

EEC GLOBAL OPERATION LLC

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Project:

Baghdad International Airport (BIAP)

Baghdad, Iraq

Owner: Iraqi Army

Application:

Manage domestic wastewater produced by the military personnel posted at Baghdad International Airport.

Specifications:

Influent: Wastewater generated by personnel use. No toxic materials or high phosphorous levels. BOD & TSS typically at 300 ppm.

Effluent standard: BOD: 20 mg/L; TSS: 30 mg/L

Flow capacity: 500,000 gpd

Personnel managed: Not specified

Components: 4 bio-reactors. Subgrade concrete equalization tanks and sludge tanks installed on-site by prime contractor (Weston Solutions).

History: Installed in 2009
Funded by U.S. Air Force
Installation administered by U.S. Army Corps of Engineers
Turned over to Iraqi Army for operation



The EEC container design included enclosures for the control equipment. Units match standard ISO sizing for U.S. military transport requirements.



Bio-reactors placed in series are readily expandable. Units are placed on a level, concrete pad. Units can be placed on compacted subgrade.



EEC's equipment is designed for operation by common laborers. EEC provided training to Iraqi Army personnel for system management.

EEC HIGH-SPEED BIO TEC – FULLY AUTOMATIC

“Flexibility” is the key word.

Easy to transport, relocate, and configure. Containerized and ready to operate.

Complete package plants possessing equalization, biodegradation, clarification, and sludge digestion capabilities.

EEC: TOTAL SOLUTION WASTEWATER & WATER COMPANY

REVERSE OSMOSIS – EVAPORATORS – RECYCLING SYSTEMS – CUSTOM DESIGN WWTP