

Under the Patronage of His Excellency **Eng. Abdulrahman bin Abdulmohsen AlFadley**
Minister of Environment, Water & Agriculture

منتدى المياه السعودي
saudi water forum **SWF 2024**



National Water Company

Capital Projects Portfolio



29 April – 01 May 2024



Hilton Riyadh Hotel & Residences
Riyadh, Saudi Arabia

Organized by

وزارة البيئة والمياه والزراعة
Ministry of Environment Water & Agriculture



المؤسسة العامة لتحلية المياه المالحة
Saline Water Conversion Corporation (SWCC)



شركة المياه الوطنية
National Water Company



الشركة السعودية لشراكات المياه
Saudi Water Partnership Company



المؤسسة العامة للمياه
Saudi Water Partnership Company



منظم المياه
Water Regulator



المركز الوطني لكفاءة وترشيد المياه
NATIONAL WATER EFFICIENCY AND CONSERVATION CENTER
MAEE



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NWC Capital Projects Achievement Since 2017

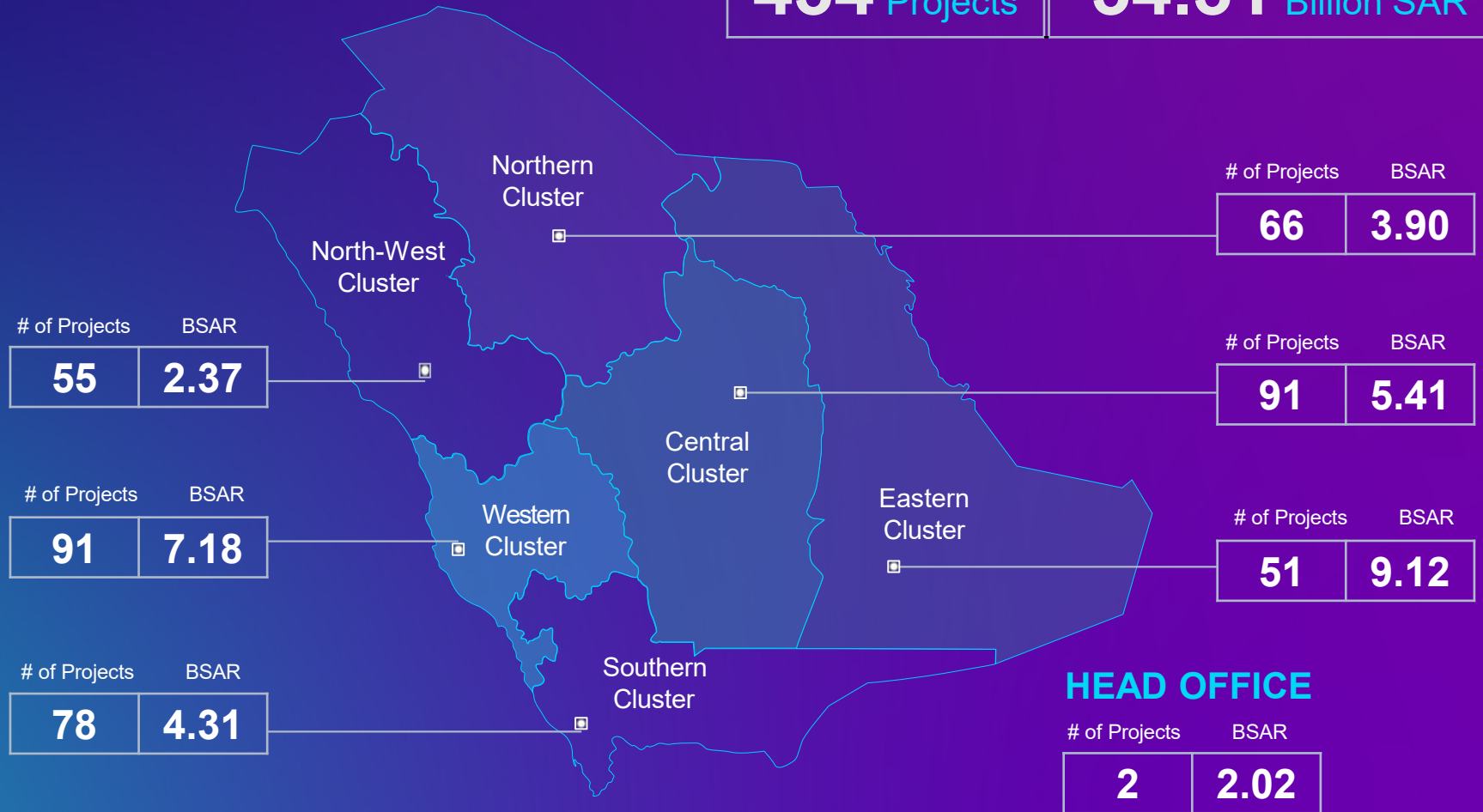


Ongoing Projects

434 Projects

34.31 Billion SAR

Water Projects	
207 Project	15.12 BSAR
Wastewater Projects	
154 Project	13.98 BSAR
Supportive Projects	
73 Project	5.21 BSAR



Five Years Projects Portfolio



Five Years Projects Portfolio

3,054 Projects **280.54** Billion SAR

