



## DoD MANUAL 4715.25

# DoD ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM (ELAP)

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**Originating Component:** Office of the Under Secretary of Defense for Acquisition and Sustainment

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**Purpose:** In accordance with the authority in DoD Directive 5134.01, the guidance in DoD Instruction (DoDI) 4715.15, and the July 13, 2018 Deputy Secretary of Defense Memorandum, this manual implements policy, assigns responsibilities, and provides procedures to be used by DoD personnel for the operation and management of the DoD ELAP.

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## **SECTION 1: GENERAL ISSUANCE INFORMATION**

**1.1. APPLICABILITY.** This manual applies to OSD, the Military Departments, the Office of the Chairman of the Joint Chiefs of Staff and the Joint Staff, the National Guard Bureau, the Combatant Commands, the Office of the Inspector General of the Department of Defense, the Defense Agencies, the DoD Field Activities, and all other organizational entities within the DoD (referred to collectively in this manual as the “DoD Components”).

**1.2. POLICY.** It is DoD policy in accordance with DoDI 4715.15 to implement the DoD ELAP for the collection of definitive data in support of the Defense Environmental Restoration Program (DERP) at all DoD operations, activities, and installations, including government-owned, contractor-operated facilities and formerly used defense sites.

**1.3. SUMMARY OF CHANGE 2.** This change is administrative and updates references and organizational symbols to reflect the reorganization of the Office of the Under Secretary of Defense for Acquisition, Technology, and Logistics, pursuant to the July 13, 2018 Deputy Secretary of Defense Memorandum.

## **SECTION 2: RESPONSIBILITIES**

**2.1. SECRETARIES OF THE MILITARY DEPARTMENTS AND DIRECTOR, DEFENSE LOGISTICS AGENCY (DLA).** The Director, DLA, is under the authority, direction, and control of the Under Secretary of Defense for Acquisition and Sustainment, through the Assistant Secretary of Defense for Logistics and Materiel Readiness. The Secretaries of the Military Departments and Director, DLA:

- a. Provide resources to support project-specific government oversight for the collection of definitive data in support of the DERP.
- b. Provide resources to support project-specific laboratory approvals, if required.

**2.2. SECRETARY OF THE NAVY.** In addition to the responsibilities in Paragraph 2.1., the Secretary of the Navy (SECNAV) plans, programs, and budgets for DoD Environmental Data Quality Workgroup (EDQW) activities necessary to support government oversight of the DoD ELAP.

## **SECTION 3: DoD ELAP OVERVIEW**

### **3.1. INTRODUCTION.**

a. The DoD ELAP provides a unified DoD program through which commercial environmental laboratories can voluntarily demonstrate competency and document conformance to the international standard established in International Organization for Standardization (ISO)/International Electrotechnical Commission (IEC) 17025:2005, as implemented by the December 5, 2000 Deputy Under Secretary of Defense for Environmental Security Memorandum (referred to in this manual as the “DoD Quality Systems Manual for Environmental Laboratories (QSM)”). The DoD QSM provides minimum quality systems requirements, based on ISO/IEC 17025:2005, for environmental laboratories performing testing for DoD.

b. The DoD ELAP was developed in compliance with Section 3701 of Title 15, United States Code (also known as the “National Technology Transfer and Advancement Act”). Support and guidance was provided by the National Institute of Standards and Technology, following procedures used to establish similar programs for other areas of testing. The DoD ELAP supports implementation of Section 515 of Public Law 106-554 and Page 8452 of Volume 67, Federal Register, as implemented by the February 10, 2003 Deputy Secretary of Defense Memorandum.

c. Using third party accreditation bodies (ABs) operating in accordance with the international standard ISO/IEC 17011:2004(E), the DoD ELAP:

- (1) Promotes interoperability among the DoD Components.
- (2) Promotes fair and open competition among commercial laboratories.
- (3) Streamlines the process for identifying and procuring competent providers of environmental laboratory services.
- (4) Promotes the collection of data of known and documented quality.

