

# Joint Chemical Biological Radiological Agent Water Monitor (JCBRAWM)

## INVESTMENT COMPONENT

Modernization
Recapitalization
Maintenance

### MISSION

To protect U.S. forces by detecting and identifying the presence of biological warfare agents, and radiological contaminant, in water supplies.

### DESCRIPTION

The Joint Chemical Biological Radiological Agent Water Monitor (JCBRAWM) provides a waterborne biological and radiological agent detection capability. JCBRAWM provides the ability to: detect, identify, and quantify chemical (future), biological, and radiological (CBR) contamination during three water-monitoring missions; source site selection/reconnaissance, treatment verification, and quality assurance of stored and distributed product water.

JCBRAWM will provide the first biological and radiological detection capability in water. The system is designed to be one-man portable for use by the warfighter. JCBRAWM provides detection and identification capability for two biological agents and detection of alpha and beta radiological contaminants in water. The system

performs biological detection and identification functions with an immunoassay ticket.

JCBRAWM leverages commercial technologies and fielded systems to the greatest extent possible. JCBRAWM will neither replace nor displace a current system, but rather supplements the currently fielded M272 Water Testing Kit (WTK).

### SYSTEM INTERDEPENDENCIES

Reverse Osmosis Purification Units, Modernization Mission Oriented Protective Posture (MOPP), Arctic MOPP, Fixed Sites (Ports/Airfields/FOB)

### PROGRAM STATUS

- **FY09:** Completed production verification testing
- **FY08:** Full-rate production, full materiel release and fielding of the system

### PROJECTED ACTIVITIES

- **FY10:** Continuation of fielding

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

**Joint Chemical Biological  
Radiological Agent Water Monitor  
(JCBRAWM)**

**FOREIGN MILITARY SALES**

None

**CONTRACTORS**

ANP Technologies (Newark, DE)

