



Iraq Reconstruction Report

Focusing on Construction & Sustainment

12.08.06



All border fort construction projects are being completed by Iraqi contractors and local Iraqi workers. The forts are being constructed using a concrete masonry process that maximizes the use of locally available materials. (Gulf Region Division Photo)

At a Glance: The World Bank Iraq Trust Fund Financed Project List

World Bank Iraq Trust Fund Financed Projects	Project Amount (US\$ min)	Approval Date	Implementing Agency
Project Completed			
Capacity Building I	3.6	Feb-04	World Bank
Projects Underway			
Textbook Provision	40.0	May-04	Ministry of Education
School Reconstruction and Rehabilitation	60.0	Oct-04	Ministry of Education
Capacity Building II	7.0	Nov-04	World Bank
Baghdad Water Supply & Sanitation	65.0	Dec-04	Municipality of Baghdad
Water, Sanitation & Urban Reconstr.	90.0	Dec-04	Ministry of Municipalities & Public Works
Health Rehabilitation	25.0	Nov-04	Ministry of Health
Private Sector Development	55.0	Nov-04	Ministry of Planning & Development Cooperation and ITPC
Community Infrastructure Project	20.0	Dec-04	Ministry of Water Resources
Disabilities Project	19.5	Nov-05	Ministry of Health
Social Protection Project	8.0	Jun-06	Ministry of Labor and Social Affairs
Household Survey & Policies Technical Assistance	1.5	May-06	World Bank
Household Survey & Policies Grant	5.1	Jul-06	Ministry of Planning & Development Cooperation
Environment Management Project	5.0	Sep-06	Ministry of Environment
Additional Grant for School Construction in the Marshlands	6.0	Oct-06	Ministry of Education
Total Iraq Trust Fund Projects	410.7		

Since March 2004, the World Bank approved and launched fifteen grants totaling about US\$410 million, thereby committing nearly all donor deposits. The closing date of the Iraq Trust Fund (ITF) is Dec. 31, 2007. The World Bank has sent amendment letters to donors to formally extend the end ITF disbursement date to Dec. 31, 2010 to enable the completion of existing projects. Source: *The World Bank*

Project Dispatches

Iraqi School Renovations Nearly Complete

The Gulf Region Division has completed 99 percent of planned school renovations. Under the Iraq Relief and Reconstruction Fund, 807 school renovations have been completed to date and one is under construction. Three new school projects were recently awarded but have not yet started. Under the Development Fund for Iraq program, 29 additional school renovations have been completed. These projects will provide improved school facilities for over 320,000 students.

Bridge Project in Qadisiyah Completed

Construction of the Al Hamza Bridge project (\$738,000) in Qadisiyah Province has been completed. In addition to providing invaluable access arteries to vital throughout the province, this project will also help restore regional security.

Nasiriyah Water Treatment Plant Safety Record

The contractor Fluor/AMEC has worked over 4.5 million man hours on the Nasiriyah Water Treatment Plant without a safety related injury.

Small Potable Projects Produce Large Results

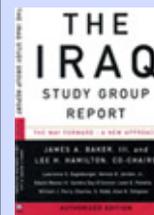
Six Small Scale Potable Water projects were completed in Al Anbar Province. The completion of these projects will supply fresh water for over 10,000 people in the region.

Two Agricultural Projects Completed

Construction is complete on two agricultural building projects in Ninewa Province – the Ag Nimrud Building (\$103,000) and the Ag Al-Qosh Building (\$95,000). The buildings serve as compounds for the city of Nimrud and the city of Al-Qosh's Agriculture departments. Each project consisted of constructing an administration building, a storehouse, a guardhouse, and a perimeter wall.

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Iraq Study Group Report Released

See the Report:

http://www.usip.org/isg/iraq_study_group_report/report/1206/index.html



Iraq 101 — Knowledge Brief

Mosul is a city in northern Iraq and the capital of the Ninewa Province. The name has many meanings, among them being “the linking point”, since the city stands on both sides of the Tigris River, with five bridges linking the two sides. Mosul has other Arabic names such as Um Al-Rabi'ain (The City of Two Springs), because autumn and spring are very much alike there. It is also named Al-Faiha (The Paradise), Al-Khadhra (The Green), and Al-Hadba (The Humped). Mosul's ancient name is Nineveh.

