

**Summary Report for Individual Task  
101-92F-9010  
Supervise Water QA/QS  
Status: Approved**

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DISTRIBUTION RESTRICTION: Approved for public release; distribution is unlimited.

DESTRUCTION NOTICE: None

**Condition:** You are a Petroleum and Water Officer in a theater/area of operations (AO). You are responsible supervising the water quality assurance (QA) / quality surveillance (QS) program. Current directives, quality surveillance and safety programs, and tactical standing operating procedures (TSOP) are available. You have access to higher headquarters (HQ) operation plan (OPLAN) and/or operation order (OPORD), status reports, maps, overlays, distribution plan, schedules, and communication equipment. You have full access to all applicable reference materials. Operational environment (OE) variables and actors such as infrastructure, physical environment, and time, must be considered. Threat capabilities cover a full spectrum including information gathering, hostile force sympathizers, and terrorist activities. Some iterations of this task should be performed in MOPP.

**Standard:** The water QA/QS program is conducted in accordance with TB MED 577, applicable FMs, unit TSOP, and current directives. Potable water complies with sanitation standards in TB MED 577.

**Special Condition:** None

**Safety Level:** Low

**MOPP:** Sometimes

<b>Task Statements</b>
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**Cue:** None

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
None

**Remarks:** None

**Notes:** The operational environment (OE) is a compilation of all the critical variables and actors that create the conditions, circumstances, and influences that can affect military operations today and in the near- and mid-term. The OE is continuously changing and requires continuous adaptation for each mission. All Army elements must be prepared to enter any environment and perform their missions while simultaneously dealing with a wide range of unexpected threats and other influences. Units must be ready to counter these threats and influences and, at the same time, be prepared to deal with various third-party actors, such as international humanitarian relief agencies, news media, refugees, and civilians on the battlefield. These groups may or may not be hostile to us, but they can affect the unit's ability to accomplish its mission.

## Performance Steps

1. Apply composite risk management (CRM) process.
  - a. Identify and assess the hazards associated with the mission/operation.
  - b. Develop and implement controls and command guidance to eliminate or reduce risk and safety hazards.
  - c. Continuously assess the hazards, report risks and implement risk reduction measures as required.
  - d. Continuously assess the effectiveness of risk reduction measures.
2. Manage water quality analysis program.
  - a. Revise program based on current operational environment and command guidance.
  - b. Coordinate with Preventive Medicine to conduct water quality assurance inspection testing of each water supply operation in accordance with TB MED 577..
  - c. Request additional preventive medical personnel, if necessary.
  - d. Establish water quality test schedules in accordance with TB MED 577.
  - e. Establish procedures to continuously monitor the level of residual disinfectant in potable water throughout the distribution system.
  - f. Report unsanitary conditions of customer water containers/trailers to higher HQ.
  - g. Review water reports from subordinate units/elements for compliance with program objectives.
  - h. Notify higher HQ and subordinate units/elements of water quality problems.
  - i. Provide technical assistance/corrective actions as necessary.
  - j. Forward water quality analysis test results to higher HQ.
3. Ensure subordinate units/elements are in compliance with water QA/QS program.
  - a. Monitor subordinate units/elements testing procedures for compliance.
  - b. Provide operational guidance to subordinate units/elements.
  - c. Maintain accountability for unacceptable water issues.
  - d. Review reports from subordinate units/elements for compliance with technical bulletin (TB) MED 577 standards and command guidance.
4. Enforce Environmental Stewardship Protection Program procedures.
  - a. Monitor operations to ensure compliance with Environmental Stewardship Protection Program.
  - b. Ensure subordinates are familiar with local, state, federal, and host nation environmental laws that apply to them, as well as local SOPs and policies.

c. Conduct environmental risk assessments associated with the mission.

d. Ensure hazardous substances are stored and turned in, in accordance with local policies and environmental regulations.

e. Ensure the appropriate equipment is on hand for hazardous material spill containment and cleanup.

f. Ensure petroleum and other hazardous spills are immediately reported via the chain of command.

