

F-16/2015a



WASH RELATED ENVIRONMENTAL IMPACT ASSESSMENT TEMPLATE

SITE NAME: _____ DATE: _____
REGION NAME: _____ REVISION NUMBER: _____
PERIOD COVERED: _____

OVERVIEW

- Where required, UNHCR and WASH actors should prepare a WASH related environmental impact assessment that includes at a minimum:
- Overall preparation and monitoring of the WASH environmental impact assessment and action plan is the responsibility of the WASH programme however the activities should be undertaken in close collaboration with UNHCR's environmental stability and management specialists and national environmental monitoring authorities.

ENVIRONMENTAL CONTEXT (2 pages max)

- Brief description of the environmental resources at the refugee site including an overview of the sites water resources (both ground water and surface water sources), animals, trees, plant and insect bio-diversity, soils and air.
- An overview of national environmental legislation related to water supply, excreta management, greywater disposal, solid waste management, and disease vector control.

ASSESSMENT OF RISKS PER WASH SUB-SECTOR STRATEGIES

Water supply overview (1/2 page max)

- General description of current refugee water supply chain(s) from catchment to consumer describing any potential environmental related risks and opportunities at each stage of supply. The assessment should not only consider the effect on water resource depletion but the risks of contamination, from poor management of water supply chemicals, fuels, oils and sludges. The risks should be ranked according to an assessment of their likely probability and impact.

Wastewater management overview (1/2 page max)

- General description of current refugee wastewater management chain(s) from bathing and laundering activities describing any potential environmental related risks and opportunities. The risks should be ranked according to an assessment of their likely probability and impact.

Excreta management overview (1/2 page max)

- General description of current refugee excreta management chain(s) from source to final disposal or reuse describing any potential environmental related risks and opportunities at each stage of management. The assessment should also consider the risks to water resources and biodiversity of untreated faecal material but should also assess the environmental risks associated with the mass construction of communal and household toilet facilities. The risks should be ranked according to an assessment of their likely probability and impact.

Solid waste management overview (1/2 page max)

- General description of current refugee solid waste management chain(s) for each type of waste including recyclable materials, organic materials, mixed domestic wastes, hazardous domestic wastes (paints, varnishes, paint thinners, lead-acid batteries, used oils, and electronic wastes), medical wastes, and market wastes. The risks should be assessed along the chain(s) from point of generation to point of disposal or reuse describing any potential environmental related risks and opportunities at each stage of management. The risks should be ranked according to an assessment of their likely probability and impact.

Hygiene promotion overview (1/2 page max)

- General description of current hygiene promotion interventions including any potential environmental related risks, especially related to the procurement and distribution of hygiene related non-food items. The risks should be ranked according to an assessment of their likely probability and impact.

Disease vector control overview (1/2 page max)

- General description of current disease vector control programme including any potential environmental related risks, especially those related to vector habitat management and the use of vector control chemicals. The risks should be ranked according to an assessment of their likely probability and impact.

MITIGATIVE ACTIVITIES (1 pages max)

- A matrix of short, medium and long-term mitigative activities to address the WASH related risks identified as having both “high impact” and “high probability”.

ENVIRONMENTAL MONITORING FRAMEWORK (1 pages max)

- A matrix of environmental monitoring parameters (along with their means of verification, monitoring frequencies, and target thresholds) to measure WASH related risks identified as having both “high impact” and “high probability”.

EMERGENCY CORRECTIVE ACTIONS (1 pages max)

- A checklist of emergency corrective actions to be carried out if the environmental monitoring programme identifies parameters that exceed their target thresholds.

NATIONAL LEGISLATION (1 pages max)

- An overview of national environmental legislation related to water supply, excreta management, greywater disposal, solid waste management, and disease vector control; along with how they are being addressed.

F-16/2015a

WASH ENVIRONMENTAL IMPACT ASSESSMENT MATRIX

POTENTIAL WASH RELATED ENVIRONMENTAL RISKS?	POTENTIAL IMPACT?	PROBABILITY?	MITIGATIVE ACTIVITIES?	MONITORING PARAMETER AND MEASURING FREQUENCY	EMERGENCY CORRECTIVE ACTIONS
<u>WATER SUPPLY</u> 1. 2. 3. 4.					
<u>WASTEWATER MANAGEMENT</u> 1. 2. 3. 4.					
<u>EXCRETA MANAGEMENT</u> 1. 2. 3. 4.					
<u>SOLID WASTE MANAGEMENT</u> 1. 2. 3. 4.					
<u>HYGIENE PROMOTION</u> 1. 2. 3. 4.					
<u>DISEASE VECTOR CONTROL</u> 1. 2. 3. 4.					

F-16/2015a

WASH ENVIRONMENTAL IMPACT OPERATIONAL PLAN

WHO MONITORS?										
WHO PAYS?										
APPROX. COST? (USD\$)										
UNSKILLED LABOR REQUIRED? (man-days)										
SKILLED LABOR REQUIRED? (man-days)										
MATERIALS / CONSUMMABLES REQUIRED? (e.g. cement, pipes, soap, chlorine)										
TOOLS / EQUIPMENT REQUIRED? (e.g. spades, wheelbarrows)										
WHERE?										
BY WHEN?										
BY WHOM?										
WHAT? (List of priority activities)	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.