

052-250-0040
Conduct an Environmental Baseline Survey During Contingency Operations
Status: Approved

Distribution Restriction: Approved for public release; distribution is unlimited.

Destruction Notice: None

Foreign Disclosure: FD1 - This training product has been reviewed by the training developers in coordination with the Fort Leonard Wood, MO foreign disclosure officer. This training product can be used to instruct international military students from all approved countries without restrictions.

Conditions: As the unit Environmental Officer, or an Engineer Soldier assigned this task, given a proposed base camp location, a camera, GPS, range finder, clipboard or laptop computer, FM 3-34.5, FM 5-19 and the Environmental Baseline Survey and Occupational and Environmental Health Site Assessment Handbook: Contingency Operations (Overseas). This task should not be trained in MOPP 4.

Standards: Conduct an Environmental Baseline Survey (EBS) to determine if the site is appropriate for use as a new base camp.

Special Conditions: None

Safety Risk: Low

MOPP 4: Never

Task Statements

Cue: Given a proposed base camp location, FM 3-34.5, FM 5-19, and the Environmental Baseline Survey and Occupational and Environmental Health Site Assessment Handbook: Contingency Operations (Overseas).

DANGER

None.

WARNING

None.

CAUTION

None.

Remarks: None.

Notes: None.

Performance Steps

1. Gather information and data.
 - a. Review available records.
 - (1) Review government documents
 - (2) Review maps
 - (3) Review satellite imagery
 - (4) Conduct Internet searches
 - b. Conduct interviews.
 - (1) Local populace
 - (2) US or allied Soldiers who have previously occupied the site
 - c. Document all sources of information even if they revealed no findings.
 - d. Environmental site characteristics and reconnaissance.
 - (1) Describe the location of the site
 - (2) Document the existing infrastructure
 - (3) Describe any environmental concerns
 - (4) Describe any industrial facilities/activities on site
 - (5) Describe hazardous materials useage on site
 - (6) Describe waste disposal activities for wastewater, solid waste, and hazardous waste
 - (7) Locate and describe utilities, road systems, parking areas and walkways
 - (8) Describe natural and cultural resources; the presence of animals and agricultural implications; and the presence of endangered or threatened species
 - (9) Document with photos and GPS where possible
 - (10) List limitations to the site reconnaissance such as physical obstructions, weather, uncooperative occupants, etc.
 - (11) Conduct the previous steps for adjacent properties
2. Analyze the data and information gathered.
 - a. Determine if environmental sampling should be conducted and identify target areas and resources.
 - b. Prepare a list of findings.
3. Determine the environmental condition of the area.
 - a. Describe the location in detail, topography, soil type, grid location, structures, roadways, walkways, hydrology, and land cover.
 - b. Support all findings using photos and detailed descriptions.
4. Prepare the EBS report using the format found in the Environmental Baseline Survey and Occupational and Environmental Health Site Assessment Handbook: Contingency Operations (Overseas).

(Asterisks indicates a leader performance step.)

Evaluation Guidance: None

Evaluation Preparation: None

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Gather information and data.			
a. Review available records.			
(1) Review government documents			
(2) Review maps			
(3) Review satellite imagery			
(4) Conduct internet searches			
b. Conduct interviews.			
(1) Local populace			
(2) US or allied Soldiers who have previously occupied the site			
c. Document all sources of information even it they revealed no findings			
d. Environmental site characteristics and reconnaissance.			
(1) Describe the location of the site			
(2) Document the existing infrastructure			
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(4) Describe any industrial facilities/activities on site			
(5) Describe hazardous materials useage on site			
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(9) Document with photos and GPS where possible			
(10) List limitations to the site reconnaissance such as physical obstructions, weather, uncooperative occupants, etc.			
(11) Conduct the previous steps for adjacent properties			
2. Analyze the data and information gathered.			
a. Determine if environmental sampling should be conducted and identify target areas and resources.			
b. Prepare a list of findings.			
3. Determine the environmental condition of the area.			
a. Describe the location in detail, topography, soil type, grid locaton, structures, roadways, walkways, hydrology and land cover.			
b. Support all findings using photos and a detailed description.			
4. Prepare the EBS report.			

Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	052-E-0002	Comply with Host Nations, Federal, State and Local Environmental Laws and Regulations. The Army Environmental Stewardship Program	No	No
	052-E-0009	Environmental Awareness: Integrate Military Environmental Protection into Operations	No	No
	052-E-0014	Analyze Environmental Effects on Army Operations (ECCC)	No	No
	052-E-0040	Conduct an Environmental Baseline Survey during Contingency Operations	No	No
	052-E-5096	Advise Commander/Staff on Environmental Hazards	No	No
	052-E-6025	Advise Commander/Staff of the Environmental Impact of Army Operations	No	No
	052-E-7010	Comply with applicable Environmental Law and Regulations; Hazard Communication (HAZCOM) Requirements; and Natural, Cultural and Water Resource protection requirements.	No	No
	32 CFR PART 651	Environmental Analysis of Army Actions	No	No
	ATP 3-34.5	Environmental Considerations	No	No
	DOD 4715.04-G	Overseas Environmental Baseline Guidance Document.	No	No
	JROTC 145 HBT (U5)	GEOGRAPHY, MAP SKILLS AND ENVIRONMENTAL AWARENESS (HARDBOUND TEXT)	No	No

