

# OPERATION AND MAINTENANCE

## INFRASTRUCTURE WORKS

### Gebze Organized Industrial Zone Waste Management Project

#### Location

Kocaeli / TÜRKİYE

#### Client

Gebze Organized  
Industrial Zone

#### Contractor

MASS

#### Contract Date

2006

#### Completion Date

On going

#### Financial Resource

Gebze Organized  
Industry Zone

### Gebze Organized Industrial Zone Waste Management Project



#### Description and Scope:

##### **Cleaning, Maintenance, Operation and Rehabilitation Works of Wastewater, Storm water, Potable Water Lines**

- Daily control, cleaning, regular continuity control and rehabilitation works of wastewater, storm water and potable water lines having various diameters
- Reparation of the breakdowns during controls
- Cleaning of grit chamber, storm water open channels and screens
- Maintenance and reparation of fittings such as valves, ventouse and check valves etc.
- Maintenance, reparation and operation works of 3 pumping stations
- Cleaning with pressurized water of particular wastewater line tools
- Maintenance, reparation, operation and rehabilitation works of a potable water pumping station
- Maintenance, reparation, operation and rehabilitation works of a potable water tank

##### **Transportation, Control and Supervision services of Hazardous Wastes, Domestic and Industrial Wastewater / Treatment Sludge**

- Transportation of hazardous wastes, domestic and industrial wastewater and treatment sludge to the disposal plants by authorized vehicles
- Hazardous waste generation, in-plant storage, disposal and follow-ups of legal procedures

##### **Supervision services of Wastewater Treatment Plants, Sample Collection Works and Wastewater Analysis**

- Supervision and control services of wastewater treatment plants
- Sampling and laboratory analysis of wastewater treatment plants
- Installation works of sampling and flowmeter equipments to the companies determined by GOSB and daily control services
- Control and meter reading works of wastewater and potable water main meters

# OPERATION AND MAINTENANCE

INFRASTRUCTURE WORKS

## İSKİ Kadıköy Regional Water & Sewerage Network Construction & Rehabilitation Works

### Location

İstanbul / TÜRKİYE

### Client

General Directorate  
of İstanbul Water and  
Sewerage Administration

### Contractor

MASS  
Ludwig Pfeiffer  
Consortium

### Contract Date

2005

### Completion Date

2008

### Contract Value

9,686,000 EUR

### Financial Resource

General Directorate  
of İstanbul Water and  
Sewerage Administration

İSKİ Kadıköy Regional Water & Sewerage  
Network Construction & Rehabilitation Works



### Description:

#### Rehabilitation Works for Wastewater Lines

- Construction and rehabilitation of sewer lines at various diameters by excavation method
- Examination of various diameter sewer lines by viewing with robots and camera systems
- Creation of videos and reports about the sewerage system to determine the problems of the sewer system
- Make the necessary rehabilitations

#### Rehabilitation Works for Water Lines

- Construction of new and rehabilitation of existing water lines at various diameters by excavation method
- Construction of new water lines by viewing with robots and camera systems by non-excavating pipe laying method

### Scope:

- Rehabilitation and construction of 19.581 meters of various diameter sewer lines and 6.800 meters of water lines by excavation method and examination of 200.000 meters of sewer lines by robot and video viewing method
- Laying of 800 meters of new water pipes at various diameters and 6.500 meters of water line construction by non-excavation method.

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# REFERENCES



## INFRASTRUCTURE WORKS OPERATION AND MAINTENANCE

Project Name	Scope of Works	Client/Location/Year
<b>GEBZE ORG. IND. ZONE INFR. MAINTENANCE AND WASTE MANAGEMENT</b>	Water, sewerage and stormwater network, water reservoir, pumping station maintenance and renewal work, liquid waste hauling, surveillance of wastewater discharges to the network for Gebze. Org. Ind. Zone which houses 94 various size industrial companies	Gebze Org. Ind. Zone Kocaeli/Turkey 2006-ongoing
<b>ISKI KADIKOY WATER AND SEW. NETWORK CONST.&amp;REHAB. WORKS</b>	Water, sewerage and stormwater network rehabilitation, maintenance and renewal works for the Kadikoy region of city of Istanbul	ISKI İstanbul/Turkey 2005-2008
<b>CITY OF KAVAJA SEWERAGE NETWORK MAINTENANCE</b>	Maintenance work for sewerage network of the city of Kavaja	Kavaja/Albania 2006-2007



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