

DIELDRIN UPDATES

YIGO

25FEB2026



TODO Y NILALA Y TANO MAN UNO
ALL LIVING THINGS OF THE EARTH ARE ONE



RECAP OF GUAM EPA ACTIONS THROUGH AUGUST 2025

Overseen and approved the installation and operation of GWA's Interim Filtration System

- ▶ System installed, commissioned on 10Oct2025
- ▶ 4 consecutive weekly tests from 11-30Oct2025 all NONDETECT (ND)
- ▶ Tier 1Public Notice lifted 13Nov2025
- ▶ GWA required to test monthly until at least Dec2026
 - ▶ All monthly results have been ND
 - ▶ Increased sampling is to verify no breakthrough
- ▶ Expect permanent system to be in place by mid-2026
- ▶ For more information:
 - ▶ Visit www.guamwaterworks.org or <https://www.guamwatersafety.com/>
 - ▶ Call (671) 647-7800 or 647-7803, Mon-Fri 7:30AM-6PM / Sat 8AM-12PM
 - ▶ Email: customers@guamwaterworks.org

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

Requested, had approved, and initiated a formal Public Health Assessment (PHA) for Yigo and/or Guam

- ▶ GEPA, DPHSS, and DOAG
- ▶ Currently scoping and compiling data
- ▶ Conducted by the Agency for Toxic Substances and Disease Registry (ATSDR)
 - ▶ Part of US Centers for Disease Control and Prevention (federal entity)
 - ▶ Population-level assessment
 - ▶ Will evaluate:
 - ▶ Concentrations of contaminant(s)
 - ▶ If and how people may be exposed
 - ▶ Potential harm to people
 - ▶ Other potential hazards in the area
 - ▶ Will help determine next steps, like a health study or public health actions
 - ▶ Study initiated Jan2026; expected to take 18-24 months
 - ▶ ZERO cost to Guam

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

Initiated joint farm inspections in Yigo with Guam Department of Agriculture

- ▶ 8 inspections have been conducted
 - ▶ ZERO findings of storage or use of illegal pesticides
- ▶ Expect lower concentrations in crops because of lack of dieldrin in water
 - ▶ Don't know soil concentrations
- ▶ Sampling plan in development for commercial farms
 - ▶ Crops
 - ▶ Soil
 - ▶ Have requested cost estimates from various labs and locations
 - ▶ Expected cost ~\$100,000 plus shipping
- ▶ Livestock:
 - ▶ Bee wax has been sent for testing
 - ▶ Evaluating best way to test and/or evaluate livestock

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

Updated Risk Assessment Document (RAD) for Dieldrin Interim Action Level (IAL)

- ▶ Includes requirements to lift an advisory
 - ▶ After installation of adequate approved treatment
 - ▶ Increased monitoring requirements
- ▶ Includes increased monitoring requirements after a dieldrin detection
- ▶ Clarifies when the IAL is exceeded, and monitoring requirements after an exceedance
- ▶ Includes reentry, monitoring, and notification requirements for wells previously removed from production because of dieldrin concentrations
- ▶ Updates advisory language to be consistent with US EPA-approved language for other pesticides similar to dieldrin
- ▶ Public comment period was 26 Nov-17 Dec 2025

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

Updated Risk Assessment Document (RAD) for Dieldrin Interim Action Level (IAL)

- ▶ Public comment period completed, and public hearing held 17Dec2026
- ▶ Comment summary:
 - ▶ From private citizen (1)
 - ▶ requesting clarification in language on approved systems for reimbursement
 - ▶ From GWA (14)
 - ▶ Request to consider/evaluate 3rd party organizations who claim to certify to NSF/ANSI 53 and/or 401 standards
 - ▶ Requests to add specificity to several sections of the RAD
 - ▶ Monitoring requirements, compliance periods, separate section on how to lift advisory, etc
 - ▶ Suggestion to add the other available sources of safe drinking water (not just DPHSS-approved drinking water vendors)

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

Updated Risk Assessment Document (RAD) for Dieldrin Interim Action Level (IAL)

- ▶ Based on comments received, GEPA made substantive changes
 - ▶ Widened the list of acceptable POE/POU systems for installation and potential reimbursement
- ▶ **Open again for public comment 26 Feb-06 Mar 2026**
 - ▶ **Public hearing 1500hrs on 06 Mar 2026**
 - ▶ at Guam EPA Administration Building
 - ▶ Available at Guam EPA Admin Building and on Guam EPA's webpage
 - ▶ <https://epa.guam.gov/dieldrin-information/>

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

Formal request sent to Joint Region Marianas

- ▶ From US EPA and Guam EPA
 - ▶ To undertake an investigation of possible sources of dieldrin at Andersen Air Force Base
 - ▶ Based on publicly available data:
 - ▶ <https://cumulis.epa.gov/supercpad/SiteProfiles/index.cfm?fuseaction=second.scs&id=0902825&doc=Y&colid=36300®ion=09&type=SC>
- ▶ Requested JRM to prepare and submit a workplan NLT 27 Feb 2026
 - ▶ Workplan will identify scope of study and next steps
- ▶ JRM has been in compliance of CERCLA (Superfund) requirements, including following Pesticides Soils Management Plan

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

- ▶ Evaluating possibility to have samples collected during FY 2025 National Coastal Survey analyzed for dieldrin
 - ▶ Approximately 270 fish tissue samples from 55 locations around the Island
 - ▶ Cost ~\$50,000
 - ▶ From Guam EPA's current emerging contaminant grant funding
- ▶ Evaluating inclusion of dieldrin testing for samples to be collected in FY 2026 Wetlands Assessment
- ▶ Continue to work with WERI Principal Hydrologist, Dr. Nathan Habana and Ms Clare Snaer to evaluate hydrology

GUAM EPA ACTIONS SINCE SEPTEMBER 2025

- ▶ Public hearing for proposed updates to the RAD on
 - ▶ 06 Mar 2026 at 1500hrs
 - ▶ Guam EPA Admin Building 17-3304 Mariner Ave, Tiyan Barrigada
- ▶ Continued coordination with JRM and US EPA on investigation
- ▶ Continued coordination with ATSDR on PHA
- ▶ Continued coordination with GovGuam Agencies and other partners

NEXT STEPS

- ▶ Guam EPA Dieldrin Hotline: 671.888.4342
 - ▶ Monday-Friday, 0800- 1700hrs
- ▶ Guam EPA Dieldrin Information Website:
 - ▶ <https://epa.guam.gov/dieldrin-information/>
- ▶ Slides will be available on Guam EPA website by 26 Feb 2026



QUESTIONS AND RESOURCES