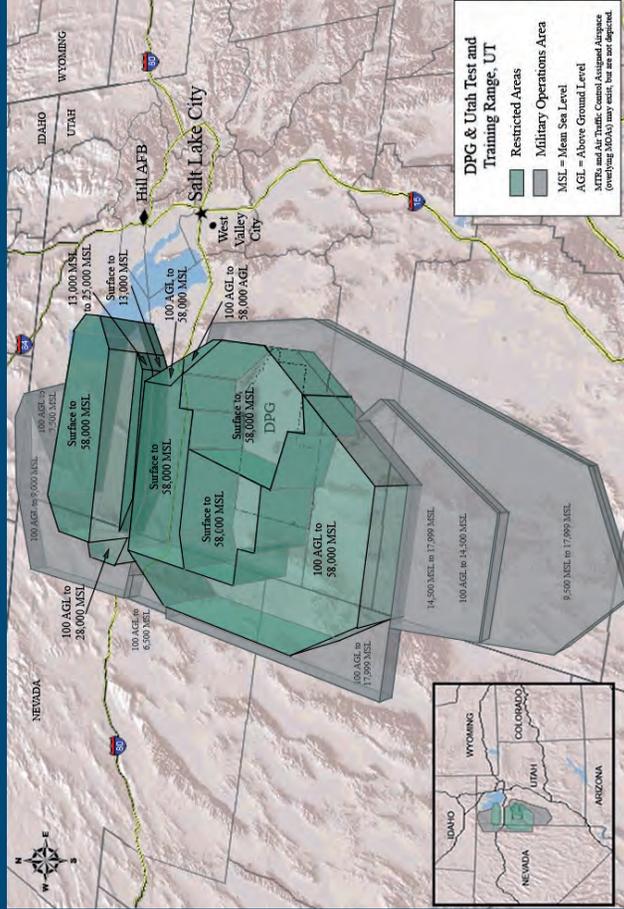


Chemical Testing at DPG

- Full-spectrum chemical testing and analysis
- Traditional & emerging chemical threat replication in laboratories, chambers & real-world field environments
- Live agent or simulant testing
- TIC/TIM testing capabilities
- Large and small scale decontamination testing, including aircraft
- Full-scale testing of large military hardware
- Chemical synthesis & analysis



DUGWAY PROVING GROUND

ATEC

www.dugway.army.mil

DPG

U.S. ARMY

Dugway Proving Ground

Chemical Test Division



Advanced Capabilities

Full-spectrum testing from bench-top to chamber to field

Live agent or simulant testing for:

- Chemical detectors
- Individual and collective protection
- Decontamination systems

Novel closures and large filter testing

Instrument development, evaluation & testing

Test fixture design and test method development

Separation, quantification and identification of chemicals

Controlled chemical vapor challenge

Experts in safety air monitoring

Facilities & Fixtures

1,900-m² decontamination pad with overspray mitigation

3,250-m² chemical test facility with 30 fully-instrumented laboratories and over

8 test chambers up to 230 m² with full environmental controls

Dynamic Test Chamber for simultaneous testing of multiple point detection systems

SMARTMAN (Simulant Agent Resistant Test Mannequin) for testing individual protection respiratory equipment

Swatch & filter test fixtures

Contact:



Public Affairs (general inquiries): 435-831-2116

West Desert Test Center (inquiries regarding all Dugway testing & training): 435-831-5382

Chemical Test Division (chem): 435-831-7097

Chemical Field Testing

Over 400 km² of field test range

Field tests include:

- CBRN point and standoff detectors
- CBRN reconnaissance systems
- Collective protection systems
- CBRN decontamination systems

Field referee systems include:

- Photoionization detectors
- MINICAMS[®]
- Point & standoff FTIR
- IR cameras
- Solid sorbent tubes

Accreditation/Compliance

- Safety Air Monitoring Quality System registered by CASARM as meeting all requirements for ISO 9001:2008 Quality System Standard