**3.2. AUTHORITY.** Operation of the DoD ELAP is authorized by DoDI 4715.15.

### **3.3. PROGRAM REQUIREMENTS.**

a. Pursuant to DoDI 4715.15, laboratories seeking to perform testing in support of the DERP must be accredited in accordance with the DoD ELAP.

b. The DoD ELAP applies to:

- (1) Environmental programs at DoD operations, activities, and installations, including government-owned, contractor-operated facilities and formerly used defense sites.

(2) Permanent, temporary, and mobile laboratories regardless of their size, volume of business, or field of accreditation that generate definitive data.

c. Participation in the program is voluntary and open to all laboratories that operate under a quality system conforming to the DoD QSM. Laboratories may seek accreditation for any method they perform in accordance with documented procedures, including non-standard methods. Laboratories are free to select any participating AB for accreditation services.

d. To participate in the DoD ELAP, ABs must be U.S.-based signatories to the International Laboratory Accreditation Cooperation (ILAC) mutual recognition arrangement (MRA) and must operate in accordance with ISO/IEC 17011:2004(E).

**3.4. PROGRAM OVERSIGHT.** In accordance with the October 1, 2010 Assistant Deputy Under Secretary of Defense for Installations and Environment Memorandum, the DoD EDQW:

- a. Provides coordinated responses to legislative and regulatory initiatives.
- b. Responds to requests for DoD Component information.
- c. Develops and recommends department-wide policy related to sampling, testing, and quality assurance for environmental programs.
- d. Implements and provides oversight for the DoD ELAP.
- e. Includes technical experts from the Military Services and DLA as well as an EDQW component principal (voting) member from each of the Military Services.
- f. Specifies the EDQW Navy principal, Director of Naval Sea Systems Command (NAVSEASYS COM) 04XQ(LABS), serve as EDQW chair.

## **SECTION 4: MAINTAINING THE DoD QSM**

**4.1. GENERAL.** The DoD EDQW will maintain and improve the DoD QSM to ensure that:

- a. The DoD QSM remains current in accordance with ISO/IEC 17025:2005.
- b. Minimum essential requirements are met.
- c. Requirements are clear, concise, and auditable.
- d. The DoD QSM will efficiently and effectively support the DoD ELAP.

### **4.2. PROCEDURES.**

**a. Annual Review.** At a minimum, the DoD EDQW will perform an annual review of the DoD QSM, based on feedback received from participants in the DoD ELAP (e.g., DoD Components, commercial laboratories, and ABs). The review will also address any revisions to ISO/IEC 17025:2005.

**b. Ongoing Review.** As received, the DoD EDQW will respond to questions submitted through the Defense Environmental Network Information Exchange (DENIX) concerning the interpretation of DoD QSM requirements. DoD EDQW participants will forward all questions through their EDQW component principal to the DoD EDQW chair.

**c. Issuances.** The DoD EDQW chair will prepare DoD QSM updates:

(1) **Correspondence.** The DoD EDQW chair, in consultation with the EDQW component principals, will prepare correspondence (e-mail or memorandum) providing responses to all written requests for clarification and interpretation of the DoD QSM. Depending on the significance of the issue, as determined by the EDQW chair, the response may also result in a posting to the frequently asked question (FAQ) section of the appropriate websites.

(2) **Errata Sheets.** Minor corrections to the DoD QSM, such as typographical errors, may be made by the issuance of an errata sheet defining “pen and ink” changes that apply to the current version of the DoD QSM. Following concurrence by all EDQW component principals, errata sheets will be issued as needed by the DoD EDQW chair. Errata will be corrected in the next change or revision to the DoD QSM.

(3) **Changes.** Changes to the DoD QSM will be issued as necessary to reflect minor changes to requirements or clarifications of existing requirements that are necessary to ensure consistent implementation. Following concurrence by the EDQW component principals, changes will be issued by the DoD EDQW chair in the form of a complete DoD QSM.

(a) The first change to DoD QSM Version 4 will be numbered Version 4.1, the second change will be Version 4.2, etc.



(b) Changes to the DoD QSM will be posted on DENIX in place of the previous version or change of the DoD QSM.

