



PROJECT 3 REHABILITATION OF SEWAGE NETWORKS IN GAZA CITY

Reducing exposure to raw sewage for families in Al Naser neighbourhood

Estimated Cost: US\$ 1M (Governments of the United States and the Netherlands)

Timeline: 4 months following entry of supplies in Gaza

Why it matters

Frequent sewer blockages and overflows occur in streets and near residential buildings and IDP shelters in Al Naser neighborhood, west of Gaza City. Wastewater accumulation poses serious public health and environmental risks for the area's 20,000 residents. Without urgent rehabilitation, sanitation conditions will continue to deteriorate, increasing the risk of disease outbreaks and further infrastructure collapse.

The challenge

The wastewater network in West Gaza City has severely deteriorated due to aging infrastructure, physical damage, and increased load resulting from high population density and the presence of large numbers of internally displaced persons (IDPs).

Project Objective

To restore safe and continuous wastewater conveyance services in West Gaza City in order to protect public health, preserve dignity and improve living conditions for host communities and IDPs.

Expected Impact

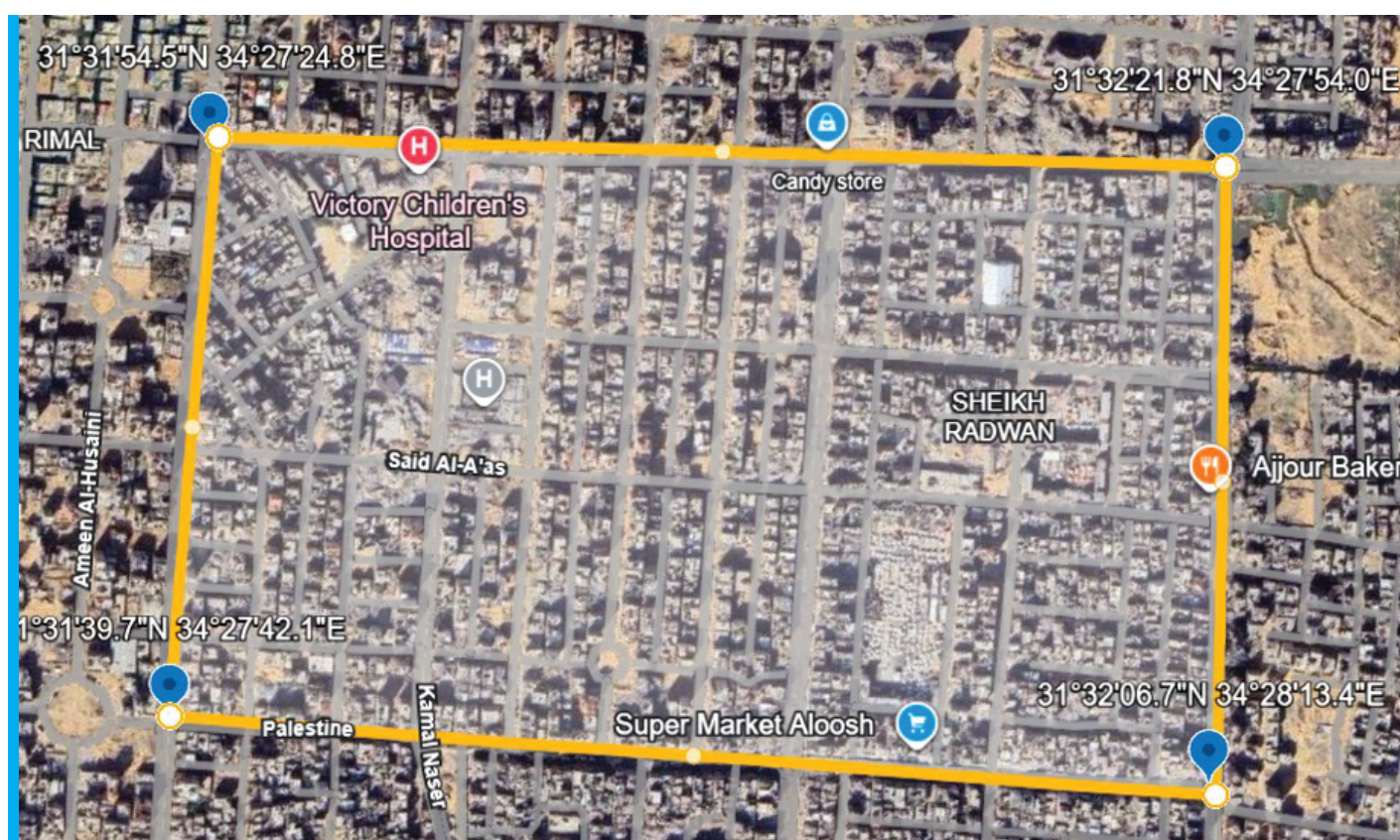
- Restoration of life-preserving sanitation services through reducing exposure to raw sewage for 20,000 families and displaced people.

- Lower risk of the spread of waterborne and sanitation-related diseases.
- Improved dignity, safety, and environmental health in densely populated areas through protecting homes and public spaces from wastewater flooding.

Consequences of inaction for children

- Increased sewage overflows in residential and IDP areas, increasing the likelihood of disease outbreaks in overcrowded communities.
- Progressive structural collapse of sewer infrastructure.
- Escalating groundwater and environmental contamination.
- Increased humanitarian and financial costs in the future.

Maps:



Gaza City – Sheikh Radwan area; approx. center GPS: 31.52115 N, 34.46599 E; service area: 0.734 km²