

project name	Jebel Aulia White Nile Water Transmission Line (JAWN)		
owner	Project Implementation Unit for KNIA, Khartoum (Sudan)		
prime consultant	Dorsch Consult Airports, Munich (Germany)		
location	Khartoum (Sudan)		
project duration	begin	january 2008	
	end	winter 2008	

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The Project Implementation Unit for Khartoum New International Airport (KNIA) and the public water purveyor State Khartoum Water Corp. agreed to develop a water supply scheme for the White Nile west banks to service future KNIA and the surrounding regional development.

This water supply scheme includes the DN500 (20") Jebel Aulia White Nile Water Transmission Line (JAWN) starting at the Corp's Jewel Aulia water treatment plant on the White Nile east bank, pumping station, White Nile river crossing, the transmission line and the high point reservoir. It further integrates two existing ground water wells and DN200 (8") transmission lines.



White Nile at JAWN river crossing (l), Jebel Aulia water treatment plant (r)

responsibilities

feasibility study for JAWN water transmission line:

- demand estimates, coordination with water production capacities
- pipeline routing, coordination with topographic survey and geotechnical investigation
 - hydraulic design
- recommendations on project implementation

