

Services for Existing Monitoring Wells

Many Installations have numerous monitoring wells installed over the course of several decades. Usually, there is no method of accounting for all wells or to determine if they are functional or even still required. Most deteriorated wells represent direct conduits to ground-water aquifers from natural or intentional pollution. The Ground Water and Solid Waste Program (GWSWP) has developed the following services to address these issues.

Monitoring Well Inventory

- Review installation, county, state, and other records to locate all wells on the installation
- Verify all well locations for accuracy and obtain Global Positioning System coordinates
- Determine relevant physical characteristics and condition of wells
- Develop uniform numbering system for all wells
- Create database for organizing and utilizing well data
- Develop accurate well location maps using Geographic Information System (ArcView GIS)



Site Specific or Installation-Wide Monitoring Program

- Develop new ground-water monitoring programs
- Evaluate or update existing ground-water monitoring programs
- Monitor ground-water flow onto and off installation
- Perform seasonal ground-water level monitoring
- Estimate aquifer characteristics through Slug/pump testing

Well Maintenance and Rehabilitation

- Add, repair, or replace protective casings, concrete pads, and monitoring well locks
- Ensure all wells are properly registered
- Complete well inspection reports for all wells
- Rehabilitate or replace old, non-functional wells

Well Decommissioning

- Identify wells that are no longer needed
- Decommission wells based on State and/or USEPA regulations and standards
- Complete necessary decommissioning forms

The GWSWP can provide all services in a cost effective, timely manner for Active Army, Army Reserve, National Guard and other Department of Defense installations.



GROUND WATER AND SOLID WASTE PROGRAM

Additional Program Capabilities:

- The GWSWP also conducts field investigations using in-house drilling and direct push technology. Typical applications include installation of ground-water monitoring wells and multimedia sampling for CERCLA and RCRA compliance actions and Underground Storage Tank investigations.
- Solid Waste services include Integrated Solid Waste Management Plans, identifying recycling and pollution prevention opportunities, and Affirmative Procurement training.
- Additional services available

For more information,
Contact Mr. John Bauer
Program Manager
Ground Water and Solid Waste Program
USACHPPM
410-436-2024 or DSN 584-2024
or email:
John.Bauer@amedd.army.mil

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<http://chppm-www.apgea.army.mil/gswwp>

US Army Center for Health Promotion
and Preventive Medicine
ATTN: MCHB-TS-EGW
5158 Blackhawk Road
APG, MD 21010-5403
410-436-2024; DSN 584-2024
Fax: 410-436-5237; DSN 584-5237

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