Shared Projects

# of Projects	BSAR
102	19.28



Tendering Status

Tendered (Apr 2024)



495

Projects



42.91

Billion SAR

Planned to be Tendered till end of 2024



640

Projects



53.4

Billion SAR

	2024 Q1	2024 Q1	2024 Q1
No	157	352	131
BSAR	13.1	30.5	9.8



Key Mega Projects



Water Program at North of Riyadh City

Program Components



280 km

Water Transmission lines and networks



850,000 m³

Water Reservoirs



3

Pump Stations

Overall

- Transmission pipelines diameters (300-1,600) mm.
- Network pipelines diameters (110-300) mm.
- Three (3) pumping stations with total capacity 28,000 m³/hr.



Riyadh Region
North of Riyadh City



Water loss Reduction and Replacement of Water Network at Riyadh City

Program Components



420 km

Replacing of Water Pipelines



80,000

Inspect and Replace House Connections

Overall

To Improve water supply and reduce water losses for the old districts at Riyadh City.

- Pipelines Diameters (110-700) mm.



Districts Covered with the program scope



Riyadh Region
Riyadh City



Wastewater Program at the East of Riyadh City

Program Components



235 km

Wastewater Collection Networks and mainlines

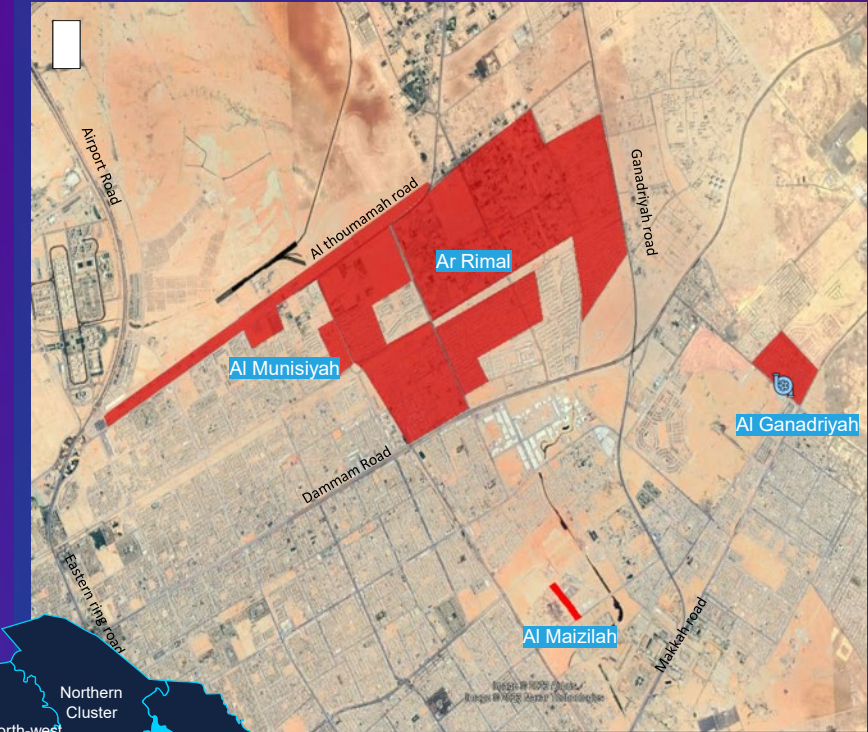


1.

