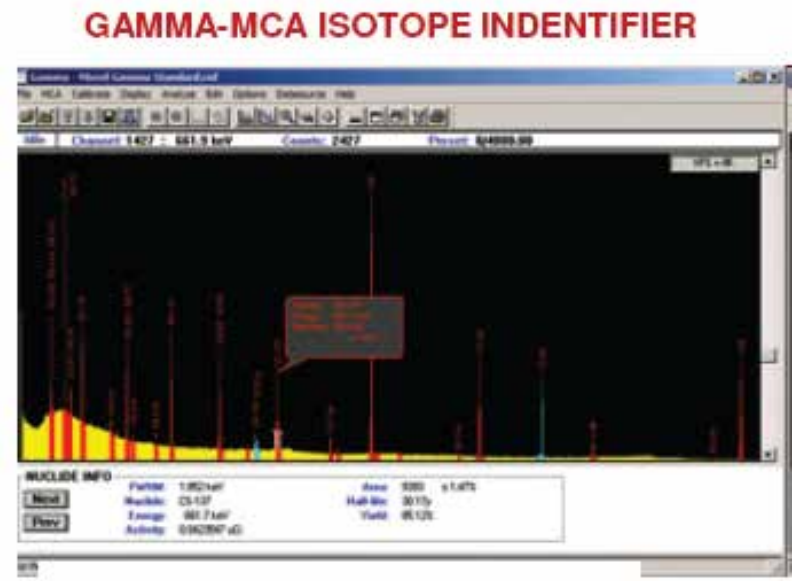
# Gamma Silt and Particulate Raw Water Monitor for Drinking Water Filtration and Wastewater Systems

## Model Series – RAWA-GP (Gamma) and RAWA-BGP (Beta Gamma)

**GAMMA-MCA**
**Isotope Identifier**




## Problem

RAW WATER such as Wastewater and effluent streams potentially carry radioactive materials. Up until now direct measurement entailed pulling samples, taking them or sending them to a lab, waiting for results, and paying a high monetary price for the results. This is a labor intensive, not timely, and not cost effective manner in which to detect radiation in water.

## Solution

For the first time in a **Continuous Real Time water monitor** the **RAWA-GP** solves this problem by continuously monitoring RAW WATER using a sensitive Gamma radiation detector. Monitor for both Beta and Gamma contamination with the RAWA-BGP.

The information from this detector is analyzed and displayed in units of picoCuries per liter or other units of choice.

The count times are user settable. Calculations are automatically updated every minute, every hour and every day. Measurements of radiation concentration and total discharge are logged 24 hours/day, 7 days/week. The longer update times correspond with greater precision and increased sensitivity. Using TA Tried and True sample collection and measurement technology this detector measures Gamma from siltand particulates in any radioactive liquids.

Both the **RAWA-GP** and the **RAWA-BGP** give high sensitivity measurement of Gamma and Beta emitting silts and particulates in RAW WATER with a built in Isotope Identifier.

Sensitivities in the daily updates meet or exceed the DHS PAG (Protective Action Guideline Levels) for drinking water.

CBRN Real - Time Air & Water Specialists

TA

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