(4) **Revisions.** A revision will be issued if one or more of the proposed changes could reasonably be expected to affect a laboratory's ability to comply with the requirement (i.e., the laboratory is likely to have to make a change in its quality system or technical procedures).

(a) Once EDQW component principals have reached consensus on the proposed revision, the DoD EDQW chair will forward the proposed revision to all participating DoD ELAP-accredited laboratories and ABs for review.

(b) The DoD EDQW will review and respond to comments received from the DoD ELAP-accredited laboratories and ABs within the designated comment period.

(c) Following concurrence by the EDQW component principals, revisions will be issued by the DoD EDQW chair in the form of a complete DoD QSM.

(d) A revision of Version 4 will be issued as Version 5, a revision of Version 5 will be issued as Version 6, etc.

(e) The final revised version of the DoD QSM will be posted on DENIX in place of the previous version including any DoD QSM updates.

**4.3. CONTINUAL IMPROVEMENT.** The DoD EDQW will meet with the ABs on an annual basis to review lessons learned and identify additional opportunities for continual improvement of the DoD ELAP and the DoD QSM.

**4.4. DATA AND RECORDS MANAGEMENT.** Through NAVSEASYSCOM, the DoD EDQW will maintain all DoD QSM updates in accordance with SECNAV Manual M-5210.1.

## **SECTION 5: RECOGNIZING ABS**

### **5.1. GENERAL.**

a. The DoD EDQW will:

(1) Use the procedures in this section to evaluate and recognize third-party ABs in support of the DoD ELAP.

(2) Develop and maintain the application for recognition, the conditions and criteria for recognition and related forms, and review submitted AB applications for completeness and compliance with DoD ELAP requirements.

b. The DoD EDQW chair, following consultation with and concurrence by the EDQW component principals, grants or revokes AB recognition in accordance with this section.

**5.2. LIMITATIONS.** Candidate ABs must be U.S.-based signatories in good standing to the ILAC MRA. ABs must maintain ILAC recognition to maintain DoD ELAP recognition. Because the EDQW continually monitors AB performance, no pre-defined limits are placed on the duration of recognition; however, the EDQW may revoke recognition at any time, for cause, in accordance with Paragraph 5.3.g.

### **5.3. PROCEDURES.**

a. Upon receipt of an application for recognition, the DoD EDQW will review the application package for completeness. A complete application package must include:

(1) Application for recognition.

(2) Signed acceptance of the conditions and criteria for DoD ELAP recognition.

(3) Electronic copy of the AB's quality systems documentation.

(4) Copy of the most recent ILAC MRA peer evaluation documentation.

b. If necessary to complete the review, the DoD EDQW will request additional documentation from the applicant.

c. The EDQW component principals will review the application package for compliance with requirements. Prior to granting recognition, the EDQW component principals must unanimously concur that all application requirements have been met.

d. Once the EDQW component principals have completed review of the application package, the DoD EDQW chair will notify the AB, either granting recognition or citing specific reasons for not doing so (i.e., indicating which areas of the application package are deficient).

e. Once recognition has been granted, the DoD EDQW chair will post the name and contact information of the AB on DENIX.

f. With unanimous concurrence, the EDQW component principals may revoke recognition if the AB:

- (1) Violates any of the conditions or criteria for recognition.
- (2) Fails to operate in accordance with its documented quality system.

g. Should it become necessary to revoke an AB's recognition, the DoD EDQW chair will notify the AB stating specific reasons for the revocation and remove the AB's name from the list of DoD ELAP-recognized ABs.

h. If recognition is revoked, the AB must immediately cease to perform all DoD ELAP assessments.

i. ABs who have been denied recognition, or ABs whose recognition has been revoked, may appeal that decision.

(1) Within 15 calendar days of its receipt of a notice denying or revoking recognition, the AB must submit to the DoD EDQW chair a written statement with supporting documentation contesting the denial or revocation.