Source: Daily Western Media Analysis, SCORPION

Upgrading Baghdad Essential Services

By Norris Jones
Gulf Region Central District
US Army Corps of Engineers

BAGHDAD — Baghdad is facing some challenging times and for the situation to get better, most officials believe local residents need to see that their government is working and improvements are taking place.

Maj. Robert Nash, Officer in Charge of the U.S. Army Corps of Engineers (USACE) International Zone office, points out his staff is overseeing about 150 projects worth \$500 million to upgrade essential services in Baghdad. "We're rebuilding gas stations, paving roads, repairing sewer lift stations, installing new potable water networks, and paving roads. We're also renovating hospitals, building healthcare centers, installing neighborhood electric distribution networks, and rehabilitating water treatment plants."

The new initiative is called Operation Together Forward with an emphasis on clearing out insurgent elements in certain key areas and then funding a variety of community projects so residents can see that things are getting better. "We're just getting started on those new projects," Nash continued. "When fully underway, there will be thousands of Iraqis employed and their work will have a lasting, positive impact. As an example, 18 gas stations are being renovated throughout Baghdad and a variety of water and sewer issues are being resolved."

Nash's office works with U.S. military units attached to the 1st Cavalry Division including the 9th Engineer Battalion commanded by Lt. Col. Glen Masset, who keeps track of all ongoing community improvements in northwest Baghdad. The Baghdad city government, the U.S. Agency for International Development, the U.S. Army Corps of Engineers, and Masset's Brigade are all sponsoring projects to help the Iraqi people. "Our top priority is helping the Iraqi government get on its feet as local and city officials work to improve various essential services for their residents," said Masset.

Masset said townspeople gave them a definite positive response when they started a trash clean-up program in west Baghdad. "We're also putting in street lighting, getting an abandoned slaughterhouse for cattle and sheep renovated, cleaning out a major drainage canal, and providing portable generators to area schools, including 500-liter fuel tanks and 500 liters of fuel."

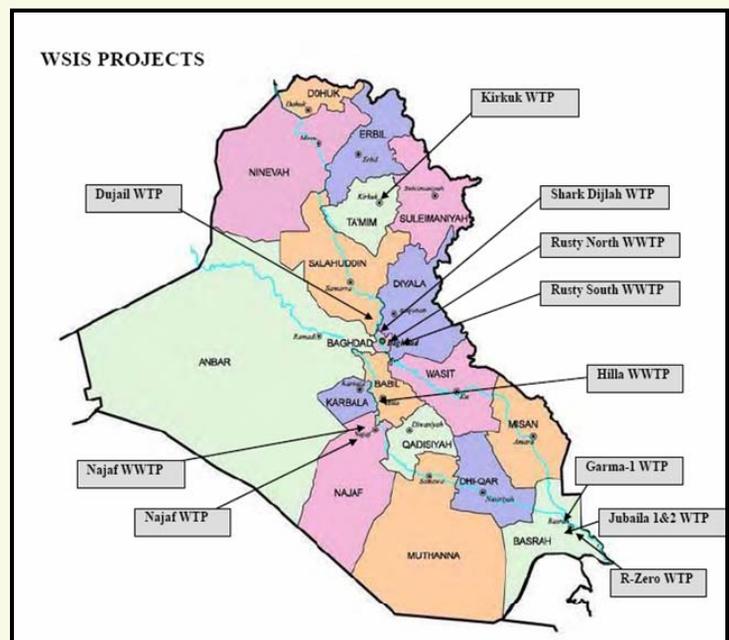
Operation Together Forward involves neighborhoods throughout the metropolitan area.

Next Week: The South Baghdad Doura Projects

Water Sector Sustainment Series: Part One

Information Compiled by Sheryl Lewis
Director for Capacity Development
Office of the Assistant Secretary of the Army
(Acquisition, Logistics, & Technology)

WASHINGTON — Seven water treatment plants and four waste water treatment plants are participating in the \$116 million US Government (USG) Water Sector Sustainment Program (WSSP) which includes both operations and maintenance support and capacity development activities to ensure that U.S. Government-funded assets are operated effectively in the near term while creating favorable conditions for operation by the Iraqi water ministries over the long term.