Wastewater lifting station

Overall

- Collection Network Pipe Diameters (200-500) mm.
- Main lines Diameters (1,200-3,600) mm.
- One (1) lifting station with capacity 200 m³/hr.



Riyadh Region
East of Riyadh City



Wastewater Program at Mina Holly Place

Program Components

190 km

Wastewater Collection
Networks and mainlines



30 km

Wastewater Trunk line

Overall

Expand the capacity and improve the existing wastewater collection network to meet the demand of increased number of pilgrims.

- Wastewater trunk line with a diameter 3,500 mm.
- Main lines Diameter (600-3,000) mm.
- Collection Network Pipe Diameters (300-600) mm.



Makkah Region
Mina Holly Place



Water Program at Arafat Holly Place

Program Components



20 km
Water Networks



450,000 m³
Water Reservoirs

Overall

- Increase the existing reservoirs capacity and expand the water supply coverage at Arafat holly place to provide improved and secured water services and to meet the increased demand.
- Main lines Diameters (400-2,500) mm.



Makkah Region
Arafat Holly Place



Water Program at Taif city

Program Components



489 km
Water Networks

Overall

Construction of water distribution networks to increase the water distribution coverage within Taif city .

- Network pipelines diameters (110-300) mm.



Makkah Region
Taif City



Wastewater Program for Al-Hofuf and Al-Mubarraz Cities

Program Components



157 km
Wastewater
Collection
Networks



13
Upgrade
Wastewater
Lifting Station



1
New
Wastewater
Lifting Station

Overall

- Upgrade 13 existing lifting stations in different Districts.
- Construction new Lifting station.
- Force main line with diameter of 1000 mm and 58 km length.
- Wastewater Collection Network with Pipelines Diameters up to 1,400 mm.