(2) The submission must demonstrate that:

(a) Clear, factual errors were made by the DoD EDQW during the review of the AB's application for recognition; or

(b) The decision to revoke recognition was based on clear, factual errors, and that the AB would have been determined to meet all requirements for recognition if those errors had been corrected.

j. The DoD EDQW will have up to 30 calendar days to review the appeal and provide written notice to the AB either accepting the appeal and granting, or restoring recognition, or explaining the basis for denying the appeal.

**5.4. CONTINUAL IMPROVEMENT.** The DoD EDQW will meet with ABs on an annual basis to review lessons learned and identify additional opportunities for continual improvement of the DoD ELAP. On a 5-year cycle, at minimum, the DoD EDQW will evaluate whether the process for evaluating and recognizing ABs is continuing to meet DoD needs.

**5.5. DATA AND RECORDS MANAGEMENT.** Through NAVSEASYS COM, the DoD EDQW, will maintain copies of all application packages and associated documentation in accordance with SECNAV Manual M-5210.1.

## **SECTION 6: PERFORMING GOVERNMENT OVERSIGHT**

**6.1. GENERAL.** DoD personnel will use the procedures in this section to perform and document government oversight of the DoD ELAP. Government oversight will include monitoring the performance of AB assessors during laboratory assessments, reviewing laboratory assessment reports, observing ILAC MRA peer evaluations, and evaluating AB websites for content on accredited laboratories.

### **6.2. LIMITATIONS.**

a. DoD personnel performing oversight must observe, but must not participate in, laboratory assessments or ILAC MRA peer evaluations. Specifically, DoD personnel must not:

(1) Offer specific advice to the laboratory regarding the development or implementation of quality systems or technical procedures;

(2) Offer specific advice or direction to assessors or peer evaluators regarding accreditation processes, assessment procedures, or documentation of findings; or

(3) Impede assessors, peer reviewers, or laboratory personnel in any way during the performance of their work, including technical procedures, document reviews, observations, interviews, and meetings.

b. If, during the course of an assessment, questions by laboratory personnel or assessors are directed to DoD personnel, personnel must limit responses to specific text from the DoD QSM or published FAQs. DoD personnel must not render opinions regarding interpretation of the DoD QSM. If there are questions about the DoD QSM that require interpretation, DoD personnel must advise the assessor to contact the AB who may, if necessary, contact the DoD EDQW chair for a coordinated response.

c. If DoD personnel observe any evidence of inappropriate practices on the part of assessors or laboratory personnel during the course of the assessment, they must record the observations and notify the DoD EDQW chair immediately (inappropriate practices are identified in the DoD QSM). DoD personnel must not call either the laboratory's or the assessor's attention to the specific practice in question.

**6.3. PERSONNEL QUALIFICATIONS.** DoD personnel or contractors performing oversight must:

a. Meet the government chemist or contractor project chemist requirements contained in the December 4, 2007 Under Secretary of Defense for Acquisition, Technology, and Logistics (USD(AT&L)) Memorandum.

b. Have a working knowledge of the DoD QSM requirements and be familiar with environmental test methods and instrumentation.

c. Obey all laboratory instructions regarding health and safety precautions while in the laboratory.

#### **6.4. PROCEDURES.**

a. The DoD EDQW will maintain an up-to-date calendar of scheduled assessments and peer evaluations based on input from the ABs, peer evaluators, and assigned oversight personnel.

b. Once an assessment or peer review has been scheduled, the EDQW component principals will determine if DoD oversight of the activity will be performed. The goal will be to observe a representative number of activities for each AB.

c. The EDQW component principals will provide the DoD EDQW chair the names of personnel from their respective DoD Components who will participate in the oversight.

d. The DoD EDQW chair will provide the AB with contact information for the oversight personnel.

e. If two or more DoD personnel are scheduled to monitor the assessment, the DoD EDQW chair will designate a lead that will be responsible for compiling an oversight report.

f. The lead for the oversight activity will request a copy of the assessment plan from the AB's lead assessor and distribute it to other oversight personnel.

g. The lead will review the assessment plan to determine the scope of accreditation and ensure that oversight personnel are assigned to monitor a cross-section of the assessment.

h. Persons performing oversight will review previous oversight reports, if available, for the particular AB and assessors performing the assessment.

i. Observing all health and safety protective measures, oversight personnel must accompany the assessor(s) as they witness procedures and conduct interviews, taking care not to interfere with the assessment.