Along with technical support, the WSSP also provides necessary fuel, spare parts, and other consumables to these water facilities.

Program accomplishments include:

- Through preventive maintenance activities, the WSSP has helped increased capacity at Shark Dijlah Water Treatment Plant from 48 percent of designed capacity to 84 percent, representing the highest level of water flow ever achieved.
- Additional operator training courses have allowed the majority of preventive maintenance work at the "Rusty South" Waste Water Treatment Plant, located near Baghdad, to be conducted by local ministry employees. Currently this facility is operating at 98 percent of design capacity.

Next Week: Rural Water Facilities

Sector Overview: Current Status – Final Effects

Compiled By: John Daley, Emily LaMarsh, (ASA/ALT)

As of: December 4, 2006

- Over \$10 billion of the Iraq Relief and Reconstruction Fund (IRRF) has been disbursed by DoD, representing 74.4% of total funds allocated to DoD
- 3,326 projects starts (out of 3,448 planned projects). This number includes the DoD projects funded by the IRRF and the Development Fund for Iraq (DFI)
- 2,687 projects are complete

Infrastructure Sector	Current Progress	Final Effects
Electricity	<p>1,420 MW capacity added*</p> <p>Increased power generation to 1.3 million homes*</p> <p>Improved Electricity Distribution to approximately 372K Homes*</p> <p>Hours of Power: 11 Iraq, 6.4 Baghdad (last week average)</p>	<p>1,879 MW capacity added* (2,555 for all USG projects)</p> <p>Increased power generation to 1.7 million homes*</p> <p>Improved Electricity Distribution to approximately 822K Homes*</p> <p>Hours of Power: 10-12 Iraqi, 10-12 Baghdad</p>
Oil	<p>2.5 Million Barrels Per Day (MBPD) production capacity</p> <p>Approximately 2.2 MBPD actual production</p> <p>Liquefied Petroleum Gas (LPG) production capacity of 1,200 Tons per Day</p>	<p>3.0 MBPD oil production capacity</p> <p>LPG production capacity production capacity of 3,000 Tons per Day</p>
Water & Sewer	<p>Added 422,000 cubic meters per day of water treatment capacity (benefits an estimated 2.1 million Iraqis)*</p>	<p>1,136,000 cubic meters per day of water treatment capacity (will benefit approximately 5.2 million Iraqis*. All USG projects will benefit 8.4 million Iraqis)</p>
Health	<p>Seven IRRF-funded Primary Healthcare Centers (PHC) completed (six of these are open). Remaining 135 PHCs under contract.</p> <p>14 IRRF-funded hospitals rehabilitation projects completed</p>	<p>142 PHCs serving a population of 5 to 6.5 million Iraqis</p> <p>26 IRRF-funded hospital rehabilitation projects</p>
Education	<p>807 schools providing classrooms for 323,000 students*</p>	<p>810 schools providing classrooms for 324,000 students*</p>
Security & Justice	<p>312 police facilities completed</p> <p>246 border forts completed</p>	<p>337 police facilities</p> <p>253 border forts</p>
Transportation & Communications	<p>239 Kilometers (KM) of village roads</p> <p>Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities</p>	<p>427 KM of improved village roads</p> <p>157 KM of improved major roads and five bridges</p> <p>Provided emergency response dispatch system ('911' service) covering 12 million Iraqis in 15 cities</p>

Nasiriyah Project Offers Training Opportunities



As the Nasiriyah Water Treatment Plant nears completion, Iraqi plant technicians are training to operate and maintain the facility. The treatment plant is the largest in Iraq and is expected to serve over 500,000 people in the Dhi Qar communities of Nasiriyah, Suq Ash Sheuk, Al-Diwaya, Al-Shatra and Al-Gharraf. (Photos by James Bullinger)

District Council Meeting in Muqdadiyah Brings Results

By Spc. Amanda Morrissey
5th Mobile Public Affairs Detachment

MUQDADIYAH, Iraq — District council members continued weekly meetings in Muqdadiyah, Iraq, by gathering with members of the U.S. Army to discuss issues ranging from the operation of security checkpoints to rebuilding vital infrastructure. The Muqdadiyah district council was formed with representatives from surrounding cities, as well as representatives from the Iraqi Army and police forces.

