

Session 10: Field-Based EMMP Exercise—Sample EMMP (ag.)

EMMP for Project: Central Kigali Dairy Cooperative (KIDACO) Milk Collection Center (MCC)

Person Responsible for Overseeing EMMP: M&E Specialist

Activity 1: Herd management
KIDACO will promote livestock best management practices (BMPs) and provide access to veterinary health care services to members of Cooperative. If not properly implemented, this activity has the potential to increase herd size beyond carrying capacity of farmers' terrain and in a manner that degrades environmental health for farmers, their families and neighbors. The provision of veterinary health care services may also generate health care waste and expose farm workers to potentially hazardous pest control products.

IEE Conditions:	Mitigation	Monitoring	Timing and Responsible Parties
Cooperative farmers must be trained in livestock BMPs and demonstrate improved animal husbandry techniques at farm or household level.	Deliver regular training in BMPs for livestock and animal husbandry to Cooperative members.	Verify that all Cooperative members have received necessary training by checking attendance list of completed trainings, workshops, etc.	COP to verify attendance lists not less than semi-annually
	Develop or adapt technical resources and/or reference materials and make available to Cooperative members in local language.	Confirm availability of technical resources/documentation at KIDACO office(s) and at MCC.	Technical manager to verify availability of technical resources/documentation as part of regularly scheduled quarterly monitoring visits.
The provision of veterinary health care services will incorporate a health care waste management (HCWM) protocol.	Engage expert in veterinary care to develop HCWM protocol in consultation with Cooperative members and other stakeholders.	Confirm preparation of HCWM protocol.	Veterinary care expert to confirm preparation of protocol within 6 mos. of commencement of subject activities.

Activity 2: Support dairy processing operations
KIDACO will provide technical assistance for milk collection center (MCC) operations, including training in safe food processing practices, worker health and safety, and support for appropriate solid and liquid waste disposal. If not properly implemented, the scale-up or expansion of MCC operations could lead to the distribution of contaminated and/or unsafe milk products, worker injury, or a degradation of local environmental conditions at the MCC site and adjacent areas.

IEE Conditions	Mitigation	Monitoring	Timing and Responsible Parties
Training for MCC personnel must integrate and reflect BMPs for food processing facilities, and prioritize occupational health and safety.	KIDACO must provide training in and make available to MCC staff appropriate Personal Protective Equipment (PPE).	Visual inspection of MCC operations to confirm state of occupational health and safety and use of necessary PPE.	Spot visits not less than quarterly conducted by M&E specialist.
	Develop waste management plan for liquid and solid waste generated by regular MCC operations.	Development of waste management plan to be verified through submission to USAID along with first annual report.	Annual verification of report as attachment submitted by COP.
Construction of solid or liquid waste disposal facilities or structures will integrate BMPs and prioritize ESDM.	The design and construction of facilities will be overseen by qualified personnel and will comply with all host-country permitting requirements.	Construction plans will be reviewed and approved prior to commencement of construction activities. Operation of waste management facilities will be visually inspected and will include consultation with MCC workers and neighbors.	MCC managers will oversee regular monitoring on activities and report to USAID not less than semi-annually.