**6.5. REPORTING.** Within 15 calendar days of the onsite assessment, the lead for the oversight activity will complete an oversight report and forward the completed report through the appropriate EDQW component principal to the DoD EDQW chair.

a. The DoD EDQW chair will provide copies of the report to the EDQW component principals for review.

b. After review by the EDQW component principals, the DoD EDQW chair will provide a summary of the oversight report to the AB performing the assessment.

**6.6. HANDLING DISPUTES.** Laboratories must follow the AB's dispute resolution process for all disputes concerning the assessment or accreditation of the laboratory, including

disagreements involving an interpretation of the DoD QSM arising during the accreditation process.

a. In the event the laboratory and the AB are unable to resolve a disagreement concerning the interpretation of the DoD QSM, either the laboratory or the AB may request the DoD EDQW provide an interpretation of the DoD QSM. The DoD EDQW chair will provide a written response to the laboratory and the AB providing the DoD authoritative interpretation of the DoD QSM. No review of this interpretation will be available to the laboratory or the AB.

b. The DoD EDQW will not consider or take a position on requests by either a laboratory or an AB on a dispute concerning accreditation of the laboratory.

**6.7. CONTINUAL IMPROVEMENT.** The DoD EDQW will:

a. Review the ABs' assessment reports and the DoD oversight reports to evaluate the thoroughness, consistency, objectivity, and impartiality of the DoD ELAP assessments.

b. Compare assessment reports across laboratories, ABs, and assessors.

c. Compare DoD ELAP findings to findings from previous assessments.

d. Identify opportunities for continual improvement of the DoD ELAP.

e. Meet with ABs on an annual basis to review lessons learned and identify additional opportunities for continual improvement of the DoD ELAP.

**6.8. DATA AND RECORDS MANAGEMENT.** Through NAVSEASYSKOM, the DoD EDQW will maintain copies of all oversight reports in accordance with SECNAV Manual M-5210.1.

## **SECTION 7: CONDUCTING PROJECT-SPECIFIC LABORATORY APPROVALS**

**7.1. GENERAL.** The DoD EDQW will use the procedures in this section to conduct project-specific laboratory approvals for specific tests in the rare instances when DoD is unable to identify a DoD ELAP-accredited laboratory capable of providing the required services. This will ensure that competent laboratories are used to support DoD environmental projects. Examples of these rare instances include:

- a. The required method, matrix, or analyte is not included in the scope of accreditation for any existing DoD ELAP-accredited laboratories.
- b. The required method, matrix, and analyte combination is included in the scope of accreditation for an existing accredited laboratory; however, the laboratory is unable to meet one or more of the project-specific measurement performance criteria.

### **7.2. LIMITATIONS.**

- a. Project-specific laboratory approvals are not to be used as substitutes for the required DoD ELAP-accreditation.
- b. The DoD EDQW will not perform project-specific laboratory approvals in cases where one or more DoD ELAP-accredited laboratories capable of meeting project-specific requirements are available.
- c. The project-specific laboratory approval is a one-time approval, the specific terms of which will be outlined in the approval notice issued by the DoD EDQW.

**7.3. PERSONNEL QUALIFICATIONS.** DoD personnel and contractors assessing laboratories for the purpose of performing project-specific laboratory approvals must meet the government chemist or contractor project chemist requirements contained in the December 4, 2007 USD(AT&L) Memorandum. Personnel must have a working knowledge of the DoD QSM requirements and be familiar with required environmental test methods and instrumentation.