TADSS : None

Equipment Items (LIN):

LIN	Name
FJ100Y	Laptop
92043N	Camera, Still Digital, 35mm Still Picture, General Purpose
FA2254	GPS Handheld Receiver
FJ252B	Color Printer
GA4004	Laser Range Finders

Materiel Items (NSN) :

Step ID	NSN	LIN	Title	Qty
	052-0198		DO NOT USE - Distance Finder	1
	7520-00-281-5918		Clipboard File, 9 X 12-1/2 Inch, Composition Board Back	1
	052-0063		DO NOT USE - Garmin GPS Small, Lightweight GPS Receiver	1
	6720-00-466-1824	70062N	Camera, Still Picture, Film (DISCONTINUED WITHOUT REPLACEMENT)	1
	5120-00-221-1882		Tape Measuring General Purpose	1
1.	7520-00-281-5918		Clipboard File, 9 X 12-1/2 Inch, Composition Board Back	1
1.	6720-00-466-1824	70062N	Camera, Still Picture, Film (DISCONTINUED WITHOUT REPLACEMENT)	1
1.	5120-00-221-1882		Tape Measuring General Purpose	1

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 the current Environmental Considerations manual and the current GTA Environmental-related Risk Assessment card. For classroom/conference setting: No major environmental impact, training entirely of an administrative or classroom nature, with little or no impact on environment, equipment or personnel.

For practical exercises and demonstration: Instructors should incorporate environmental considerations into the risk assessment before conducting training, operations, or logistical activities. Risk assessments assist instructors in identifying potential environmental hazards, developing controls, making risk decisions, implementing controls, and ensuring proper supervision and evaluation.

Safety: In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer 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. No significant safety considerations.

Prerequisite Individual Tasks :

Task Number	Title	Proponent	Status
331-18A-1000	Prepare a Risk Analysis	331 - Special Warfare (Individual)	Approved
031-627-1100	Detect Hazardous Materials/Weapons of Mass Destruction (HazMat/WMD) at the Awareness Level	031 - CBRN (Individual)	Approved
061-W08-3172	Analyze the Environmental Effects on Operations	061 - Field Artillery (Individual)	Approved
052-210-1006	Comply with Host Nations' Environmental Requirements	052 - Engineer (Individual)	Approved
011-426-0013	Perform Risk Management Procedures	011 - Aviation (Individual)	Approved
331-18B-2903	Conduct Risk Management	331 - Special Warfare (Individual)	Approved

Supporting Individual Tasks :

Task Number	Title	Proponent	Status
052-250-6025	Advise Commander/Staff on Environmental Impact of Army Operations	052 - Engineer (Individual)	Approved
052-250-5221	Comply with Environmental Laws, Regulations, Policies, and Guidance	052 - Engineer (Individual)	Approved

Supported Individual Tasks :

Task Number	Title	Proponent	Status
052-120-0002	Conduct the Base Camp Development Process (BCDP)	052 - Engineer (Individual)	Proposed
081-68S-0049	Inspect Base Camps	081 - Medical (Individual)	Approved
052-250-0030	Identify Leaders Environmental Issues during Deployment	052 - Engineer (Individual)	Approved
081-72D-1033	Conduct Base Camp Assessments	081 - Medical (Individual)	Proposed
052-250-7501	Identify the requirements for an Integrated Waste Management system	052 - Engineer (Individual)	Approved
052-250-9102	Develop the Appendix 6 (Environmental Considerations) to the Annex G (Engineer) of an OPOD	052 - Engineer (Individual)	Obsolete
052-120A-5005	Integrate Environmental Compliance into Base Camp Planning	052 - Engineer (Individual)	Approved
331-182-0019	Select a Base Camp	331 - Special Warfare (Individual)	Obsolete
052-250-0030	Identify Leaders Environmental Issues during Deployment (2)	052 - Engineer (Individual)	Proposed
052-210-4009	Develop Base Camp Master Planning Guidance	052 - Engineer (Individual)	Approved
052-210-4006	Oversee The Development of the Base Camp Master Plan	052 - Engineer (Individual)	Approved
081-850-0049	Inspect Base Camps	081 - Medical (Individual)	Approved

Supported Collective Tasks :

Task Number	Title	Proponent	Status
05-CORP-0097	Develop a Base Camp	05 - Engineers (Collective)	Approved
05-CMD-0097	Develop a Base Camp	05 - Engineers (Collective)	Approved
05-BDE-0097	Develop a Base Camp	05 - Engineers (Collective)	Approved

ICTL Data :

ICTL Title	Personnel Type	MOS Data
ICTL for Engineer Officers (Lieutenants)	Officer	AOC: 12A, Rank: 2LT, Duty Pos: AAT
Engineer Lieutenants' Individual Critical Task Lis	Officer	AOC: 12A, Rank: 2LT, Duty Pos: AAT
120A CW3 Critical Task List ICTL	Warrant Officer	MOS: 120A, Skill Level: CW3