

USAID/Bechtel Iraq Infrastructure Reconstruction Program

Accomplishments — Spring 2006

Bechtel began work on the US Agency for International Development's Iraq Infrastructure Reconstruction Program in April 2003. Since then, the program has seen a number of notable accomplishments, including:

- Dredged Port of Umm Qasr, Iraq's only deepwater port, to enable commercial and humanitarian traffic.
- Restored Port of Umm Qasr grain handling facility, enabling the transfer of up to 60,000 tons of grain per day.
- Completed repairs to enable resumption of commercial flights at Baghdad and Al Basrah International Airports.
- Renovated 1,239 schools.
- Refurbished 10 fire stations and 52 primary health clinics.
- Constructed 57 kilometers (35 miles) of new rail lines.
- Restored switching stations required to reconnect more than 215,000 Baghdad telephone subscribers.
- Restored fiber-optic backbone connecting Iraqi cities to the Baghdad area data and communications network.
- Repaired three bridges (Al Mat, Al Khazir, Tikrit) critical to humanitarian and commercial traffic flow throughout Iraq.
- Total electric projects completed to date have increased capacity by over 1,200 MW through improved reliability or new generation.
- Restored or built Water Treatment Plants capable of providing treated water to over 8.7 million people.
- Restored Waste Water Treatment Plants capable of supporting the sanitation needs of over 7 million people.
- Provided over 400,000 hours of Operations & Maintenance training to support the sustainable operations of facilities in the future.



Treated water pipeline backfill at a community in central Iraq



A wastewater treatment plant in operation in southern Iraq



Installing H-pile for retaining wall of a power plant in central Iraq where Bechtel is building new generation units

USAID/Bechtel Iraq Infrastructure Reconstruction Program (cont.)

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Project highlights:

- Commissioned the Al Qudas power plant to operate on more readily available heavy fuel oil, making the availability of 216 MW.
- Increased output at Al Mussayib Power Plant by 240 MW.
- Refurbished three units at Bayji power plant in Northern Iraq, increasing output by 180 MW or more than 50 percent.
- Completed construction and commissioning of new Kirkuk v64 and v94 power units capable of producing 325MW.
- Commissioned Kirkuk Water Treatment Plant in Northern Iraq. Supports the drinking water needs of approximately 750,000 people in northern Iraq.
- Restored treated water system for 40,000 residents of Safwan in southern Iraq.
- Dredged and restored Sweet Water Canal reservoirs and 14 water treatment plants, serving 5.1 million people in Al Basrah and surrounding areas of southern Iraq.
- Started up major portions of the Al Rustimiyah South and the Al Rustimiyah North Wastewater Treatment Plants. These two plants treat 123 million gallons/day of wastewater and their operation restores over 60 percent of Baghdad's sewage treatment for the first time in more than a decade.
- Restored emergency communications services prior to national constitutional referendum.



Debris (foreground) brought up from the bottom of the Port of Umm Qasr—clearly a navigational hazard

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