

PATH GDA/TFM Project Environmental Mitigation and Monitoring Plan (EMMP)

The project's objectives are aligned with USAID DRC's "strategic pivot" and center around the establishment of the PMTCT Platform in the Fungurume Health Zone, including 5 health facilities to implement comprehensive PMTCT and treatment as well as Champion Communities in Fungurume through which PMTCT mobilization activities will occur. The project will also seek to mitigate the impact of HIV/AIDS in communities along the trucking route of Fungurume to Kasumbalesa by providing targeted prevention, testing, and referral services to truck drivers, commercial sex workers, and other high-risk individuals, including persons with disabilities, as well as to develop a champion community for Kasumbalesa sex workers.

The table below outlines the risks that are associated service provision around HIV testing, treatment and care & support/palliative care and the mechanisms that are being put in place to mitigate those risks.

Service delivery will be provided by grantees (NGOs, community-based groups, faith-based groups) and by public sector facilities that will be supported by the project through in-kind procurement, training, and support. Therefore, it will be the role of the project staff to ensure that these partners are providing safe disposal of medical waste, that they are adequately planning for this, provisioning themselves with the correct materials, and carrying through on their plans. PATH will work with each partner to make sure they have a plan in place, will assist them in integrating the relevant needs into their budgets, and will provide regular monitoring and support supervision.

For these areas of risk (HCT and HIV treatment and care & support activities), we have listed the plans in the table below. Naturally, there is a great deal of overlap in the three areas. While this plan does not contain the specifics of how waste will be managed in each facility, it shows how the project will approach the development of these plans so they are relevant to each facility's situation, and how they will ensure the plans are implemented successfully.

Environmental Mitigation and Monitoring Plan

Implementing Partner: Program for Appropriate Technology in Health (PATH)

Work Plan Activity	Potential Negative Environmental Consequences	Mitigation measure(s)	Monitoring indicator(s)	Monitoring Frequency	Party(ies) responsible.	Name of equipment	Quantity	Unit cost (USD)	Total cost (USD)
HIV/AIDS Counseling and Testing;	HCT generates bio-hazardous health care waste such as syringes and other hazardous sharps which if not disposed of properly are a health risk for those who come in contact with them. It also requires	HCT facilities must have proper procedures and equipment for disposing of syringes and other hazardous medical waste. PATH will ensure this is the case by taking the following measures. For each partner providing HCT: - Grant agreements/MOU will include language requiring the partner to create and implement a safe waste disposal plan - Development of a standard list of equipment and supplies that are needed for HCT. Ensuring facilities either have this equipment already or the purchase of them is included in the grant agreement - Grantees will be regularly	- HCT partners have Waste Management Plans in place at grant award - Grantees have adequate equipment to dispose of waste safely (sharps boxes, safe pits or burial sites, or facilities for incinerati	Monthly	PO PATH/GDA	Incinerator	1	7,000	7,000

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	drawing blood which must be then properly stored and disposed of.	<p>supervised by staff to ensure compliance.</p> <p>In addition, the project will support:</p> <ul style="list-style-type: none"> - Provision of national norms in waste management to all sites as part of their orientation - Integration of waste management modules into HCT quality improvement trainings - Support supervision visits will include monitoring of waste disposal practices <p>The specific practice to be adapted at each facility will vary according to their facilities, capacity, location, and other factors but will be based on national and international standards and best practices for small-scale facilities in low resource settings. Practices to be developed will include safe storage in the facility (sharps boxes, appropriate</p>	on or other safe disposal)						

Work Plan Activity	Potential Negative Environmental Consequences	Mitigation measure(s)	Monitoring indicator(s)	Monitoring Frequency	Party(ies) responsible.	Name of equipment	Quantity	Unit cost (USD)	Total cost (USD)
		bags/packaging for fluids); secure disposal sites whether through incineration, burial, or other method that only authorized personnel can access; and if required- safe transportation to a disposal site.							
HIV treatment, facility & clinical based care & support (medical services such as provision of ARVs, treatment of OIs and STIs, provision of propholaxis)	Care for PLHIV includes as discussed above both use of hazardous sharps objects and exposure to bodily fluids which may be infectious.	Facilities providing care for PLHIV, including community-based groups and public facilities must have proper procedures and equipment for disposing of syringes and other hazardous medical waste. PATH will ensure this is the case by taking the following measures. Grants Program Implementation- For each grantee providing HIV treatment and/or care & support services: - Grant agreements will include language requiring the grantee to create and implement a safe waste disposal plan	- partners have Waste Management Plans in place at grant award - Grantees have adequate equipment to dispose of waste safely (sharps boxes, safe pits or burial sites, or facilities						

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		<ul style="list-style-type: none"> - Development of a standard list of equipment and supplies that are needed for safe provision of palliative care. Ensuring facilities either have this equipment already or the purchase of them is included in the grant agreement - Grantees will be regularly supervised by PATH staff to ensure compliance. <p>In addition, the project will support:</p> <ul style="list-style-type: none"> - Provision of national norms in waste management to all sites as part of their orientation - Integration of waste management modules into palliative care quality improvement trainings - Support supervision visits will include monitoring of waste disposal practices <p>The specific practice to be adapted at each facility will</p>	for incineration or other safe disposal)						

Work Plan Activity	Potential Negative Environmental Consequences	Mitigation measure(s)	Monitoring indicator(s)	Monitoring Frequency	Party(ies) responsible.	Name of equipment	Quantity	Unit cost (USD)	Total cost (USD)
		vary according to their facilities, capacity, location, and other factors but will be based on national and international standards and best practices for small-scale facilities in low resource settings. Practices to be developed will include safe storage in the facility (sharps boxes, appropriate bags/packaging for fluids); secure disposal sites whether through incineration, burial, or other method that only authorized personnel can access; and if required- safe transportation to a disposal site.							
Total			-						7,000