

- Cable Operated Bar Screen
- Penstocks
- Grit Bridge Scraper
- Rectangular Type Linear Sand Trapping Scrapers

•Main-Treatmen

- Physical Treatment, Balancing, Biological Treatment, Sludge Thickening, Sludge Dewatering Improvement Works: Balancing pools-sludge units and sludge dewatering-inlet structure improvement, ventilation pool improvement, phosphorus removal (EBPR) tanks,

W.Water Storage and W. Water Network

- Treated Water Storage Tanks
- Treated Water Pumping Station

Disinfection

- Onsite Sodium Hypochlorite Generation
- Chlorine Disinfection of the Effluent

Capacity

- Flow 4,000 m³/day
- Parameter KAAY TABLO 1 : COD,BOD,TN,TP,SSM,PH,OILGRESS,

SASTAŞ A.Ş (SAMSUN)- INDUSTRIAL WASTEWATER TREATMENT PLANT IMPROVEMENT WORK

Location

SASTAŞ A.Ş SAMSUN/
TÜRKİYE

Client

SASTAŞ A.Ş

Contractor

İdeal Çevre Teknolojieri.

Sub Contractor

İdeal Çevre Teknolojieri.

Completion Date

2022

Financial Resource

SASTAŞ A.Ş

Scope

Turn-key construction of the
plant, excluding
electrical,mechanical
works.



Plant Description:

Intake

- Intake Pumping Station
- Stabilization Lagoons
- Waste Water Pipework

Pre-Treatment

- Cable Operated Bar Screen
- Penstocks
- Grit Bridge Scraper
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Main-Treatment

- Physical Treatment, Balancing, Biological Treatment, Sludge Thickening, Sludge Dewatering Improvement Works: Balancing pools-sludge units and sludge dewatering-inlet structure improvement,

W. Water Storage and W. Water Network

- Treated Water Storage Tanks
- Treated Water Pumping Station

Disinfection

- UV Desinfection UNIT

Capacity

- Flow 3,000 m³/day
- Parameter KAAY TABLO 1 :COD,BOD,TN,TP,SSM,PH,OILGRESS,

BAZIAN (NORTH-IRAQ)- INDUSTRIAL WASTEWATER TREATMENT PLANT IMPROVEMENT WORK

Location

**Bazian RAFINERY
NORTH-IRAQ**

Client

QAIWAN GROUPS

Contractor

İdeal Çevre Teknolojieri.

Sub Contractor

İdeal Çevre Teknolojieri.

Completion Date

2019

Financial Resource

QAIWAN GROUPS

Scope

**Turn-key construction of the
plant, excluding
electrical,mechanical
works.**



Plant Description:

Intake

- Intake Pumping Station
- Stabilization Lagoons
- Waste Water Pipework

Pre-Treatment

- Cable Operated Bar Screen
- Penstocks
- Grit Bridge Scraper
- Rectangular Type Linear Sand Trapping Scrapers

•Main-Treatmen

- Physical Treatment, Balancing, Chemical and Biological Treatment, Sludge Thickening, Sludge Dewatering Improvement Works: Balancing pools-sludge units and sludge dewatering-inlet structure improvement, ventilation pool improvement, phosphorus removal (EBPR) tanks,

W.Water Storage and W. Water Network

- Treated Water Storage Tanks
- Treated Water Pumping Station
- Treat water is used for irrigation purposes.

Disinfection

- Onsite Sodium Hypochlorite Generation
- Chlorine Disinfection of the Effluent

Capacity

- Flow 12,000 m³/day
- Parameter ,

KWASHE (DOHOQ-NORT IRAQ)- LTP WASTEWATER TREATMENT PLANT IMPROVEMENT WORK

Location

**KWASHE DOHOQ
NORTH-IRAQ**

Client

ACTED /CANADA

Contractor

İdeal Çevre Teknolojieri.

Sub Contractor

İdeal Çevre Teknolojieri.

Completion Date

2023

Financial Resource

ACTED /CANADA

Scope

**Turn-key construction of the
plant, excluding
electrical,mechanical
works.**



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Plant Description:

Intake

- Intake Pumping Station
- Stabilization Lagoons
- Waste Water Pipework

Pre-Treatment

- Cable Operated Bar Screen
- Penstocks

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• Main-Treatmen

- Physical Treatment, Balancing, Biological Treatment, UF -MF-NF and Sludge Thickening,

W.Water Storage and W. Water Network

- Treated Water Storage Tanks :30 000 m3
- Treated Water Pumping Station
- 5 km. Irrigation Water Network

Disinfection

- UV Desenfaction Unit
- Capacity

• Flow

1,000 m³/day

• Parameter

COD :15 000-30 000 ,TN :250-1500,TP 30-150-OIL
GRES :450-600Gppm,SSM :2500-4000PPM

SOCAR (Sumqayıt AZERBAIJAN)- DOMESTIC AND INDUSTRIAL WASTEWATER TREATMENT PLANT IMPROVEMENT WORK

Location

SOCAR PU SUMAQYIT/
AZERBAIJAN

Client

SOCAR PU

Contractor

İdeal Çevre Teknolojieri.

Sub Contractor

İdeal Çevre Teknolojieri.

Completion Date

2021

Financial Resource

SOCAR

Scope

Turn-key construction of the
plant, excluding
electrical,mechanical
works.



Plant Description:

Intake

- Intake Pumping Station
- Stabilization Lagoons
- Waste Water Pipework

Pre-Treatment

- Cable Operated Bar Screen
- Penstocks
- Grit Bridge Scraper
- Rectangular Type Linear Sand Trapping Scrapers

•Main-Treatmen

- Physical Treatment, chemical Treatment ELECTROCOUGLATION, Biological Treatment, Sludge Thickening, Sludge Dewatering Improvement Works: Balancing pools-sludge units and sludge dewatering-inlet structure improvement, ventilation pool improvement, phosphorus removal (EBPR) tanks,

W.Water Storage and W. Water Network

- Treated Water Storage Tanks
- Treated Water Pumping Station
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Disinfection

- OZONE GENERATOR SYSTEM
- Capacity

- Flow 9,000 m³/day
- Parameter ,