“Our role is guiding and coaching in order to bring parties together to find agreements and common ground for a partnered way ahead,” said Lt. Col. Lou Lartigue, 9th Cavalry Regiment. “Our success is their success. Any problem brought to me is really an Iraqi problem, and it’ll be Iraqis who fix it. What’s more, the council has spent equal time discussing the city’s infrastructure,” said Lartigue. He added, “Muqdadiyah’s market, once destroyed by insurgents, has come back to life thanks to the efforts of city officials.”

Capt. Ronald Magtanong, who works to help coordinate infrastructure rebuilding projects, said the city has come a long way in restoring vital services. “I saw the mayor looking at the burned out buildings,” said Magtanong. “He was speaking to the owners and all the workers were working. It showed me there are people who can make a difference and who do care.” According to Magtanong, the council has also worked towards rebuilding roadways and bridges.

Fingertip Facts: The Trade Bank of Iraq



TRADE BANK OF IRAQ

The bank was created in November 2003 and entered into a contract with: JPMorgan Chase, Standard Chartered Bank, Australia & New Zealand Bank, Bank Millennium SA, National Bank of Kuwait, Internationale Nederlanden Group, Bank Of Tokyo-Mitsubishi, Calyon, HypoVereinsbank AG, and SanPaolo IMI S.p.A.

Trade Bank Quick Facts:

- The bank's capital is \$100 million
- The bank's principal clients in Iraq are the government ministries and state owned enterprises
- In the near future will partner with Iraq's local private banks
- The bank has built partnerships with worldwide export credit agencies.
- The total number of employees: More than 100
- Conducts trade facilitation
- Auditors: Ernst & Young

The Board of Directors:

- Mr. Hussein Al-Uzri, Chairman of the Board
- The Ministry of Trade, represented by Mr. Fakher al Deen Mohammad Rashan, Vice Chairman
- The Ministry of Oil, represented by Dr. Radwan Hammudi al-Sa'adi Member
- The Ministry of Finance, represented by Mr. Abdul-Hadi Sadik Abdul-Mahdi
- The Central Bank of Iraq, represented by Dr. Mudher Mohammad Sale
- Secretary of the Board: Mr. Abdul-Khalik Mohammad Al-Shaboot

Products & Services

- Issuance of Commercial Letters of Credit for Import Purposes
- Confirmation and Advice of Commercial Letters of Credit for Export Purposes
- Confirmation and Advice for Standby letters of Credit
- Issuance of Local Performance Guarantees
- Issuance of Advance Payment Guarantees
- Insuring letters of credit through the support of Export Credit Agencies

Trade Bank Website: <http://www.tbiraq.com>

The Saab Al Bour Primary School Opens

Story and Photos by Sgt. 1st Class
Brent Hunt, 1st BCT PAO, 4th Inf. Div.)

CAMP TAJI, Iraq – The Saab al Bour Primary School opened its doors with Multi-National Division – Baghdad Soldiers on hand to pass out school supplies to the students starting the new school year. The school, north of Baghdad, recently underwent a \$144,000 refurbishment. All interior walls, bathrooms and administration offices were repaired. In addition, all the desks were either repaired or replaced, and each classroom now comes with a chalkboard. Approximately 1,000 students attend the primary school, with two of classes held daily for boys and girls.



“We had a school opening today, and this is one of eight schools we are refurbishing in this city,” said Capt. Holly Hanson, team leader, 414th Civil Affairs Battalion, attached to the 4th Infantry Division. “We brought them two school kits as a gift for their school opening. The school is now complete with its refurbishment. It’s good to know that we are helping with education here in Iraq. The community is happy we are helping with the schools.”

“I am glad the Americans are here helping us,” said Malga Hamid, assistant headmaster at the Saab al Bour Primary School. “Without them, our community would not be where it is today. It feels good knowing that there is someone that wants to help.”

Ministry of Electricity Online



Iraq Electricity Factoid: In 1917, Al Rasheed Street was the first illuminated street in Baghdad.