### **7.4. PROCEDURES.**

- a. If a project-specific laboratory approval is requested, the DoD EDQW will request and review a copy of the project's quality assurance project plan (QAPP).
- b. If, after review of the QAPP, the DoD EDQW determines that an existing DoD ELAP-accredited laboratory is available to provide the required services, the laboratory contact information will be provided to the project manager requesting assistance.

c. If, after review of the QAPP, the DoD EDQW determines that no existing DoD ELAP-accredited laboratory is available to provide the required services, the DoD EDQW will:

(1) Work with the project team to determine whether the use of alternative procedures by an existing DoD ELAP-accredited laboratory is feasible;

(2) Determine if the required services can be added to the scope of accreditation of an existing DoD ELAP-accredited laboratory; or

(3) Work with the project team to identify a candidate laboratory for project-specific laboratory approval.

d. If a project-specific approval is needed, the DoD EDQW will:

(1) Determine the type of assessment required (on-site, document review, etc.).

(2) Determine if additional funding is required to support the assessment. If additional funding is required, the DoD EDQW will provide a cost estimate and work with the project manager to establish funding.

e. If the DoD EDQW determines that a project-specific laboratory approval is warranted and resources (including funding and technical expertise) are available to support the assessment, the DoD EDQW chair will coordinate with the EDQW component principals to appoint an assessment team with appropriate technical backgrounds.

f. The DoD EDQW chair will designate an assessment team leader. The assessment team leader will:

(1) Request the documentation needed to perform the assessment.

(2) Assign responsibilities for individual members of the assessment team, if appropriate.

(3) Coordinate the document reviews.

(4) Lead the assessment team in the performance of the on-site assessment, if required.

(5) Provide a report to the DoD EDQW chair. The report will identify whether:

(a) The laboratory is capable of meeting all project-specific requirements.

(b) Documentation procedures are in place to provide data that are scientifically valid, defensible, and reproducible.

(c) Any deficiencies must be corrected prior to granting the project-specific laboratory approval.

g. The DoD EDQW chair, with concurrence by the EDQW component principals, will issue a report to the project manager and laboratory detailing the results of the assessment and any deficiencies that must be corrected prior to granting a project-specific laboratory approval.



h. Upon receipt of the laboratory's corrective action response, if required, the assessment team will:

(1) Review the laboratory's corrective action response for resolving the deficiencies.

(2) Provide the EDQW component principals with a final report describing the resolution of findings and containing recommendations on whether to grant the project-specific laboratory approval.

i. The DoD EDQW chair, with concurrence by the EDQW component principals, will prepare a report for the DoD project manager describing the results of the assessment and the status and terms of the project-specific laboratory approval. Information about project-specific laboratory approvals will not be posted on websites listing DoD ELAP-accredited laboratories.

**7.5. CONTINUAL IMPROVEMENT.** The EDQW component principals will review project-specific laboratory assessment reports to evaluate the thoroughness, consistency, objectivity, and impartiality of project-specific assessments and make recommendations for continual improvement of the DoD QSM and the DoD ELAP.

**7.6. DATA AND RECORDS MANAGEMENT.** Through NAVSEASYS COM, the DoD EDQW will maintain copies of all laboratory records and project-specific assessment reports in accordance with SECNAV Manual M-5210.1.

## **SECTION 8: HANDLING COMPLAINTS**

**8.1. GENERAL.** The DoD EDQW will use the procedures in this section to handle complaints concerning the processes established in the DoD ELAP or the DoD QSM. The DoD EDQW will document and resolve complaints promptly through the appropriate channels, consistently and objectively, and identify and implement any necessary corrective action arising from complaints. Complaints generally fall into one of four categories:

- a. Complaints by any party against an accredited laboratory.
- b. Complaints by any party against an AB.
- c. Complaints by any party concerning any assessor acting on behalf of the AB.
- d. Complaints by any party against the DoD ELAP itself.

**8.2. LIMITATIONS.** The procedures in this section:

- a. Do not address appeals by laboratories regarding accreditation decisions by ABs. Appeals to decisions made by ABs regarding the accreditation status of any laboratory must be filed directly with the AB in accordance with agreements in place between the laboratory and the AB.
- b. Are not designed to handle allegations of unethical or illegal actions as described in Paragraph 6.2.c.
- c. Do not address complaints involving contractual requirements between a laboratory and its client. All contracting issues must be resolved with the contracting officer.