Wastewater Program at Hafer El Batin City

Program Components



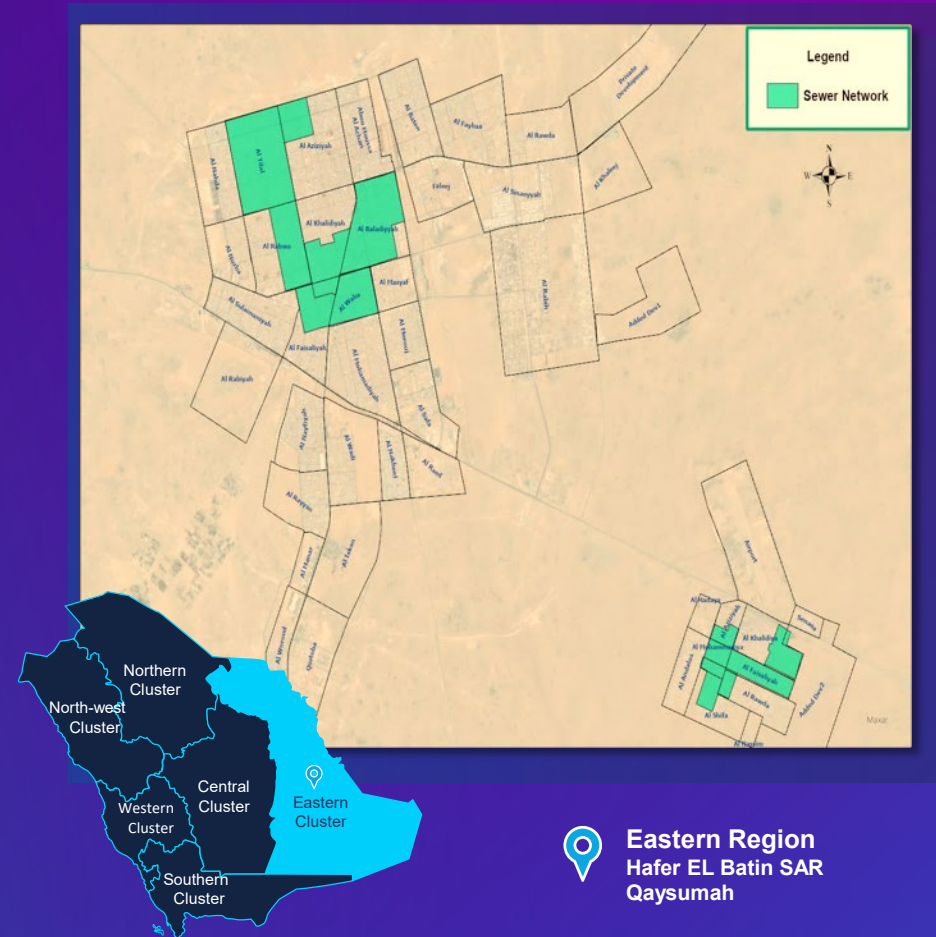
390 km

Wastewater Collection Networks

Overall

Mitigate the Environmental Impact due to the Overflow of the existing septic tanks and utilize the existing STP.

- Wastewater Collection Network With Pipelines Diameters 200-800mm.



Wastewater Program at North of Buraydah City, Al-Qassim Region

Program Components



115 km

Wastewater Collection Networks and mainlines



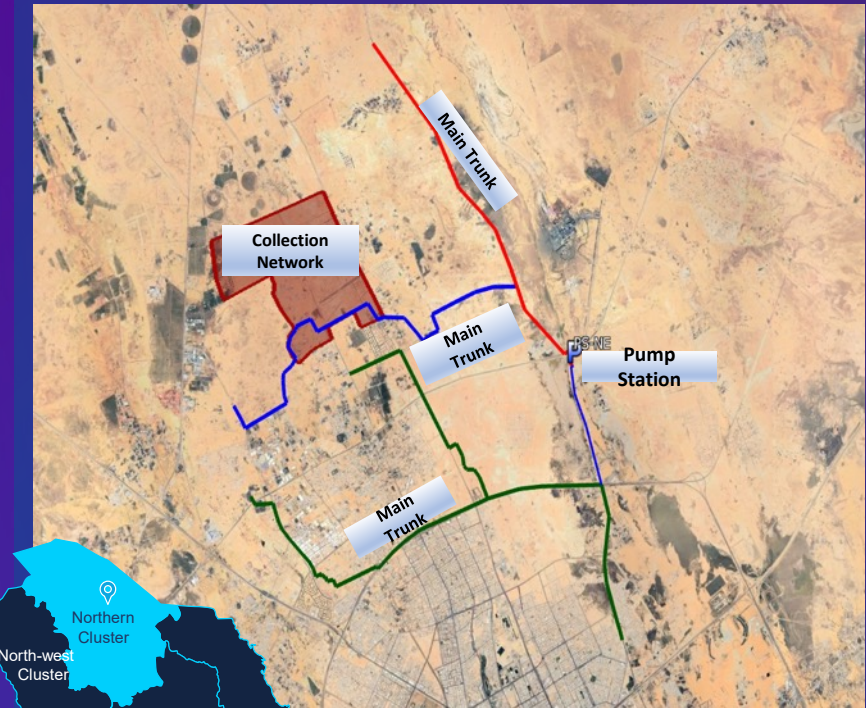
1

Wastewater Lifting Station

Overall

Expand and improve the Wastewater collection system in the city.

- The program comprises of:
 - 80 km wastewater collection networks with Pipes diameters (200-700) mm.
 - 35 km Main Sewer lines with diameters (500-1400) mm.
 - New Lifting station.