View their website:

http://www.iraqelectric.org/tozee_en.htm

Ad Diwaniyah Public Works Receives Three Vehicles from Poland



Three Polish vehicles were donated to Ad Diwaniyah Department of Public Works for sewage treatment utilization. The two vacuum trucks and one bulldozer will be used improve capabilities of the department as well as improve the sanitary conditions for Diwaniyah city inhabitants. (Photos Courtesy of Multinational Division Central South)

New Project to Correct Landfill Hazards

By Sgt. Antonieta Rico
Multi-National Force-Iraq

DAHUK, Iraq — Every morning the people of Dahuk glance at the sky and see a black cloud drifting over their city that carries the stench of burning garbage and the hazard of toxic chemicals.

“As an open dump method is practiced for waste disposal, rain water drainage through refuse can carry harmful substances to nearby streams and to water used for drinking,” stated Jamil Kassim Abdullah, a Dahuk engineer, in a study he submitted to the local government.

The Shakhke’ Sanitary Landfill serves the more than 400,000 citizens of the city of Dahuk. Other hazards he mentions include the potential dangers to the population from inhaling the landfill gases released during the burning of the trash, such as methane and carbon monoxide.

“They have a system but it cannot keep up with the demand,” said U.S. Navy Lt. Kim DaCosta, team leader for Civil Affairs Team A-2 (CAT).

As a result of the garbage health hazards, the CAT decided to join the local Dahuk government in building a new landfill. The multi-million dollar project for the new landfill will be completed in three phases. The first phase is the construction of the landfill site. The second phase will involve equipment procurement by the Dahuk local government to separate recyclables, metal, household furniture and such from the rest of the garbage. The third phase gets more sophisticated. Officials will attempt to separate the waste items and turn remaining compost into fertilizer. It is in this phase where the government intends to start making a profit.

The Dahuk economy is benefiting because the contractor for the project is local. Additionally, Dahuk public officials are taking the project lead.

USAID Seeking Ag Program Proposals



The United States Agency for International Development (USAID) Mission in Iraq is seeking proposals for its Inma Agricultural Program.

The Inma project will provide agricultural and business development services to beneficiaries in strategic locations in Iraq to promote economic diversification and job generation, with an emphasis on the growth of the agriculture and agribusiness sectors in the provincial, regional, and sub-regional economies.

For more information:

<http://www.fbo.gov/spg/AID/OM/BAG/RFP267%2D06%2D009/listing.html>

Police Station Electrical Upgrade



Petty Officer 1st Class Douglas Bennett removes the face-plate of a breaker box while Petty Officer 2nd Class Jumoke Freitas instructs him on the proper steps for connecting the box at an Iraqi police station. (Photo By Petty Officer 2nd Class Gregory N. Juday)

Sector Snapshots

Electricity Sector

Metric	Goals	Last two week average
Hours of electricity per Day throughout Iraq	10-12 hours	11 hours of electricity for Iraq
Hours of electricity per Day for Baghdad	10-12 hours	6.4 hours of electricity for Baghdad
MW power generated (Peak)	6,000 MW	4,048 MW of power generated
MW of reliable Transmission Capacity	6,000 MW	5,500 MW of reliable Transmission Capacity

Public Works and Water Sector

Goal	Last two week average
1.1 M m ³ /day water treatment capacity	422.5 K m ³ /day water treatment capacity
5.2 M additional Iraqis with access to potable water	2.1 M additional Iraqis with access to potable water
387,006 ha irrigated land	30,600 ha additional irrigated land

Oil Sector

Metric	Goal	Current Capacity
Crude Oil Production Capacity	3M barrels per day	2.5M barrels per day
LPG Production Capacity	3,000 metric tons per day	1,200 metric tons per day
Natural Gas Production Capacity	800M SCF/day	600M SCF/day

Source: Gulf Region Division Biweekly Report (Nov. 14-27)

Breakout of UK Assistance to Iraq

The Department for International Development (DFID) is the part of the UK Government that manages Britain's foreign assistance, similar to the U.S. Agency for International Development.



