

# Sewer Network for Legtaifiya, Al Gasser & Onaiza Areas

## Client

PUBLIC WORKS AUTHORITY (ASHGHAL)

## Scope of Work

Concept Design  
Detailed Design  
Tender Documents

## Location

Qatar

## Types of Activities

Civil works

The project area is located between Qatar Area referencing System (QARS) Zones 61 and 66, approximately 12 km northwest of downtown Doha, stretching across the areas of Legtaifiya, Al Gasser and Onaiza.

The project is initiated for the re-development of the foul sewer network in the areas of Legtaifiya, Al Gasser and Onaiza, reducing dependency on pumping systems in order to facilitate operations and maintenance savings (energy-related, repair and replacement costs).

Moreover, the project makes way for the decommissioning of a number of existing pumping stations by diverting their flows into a new gravity network. The new gravity network will discharge to PS N25B, for onward pumping to DN-STW via PS 70. The project boundary conjoins northwards West Bay Lagoon, eastwards Katara Cultural Village, southwards by Ibn Marwan Street, and westwards Al-Jamiaa St. Al Istqlal Street/Lusail Expressway and Onaiza St. pass through the project area as illustrated below.