Al Qassim Region
Buraydah City



Water Supply Program For The West of Hail Region

Program Components

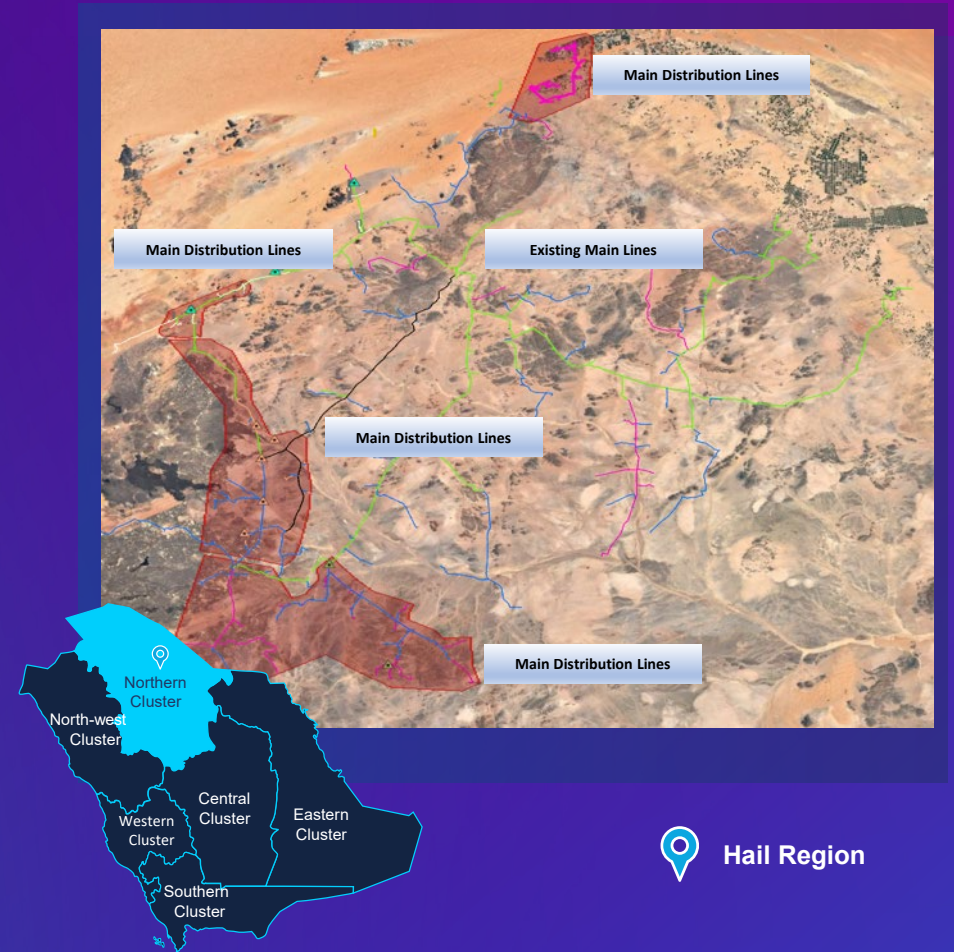


877 km
Water Networks

Overall

Improve and Expand water supply System in Hail Region.

- Construction of Water Distribution networks with diameters (100-600) mm.