**8.3. PROCEDURES.**

- a. All complaints must be filed in writing to the EDQW chair. All complaints must provide the basis for the complaint (i.e., the specific process or requirement in the DoD ELAP or the DoD QSM that has not been satisfied or is believed to need changing) and supporting documentation, including descriptions of attempts to resolve the complaint by the laboratory or the AB.
- b. Upon receipt of the complaint, the DoD EDQW chair will assign a unique identifier to the complaint, send a notice of acknowledgement to the complainant, and forward a copy of the complaint to the EDQW component principals.
- c. In consultation with the EDQW component principals, the DoD EDQW chair will make a preliminary determination of the validity of the complaint. Following preliminary review, the actions available to the DoD EDQW chair include:

(1) If the DoD EDQW chair determines the complaint should be handled directly between the complainant and the subject of the complaint, the DoD EDQW will refer the complaint to the laboratory, or AB, as appropriate. The DoD EDQW will notify the complainant of the referral, but will take no further action with respect to investigation of the complaint. The subject of the complaint will be expected to respond to the complainant in accordance with their established procedures and timelines. A copy of the response will be provided to the DoD EDQW.

(2) If insufficient information has been provided to determine whether the complaint has merit, the DoD EDQW will return the complaint to the complainant with a request for additional supporting documentation.

(3) If the complaint appears to have merit and the parties to the complaint have been unable to resolve it, the DoD EDQW will investigate the complaint and recommend actions for its resolution.

(4) If available information does not support the complaint, the DoD EDQW may reject the complaint.

(5) If the complaint alleges inappropriate laboratory practices or other misconduct, the DoD EDQW chair will consult legal counsel to determine the recommended course of action.

d. In all cases, the DoD EDQW will notify the complainant and any other entity involved in the complaint and explain the response of the EDQW to the complaint.

**8.4. CONTINUAL IMPROVEMENT.** The DoD EDQW will look into root causes and trends in complaints to help identify actions that should be taken by the DoD EDQW, or any parties involved with the DoD ELAP, to prevent recurrence of problems that led to the complaints.

**8.5. DATA AND RECORDS MANAGEMENT.** Through NAVSEASYS COM, the DoD EDQW will maintain copies of all complaint documentation in accordance with SECNAV Manual M-5210.1.

## GLOSSARY

### G.1. ACRONYMS.

|              |   |
|--------------|---|
| AB           | accreditation body  |
| DENIX        | Defense Environmental Network Information Exchange                    |
| DERP         | Defense Environmental Restoration Program                             |
| DLA          | Defense Logistics Agency  |
| DoDI         | DoD instruction   |
| EDQW         | Environmental Data Quality Workgroup                                  |
| ELAP         | Environmental Laboratory Accreditation Program                        |
| FAQ          | frequently asked question   |
| IEC          | International Electrotechnical Commission                             |
| ILAC         | International Laboratory Accreditation Cooperation                    |
| ISO          | International Organization for Standardization                        |
| MRA          | mutual recognition arrangement  |
| NAVSEASYSKOM | Naval Sea Systems Command   |
| QAPP         | quality assurance project plan  |
| QSM          | Quality Systems Manual for Environmental Laboratories                 |
| SECNAV       | Secretary of the Navy   |
| USD(AT&L)    | Under Secretary of Defense for Acquisition, Technology, and Logistics |

**G.2. DEFINITIONS.** Unless otherwise noted, these terms and their definitions are for the purposes of this issuance.

**AB.** Authoritative organization that performs accreditation.

**accreditation.** Third-party attestation conveying formal demonstration of a laboratory's competence to carry out specific tasks.

**assessment.** Process undertaken by an AB to evaluate the competence of a laboratory, based on requirements contained in the DoD QSM, for a defined scope of accreditation.

**change.** A reissuance of the DoD QSM containing minor changes to requirements or clarifications of existing requirements necessary to ensure consistent implementation.

**complaint.** Defined in ISO/IEC 17025:2005.

**contractor project chemist.** Defined in the December 4, 2007 USD(AT&L) Memorandum.

**corrective action response.** Description, prepared by the laboratory, of specific actions to be taken to correct a deficiency and prevent its reoccurrence.

