



ACQUISITION,
TECHNOLOGY
AND LOGISTICS

OFFICE OF THE UNDER SECRETARY OF DEFENSE

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MEMORANDUM FOR DEPUTY ASSISTANT SECRETARY OF THE ARMY
(ENVIRONMENT, SAFETY, AND OCCUPATIONAL HEALTH)
DEPUTY ASSISTANT SECRETARY OF THE NAVY
(ENVIRONMENT)
DEPUTY ASSISTANT SECRETARY OF THE AIR FORCE
(ENVIRONMENT, SAFETY, AND OCCUPATIONAL HEALTH)

SUBJECT: Operational Range Assessment Screening Values and Process Flow Chart

Department of Defense Directive (DoDD) 4715.11, "Environmental and Explosives Safety Management on Department of Defense and Active and Inactive Ranges Within the United States," and Department of Defense Instruction (DoDI) 4715.14, "Operational Range Assessments," require each DoD Component to assess its operational ranges within the continental United States to determine whether there is a release or a substantial threat of a release of munitions constituents of concern from an operational range to an off-range area that creates an unacceptable risk to human health or the environment. Each Military Department has developed their own Operational Range Assessment Program (ORAP) and provides their own direction and guidance for conducting its range assessments.

To promote consistency across DoD, OSD developed screening levels for the Military Departments to compare surface water, ground water, and sediment sampling data. Because the original screening levels are out of date, OSD's ORAP workgroup updated the screening levels (Attachment 1) from a hierarchy of sources with recognized authority, acceptance, and applicability. The Military Departments will use these screening values with a list of munitions constituents contained in munitions used during various operational range activities. This list does not include all munitions constituents, nor should the Military Departments evaluate all of the munitions constituents listed at every range they investigate.

Each Military Department will consider the munitions used and source, pathway, and receptor characteristics to determine the specific munitions constituents they will evaluate during each range assessment. These updated screening values are effective immediately. The ORAP workgroup will review the screening values at least annually, or as appropriate, and post them to the DoD Environment, Safety, and Occupational Health Network and Information Exchange (DENIX).

The ORAP workgroup has also developed a process flow chart (Attachment 2) as a quick reference guide for DoD personnel. This flow chart, which will be posted on DENIX, is intended to clarify: (1) critical points in the ORAP process, and (2) internal and external reporting requirements.

My point of contact on this matter is Ms. Deborah Morefield at (703) 571-9067 or deborah.morefield@osd.mil.

A handwritten signature in black ink that reads "MSullivan". The signature is written in a cursive style with a small heart symbol above the letter 'i'.

Maureen Sullivan
Director, Environment, Safety, and Occupational Health

Attachments:
As stated.