Wastewater Program – Madinah City

Program Components



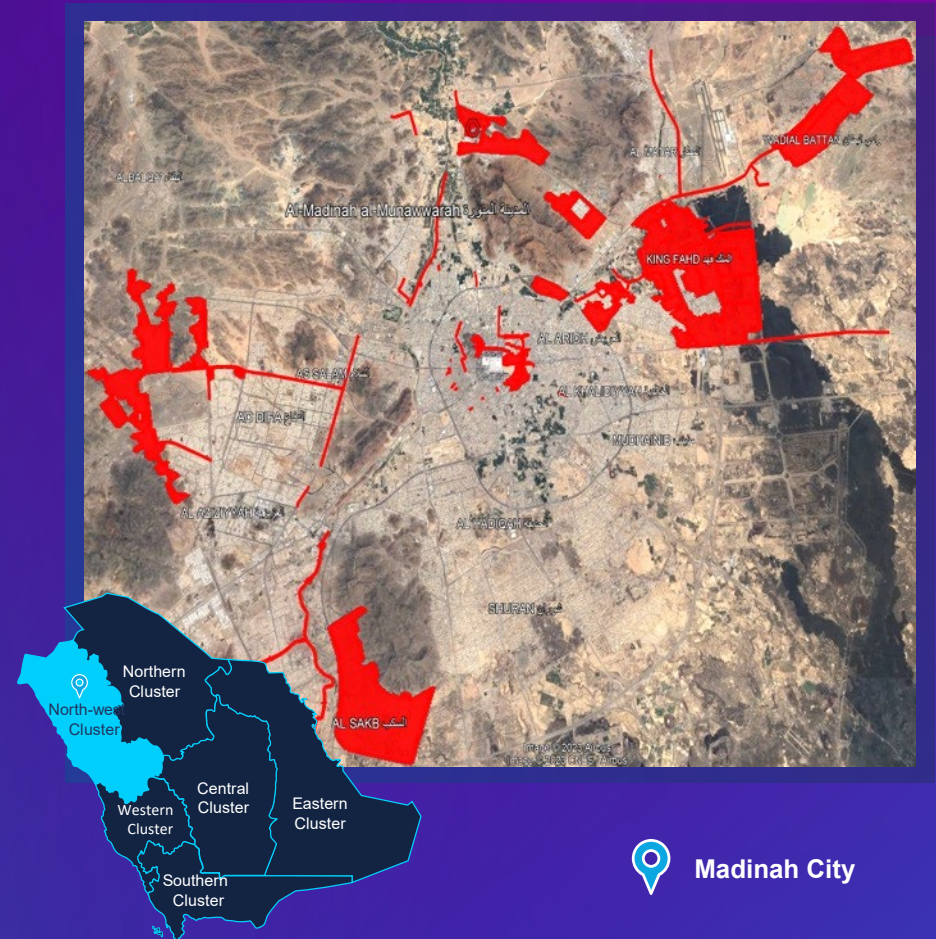
192 km

Wastewater Collection Networks and mainlines

Overall

Improve and Expand Wastewater Services in Madinah City.

- Construction of wastewater collection network and trunk Sewers with diameters 200-2500 mm
- Rehabilitation of the existing STP .



Wastewater Program – Tabuk and Haqel Cities

Program Components



283 km

Wastewater Collection
Networks and mainlines



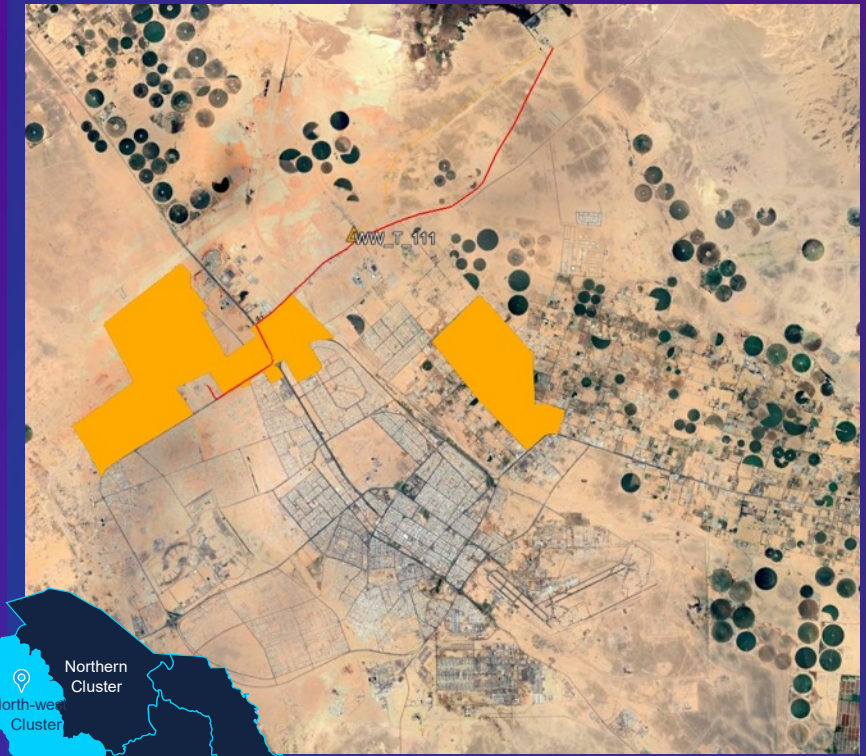
3

Wastewater Lifting
Stations

Overall

Improve and Expand Wastewater Services Coverage in Tabuk and Haqel Cities.

