

Joint Chemical Biological Radiological Agent Water Monitor (JCBRAWM)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Protects U.S. forces by detecting and identifying the presence of biological warfare agents and radiological contaminants in water supplies.

DESCRIPTION

The Joint Chemical Biological Radiological Agent Water Monitor (JCBRAWM) is a kit that provides a waterborne biological and radiological agent detection capability. The JCBRAWM kit is one-man portable and detects two biological toxins and radiation (alpha and beta particles) in drinking water. JCBRAWM provides the ability to detect and identify biological and radiological contamination during three water-monitoring missions: source site selection/reconnaissance, treatment verification, and quality assurance of stored and distributed product water. The system performs biological detection and identification functions with an immunoassay ticket and radiological detection using the fielded AN/PDR-77 (RADIAC) system and accessory package.

JCBRAWM leverages commercial technologies and fielded systems. JCBRAWM supplements the currently fielded M272 water-testing kit.

The system is being fielded to the Army and Navy.

SYSTEM INTERDEPENDENCIES

AN/PDR-77

PROGRAM STATUS

- **FY09:** Full-rate production; full materiel release
- **FY10:** Fielding to the services

PROJECTED ACTIVITIES

- **FY11:** Completion 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)

