DESILTING, REHABILITATION AND SOLARIZATION OF FARYAR WATER PAN – GARISSA COUNTY

Status: In progress

Total budget	Results progress	Funds absorption	Counties	Outputs / indicators
KSh 9.8M	0%	100%	1	9 / 19

Overview

Code: **GAR-2026-0006**
Project manager: **CDC**
Serial no.: **33**
Tender no.: **NDMA/RT/13/2024-2025**
Funding agreement: **DCADR**
Start date: **30 Sep 2025**
End date: **14 Jan 2026**
Duration: **3 months**

The National Drought Management Authority implemented the desilting, rehabilitation and solarization of Faryar Water Pan under Contract Ref. No. NDMA/RT/13/2024-2025.

Results framework — targets & achievements

Output 1: **Approximately 17,603 m³ of silt removed from the main water pan.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Silt removed from the main water pan	m³	—	0	0	0%
Excavation and removal of approximately 17,603 m³ of silt.	m³	—	0	0	0%

Output 2: **Silt trap constructed to approximately 3 m final depth.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Silt trap final depth	m	—	0	0	0%
Excavation of a silt trap to a final depth of approximately 3 m.	m	—	0	0	0%

Output 3: **30 gabion boxes installed for erosion protection.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Gabion boxes installed	boxes	—	0	0	0%
Installation of 30 gabion boxes measuring approximately 2 m x 1 m x 1 m.	boxes	—	0	0	0%

Output 4: **Rip-rap protection works completed at critical inlet and outlet areas.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Rip-rap protection works completed at critical inlet and outlet areas	—	—	0	0	0%

Output 5: **Solar-powered boost pump and six 335 W solar modules installed.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Solar-powered boost pump installed	—	—	0	0	0%
Installation of one surface solar-powered boost pump with approximate capacity of 20 m³/hr and 6–15 m head.	—	—	0	0	0%
Solar modules installed	W	—	0	0	0%
Installation of six 335 W monocrystalline solar modules.	W	—	0	0	0%

Output 6: **10,000-litre water storage tank and associated pipeline/standpipe installed.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Water storage tank installed	litre	—	0	0	0%
Installation of a 10,000-litre water storage tank and tank stand.	litre	—	0	0	0%

Output 7: **Animal water trough constructed.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Animal water trough constructed	—	—	0	0	0%
Construction of a masonry animal water trough including foundation, reinforced concrete slab, stone walling and finishes.	—	—	0	0	0%

Output 8: **Fabricated structural steel pontoon installed.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Fabricated structural steel pontoon installed	—	—	0	0	0%
Installation of a fabricated structural steel pontoon complete with platform and pump brackets.	—	—	0	0	0%

Output 9: **Solar installation area fenced and gated.** (0% delivered)

Indicator	UoM	Baseline	Target	Achieved	Progress
Solar installation area fenced and gated	—	—	0	0	0%
Construction of fencing and gates around the solar installation area.	—	—	0	0	0%

Geographic coverage

County	Sub-county	Ward
Garissa	Lagdera	Modogashe

Sectors: Water

Financing

Funding source	Committed (KSh)	Remarks
European Union	9,785,719	fully funded

Total committed: **KSh 9,785,719** Project budget: **KSh 9,785,719**

Partners & beneficiaries

Implementers: NDMA • County Government

Beneficiary group	Targeted	Reached	%
Agro-pastoralists	18,900	18,000	95%
Households	18,900	18,900	100%
Pastoralist households	18,900	18,900	100%

Field sites (GPS)

Site	Latitude	Longitude
Faryar	0.0524	40.3086

Keywords: desilting, rehabilitation, solarization, water pan, silt trap, gabion, rip-rap, solar-powered boost pump