- Construction of wastewater collection network and trunk Sewers with diameters 200-1200 mm.
- Three (3) new lifting stations with Total capacity 2,750 m³/hr.



Tabuk Region
Tabuk City and Haqel



Wastewater Program in Urban Abha at Asir Region

Program Components



239 km

Wastewater Collection
Networks



1

Main Wastewater Lifting
Station

Overall

Expand the wastewater services coverage in urban Abha.

- The program comprises of:
 - 239 km of sewage collection networks with diameters range 200-600mm.
 - One lifting stations.



Water Supply Program in Jazan Region

Program Components

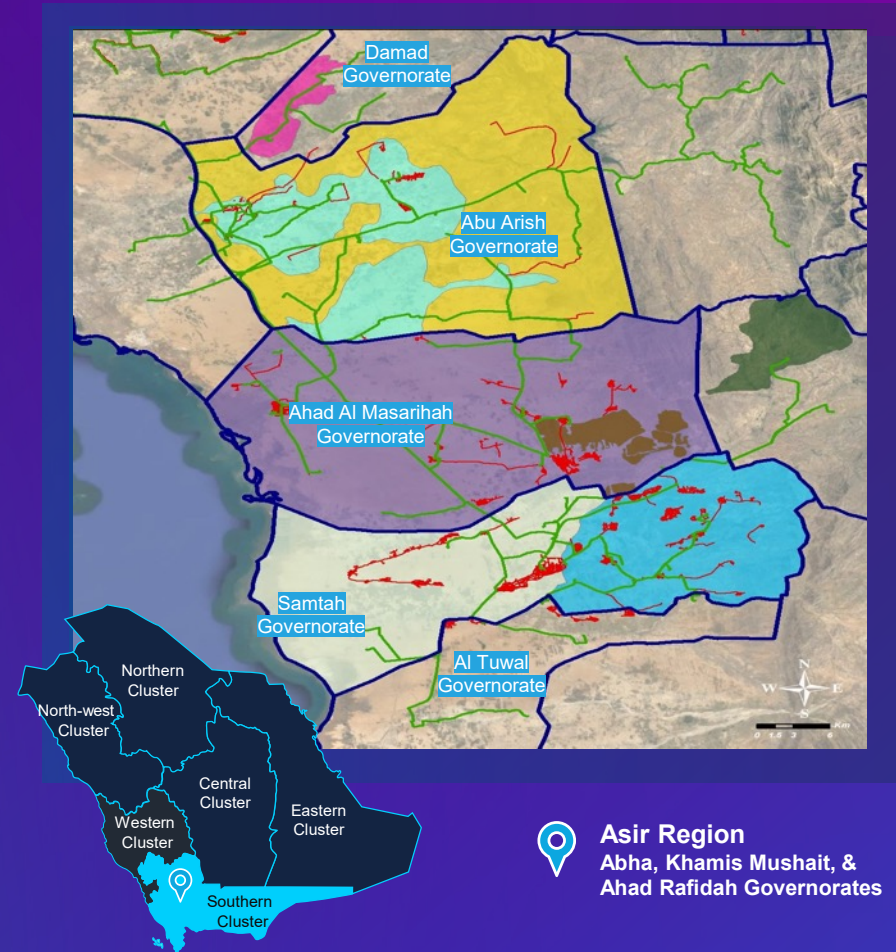


1,737 km
Water Networks

Overall

Improve and Expand the water supply services coverage in the cities of Damad, Abu Arish, Ahad Al Masarihah, Samtah, Al Tuwal, and Al Harth .

- Construction of Water transmission pipelines, and distribution networks.
- Transmission pipelines diameters (300-1800) mm.
- Network pipelines diameters (110-300) mm.



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THANK YOU!



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