DFID has committed over £417 million for humanitarian and reconstruction assistance in Iraq since 2003. Approximately £356 million has been disbursed, as follows:

- £84.4 million to UN agencies in response to 2003 emergency appeals
- £31.5 million to the Red Cross and Red Crescent movement
- £78 million for reconstruction in southern Iraq
- £24.4 million for advisory support to central government, the justice sector, independent media, civil society and political participation
- £9.3 million for economic reform
- £24.3 million for secondments and consultants for the Coalition Provisional Authority (up to June 2004) and related security costs
- £70 million to the World Bank and UN International Reconstruction Fund Facility for Iraq – trust funds
- £5.7 million through NGOs
- £37.1 million for life support costs. This includes providing security to personnel as well as other costs such as food and accommodation. This is an integral part of our humanitarian and reconstruction program.



DFID has invested an estimated £78 million on essential infrastructure improvements in southern Iraq. This particular project at Al Hartha was overseen by an Iraqi contractor and helped create employment for 100 local people. Repairs to the chimney cost £750,000 and have taken a year to complete. Had it collapsed, it would have destroyed power supply equivalent to almost half of what is required for the city of Basrah. But now with DFID support, the Iraqi Ministry of Electricity, has secured the equivalent of 24 hour electricity supply to 85,000 Iraqi households.



Learn more about DFID: <http://www.dfid.gov.uk/>

Port Security Project Completed



A boat ramp and pier with a floating dock is a new U.S. Army Corps of Engineers project located on the Al-Faw peninsula, Iraq. The ramp and pier will add on to the capabilities of the Iraqi coast guard, border police and customs police to stem the flow of smuggling activities. The new facility provides the Iraqi police with a secure forward operating base along the Sha'at al-Arab waterway. Al-Faw peninsula is a marshy region adjoining the Persian Gulf. Its chief importance is its strategic location, which is controlling access to the Sha'at al-Arab and access to the port of Basrah. (Gulf Region Division Photo)

Rocket Attack on Pipeline



U.S. Army 2nd Lt. Matthew Lloyd directs emergency vehicles following a rocket attack on a pipeline feeding a 10,000 liter holding tank at the Northern Oil Company in Kirkuk, Iraq. (Photo by Staff Sgt. Samuel Bendet)

A Reconstruction Partnership



Office of the Assistant Secretary of the Army (ASA) for Acquisition, Logistics and Technology (ALT)

<https://webportal.saalt.army.mil/main/aae.htm>

Assistant Secretary: *The Honorable Claude M. Bolton, Jr.*

Principal Deputy to the ASA (ALT)/Director of Iraq Reconstruction and Program Management: *Mr. Dean Popps*



US Army Corps of Engineers - Gulf Region Division <http://www.grd.usace.army.mil/index.html>

Commanding General: *Brig. Gen. Michael J. Walsh, USA*



Joint Contracting Command – Iraq/Afghanistan <http://www.rebuilding-iraq.net>

JCC-IA provides responsive operational contracting support to the Chief of Mission and Multi-National Corps - Iraq to efficiently acquire vital supplies, services and construction in support of the Coalition Forces and the relief and reconstruction of Iraq.

Commander: *Maj. Gen. Darryl A. Scott, USAF*



Office of the Assistant Deputy Assistant Secretary of the Army (Policy and Procurement), Iraq

DASA(P&P)-I provides the necessary administrative and contracting support to the Chief of Mission, Project and Contracting Office, Multi-National Forces, and supports the humanitarian relief, reconstruction, and security of Iraq.

ADASA(P&P)-I: *Mr. Lee Thompson*



U.S. Department of State <http://www.state.gov>

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U.S. Agency for International Development <http://www.usaid.gov/iraq>

USAID is an independent federal government agency that receives overall foreign policy guidance from the Secretary of State. USAID supports long-term and equitable economic growth and advances U.S. foreign policy objectives by supporting: economic growth, agriculture and trade; global health; and, democracy, conflict prevention and humanitarian assistance.



For further Iraq reconstruction, transition, and sustainment information:

U.S. Department of Commerce: <http://www.export.gov/iraq>

U.S. Embassy in Iraq: <http://iraq.usembassy.gov>

U.S. Central Command: <http://www.centcom.mil>

Multi-National Force – Iraq: <http://www.mnf-iraq.com>

Multi-National Security Transition Command – Iraq: <http://www.mnstci.iraq.centcom.mil/>



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