5. Enforce safety procedures.

a. Identify safety requirements by reviewing TSOP and appropriate directives.

b. Prepare safety directives for subordinate units as required.

c. Monitor operations to ensure compliance with safety regulations and procedures.

d. Ensure subordinates follow technical manual safety precautions and warnings.

e. Conduct periodic site inspections for adherence to program directives.

6. Maintain situational awareness using available communications/information systems.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the soldier GO if all steps are passed. Score the soldier NO GO if any steps are failed. If the soldier scores a NO GO, show what was done wrong and how to do it correctly.

**Evaluation Preparation:** At the test site provide all materials that are relevant to the task to include those mentioned in the condition statement.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Applied CRM process.			
2. Managed water quality analysis program.			
3. Ensured subordinate units/elements are in compliance with water QA/QS program			
4. Enforced Environmental Stewardship Protection Program procedures.			
5. Enforced safety procedures.			
6. Maintained situational awareness using available communications/information systems.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	DA FORM 1712-R	WATER RECONNAISSANCE REPORT (LRA)	Yes	No
	DA FORM 1713-R	DAILY WATER PRODUCTION LOG - ROWPU (LRA)	Yes	No
	DA FORM 1714-1-R	DAILY WATER DISTRIBUTION LOG (LRA)	Yes	No
	DA FORM 1714-R	DAILY WATER ISSUE LOG (LRA)	Yes	No
	DA FORM 2404	EQUIPMENT INSPECTION AND MAINTENANCE WORKSHEET	Yes	No
	DA FORM 5988-E	Equipment Inspection Maintenance Worksheet	Yes	No
	FM 10-115	QUARTERMASTER WATER UNITS	Yes	No
	FM 10-52	WATER SUPPLY IN THEATERS OF OPERATIONS	Yes	No
	FM 10-52-1	WATER SUPPLY POINT EQUIPMENT AND OPERATIONS	Yes	No
	FM 5-19	COMPOSITE RISK MANAGEMENT	Yes	No
	JP 4-03	Joint Bulk Petroleum and Water Doctrine	Yes	No
	TB MED 577	Sanitary Control and Surveillance of Field Water Supplies	Yes	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects.

- a. Ensure that all necessary actions are taken to prevent, control, and abate environmental pollution related to fuel facilities, activities, and programs.
- b. Comply with unit SOP/OPLAN/OPORD, local, state, federal, and host nation laws, as well as, international environmental laws and treaties for the handling and disposal of fuel and hazardous materials (such as, used oil, contaminated fuel, and chemical test kits).
- c. Before performing this task, read and comply with appropriate Material Safety Data Sheet (MSDS). Wear the appropriate personal protective equipment (PPE). Clean and secure the PPE upon completion of this task.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with FM 5-19, Risk Management. Leaders will complete a DA Form 7566 COMPOSITE RISK MANAGEMENT WORKSHEET during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. Safety is paramount to the successful execution of military operations. Enforce safety, and ensure safety procedures are incorporated into all aspects of operations. As a manager, verify that personnel are adequately trained to operate in all environments. Ensure personnel have all required safety equipment and gear. Provide access to the latest safety-proven procedures, fire fighting equipment, and safe chemical handling guide, including substitutions.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :** None

**Supported Individual Tasks :** None

**Supported Collective Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
10-6-4062	Coordinate Host Nation Water Resources	10 - Quartermaster (Collective)	Approved
10-2-0242	Conduct Water Quality Assurance/Surveillance Program	10 - Quartermaster (Collective)	Approved

**ICTL Data :**

<b>ICTL Title</b>	<b>Personnel Type</b>	<b>MOS Data</b>
Petroleum and Water Officer	Officer	AOC: 90A, Rank: CPT, SI: R8, LIC: YY