**deficiency.** An unauthorized deviation from requirements.

**definitive data.** Defined in DoDI 4715.15.

**EDQW component principal.** A voting member of the DoD EDQW.

**errata sheet.** A document prepared by the EDQW and issued by the EDQW chair, defining minor “pen and ink” changes that apply to the most recently issued version of the DoD QSM. Errata will be corrected in the next change or revision of the DoD QSM.

**government chemist.** Defined in the December 4, 2007 USD(AT&L) Memorandum.

**government oversight.** The set of activities performed by or on behalf of the DoD EDQW to provide assurance that ABs and assessors are providing thorough, consistent, objective, and impartial assessments within the specified scopes of accreditation and to identify opportunities for continual improvement of the DoD QSM and DoD ELAP.

**ILAC MRA.** An arrangement through which ABs are evaluated and accepted by their peers for conformance to ILAC rules and procedures. To be accepted into the ILAC MRA, the AB must become a signatory to its requirements; specifically, it must commit to maintain conformance with the current version of the February 10, 2003 Deputy Secretary of Defense Memorandum and ensure that the laboratories it accredits comply with ISO/IEC 17025:2005.

**ILAC MRA peer evaluation.** The process through which ABs are assessed by other ABs and receive or maintain acceptance into the ILAC MRA.

**project-specific laboratory approval.** The set of activities undertaken by the DoD EDQW to assess whether a laboratory is competent to perform specific tests, in the case where no DoD-ELAP accredited laboratory is able to perform the required tests.

**quality system.** Defined in ISO/IEC 17025:2005.

**recognition.** The acceptance of an AB by the EDQW based on its demonstrated commitment to maintain signatory status in the ILAC MRA and accept the DoD ELAP conditions and criteria for recognition.

**revision.** A reissuance of the DoD QSM containing significant changes in requirements or scope. A significant change is one that could reasonably be expected to affect a laboratory’s

ability to comply with the requirement (i.e., the laboratory is likely to have to make a change in its quality system or technical procedures in order to maintain compliance).

**scope of accreditation.** Specific laboratory services, stated in terms of test method, matrix, and analyte, for which accreditation is sought or has been granted.

## REFERENCES

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- Deputy Secretary of Defense Memorandum, “Ensuring Quality of Information Disseminated to the Public by the Department of Defense,” February 10, 2003
- Deputy Secretary of Defense Memorandum, “Establishment of the Office of the Under Secretary of Defense for Research and Engineering and the Office of the Under Secretary of Defense for Acquisition and Sustainment,” July 13, 2018
- Deputy Under Secretary of Defense for Environmental Security Memorandum, “DoD Quality Systems Manual for Environmental Laboratories,” December 5, 2000, as amended
- DoD Directive 5134.01, “Under Secretary of Defense for Acquisition, Technology, and Logistics,” December 9, 2005, as amended
- DoD Instruction 4715.15, “Environmental Quality Systems,” December 11, 2006, as amended
- International Organization for Standardization/International Electrotechnical Commission 17025:2005, “General Requirements for the Competence of Testing and Calibration Laboratories,” 2005<sup>1</sup>
- International Organization for Standardization/International Electrotechnical Commission 17011:2004(E), “Conformity Assessment – General Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies,” 2004, as amended<sup>2</sup>
- Page 8452 of Volume 67, Federal Register, February 22, 2002
- Secretary of the Navy Manual M-5210.1, “Department of the Navy Records Management Program: Records Management Manual,” current version
- Section 3701 of Title 15, United States Code
- Section 515 of Public Law 106-554, Appendix C, “Treasury and General Government Appropriations Act, 2001,” December 21, 2000
- Under Secretary of Defense for Acquisition, Technology, and Logistics Memorandum, “Acquisitions Involving Environmental Sampling or Testing Services,” December 4, 2007

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<sup>1</sup> Available for purchase at <http://www.iso.org/iso/store.htm>.

<sup>2</sup> Available for purchase at <http://www.iso.org/iso/store.htm>.