

Gold Standard for the Global Goals
Verification Appraisal Report



March 2018 - version 1.1

KEY PROJECT INFORMATION

Title of the project	GS1366 VPA 6 Kilifi Borehole Rehabilitation Project (GS7128) GS1366 VPA 7 Kilifi Borehole Rehabilitation Project (GS7129) GS1366 VPA 8 Kilifi Borehole Rehabilitation Project (GS7130) GS1366 VPA 9 Kilifi Borehole Rehabilitation Project (GS7131) GS1366 VPA 10 Kilifi Borehole Rehabilitation Project (GS7367) GS1366 VPA 11 Kilifi Borehole Rehabilitation Project (GS7368) GS1366 VPA 12 Kilifi Borehole Rehabilitation Project (GS7369) GS1366 VPA 13 Kilifi Borehole Rehabilitation Project (GS7370) GS1366 VPA 14 Kilifi Borehole Rehabilitation Project (GS7371) GS1366 VPA 15 Kilifi Borehole Rehabilitation Project (GS7372)
Gold Standard project id	VPA 6 GS7128 VPA 7 GS7129 VPA 8 GS7130 VPA 9 GS7131 VPA 10 GS7367 VPA 11 GS7368 VPA 12 GS7369 VPA 13 GS7370 VPA 14 GS7371 VPA 15 GS7372
Host Country	Kenya
Date of Design Certification	GS7128-31 - 17/10/2019 GS7367-72 - 02/12/2019

Start date of crediting period	GS7128 - 11/12/2018 GS7129 - 13/12/2018 GS7130 - 13/12/2018 GS7131 - 11/12/2018 GS7367 - 18/01/2019 GS7368 - 15/01/2019 GS7369 - 26/03/2019 GS7370 - 27/03/2019 GS7371 - 30/03/2019 GS7372 - 29/03/2019
Duration of this monitoring period (dd/mm/yyyy) to (dd/mm/yyyy)	GS7128 - (11/12/2018) to (31/12/2019) GS7129 - (13/12/2018) to (31/12/2019) GS7130 - (13/12/2018) to (31/12/2019) GS7131 - (11/12/2018) to (31/12/2019) GS7367 - (18/01/2019) to (31/12/2019) GS7368 - (15/01/2019) to (31/12/2019) GS7369 - (26/03/2019) to (31/12/2019) GS7370 - (27/03/2019) to (31/12/2019) GS7371 - (30/03/2019) to (31/12/2019) GS7372 - (29/03/2019) to (31/12/2019)
SDG Impacts targeted (as per approved PDD)	1 – SDG 3 – Good Health and Well-being 2 – SDG 5 - Gender Equality 3 – SDG 6 - Clean Water and Sanitation 4 - SDG 13 - Climate Action

SECTION A. PROJECT STATUS DESCRIPTION

>> Please indicate the scheme applicable to the micro-scale project

1. Project is applying under the stand-alone micro-scale scheme
2. Project is applying under the micro-programme scheme

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Title of the Project or VPA:

GS1366 VPA 6 Kilifi Borehole Rehabilitation Project (GS7128)

GS1366 VPA 7 Kilifi Borehole Rehabilitation Project (GS7129)

GS1366 VPA 8 Kilifi Borehole Rehabilitation Project (GS7130)

GS1366 VPA 9 Kilifi Borehole Rehabilitation Project (GS7131)

GS1366 VPA 10 Kilifi Borehole Rehabilitation Project (GS7367)

GS1366 VPA 11 Kilifi Borehole Rehabilitation Project (GS7368)

GS1366 VPA 12 Kilifi Borehole Rehabilitation Project (GS7369)

GS1366 VPA 13 Kilifi Borehole Rehabilitation Project (GS7370)

GS1366 VPA 14 Kilifi Borehole Rehabilitation Project (GS7371)

GS1366 VPA 15 Kilifi Borehole Rehabilitation Project (GS7372)

Title of the PoA:

GS1366 Micro Energy PoA

>> Briefly indicate when the project started operation and discuss its current status.

In total 63 boreholes were rehabilitated as part of this project between 10th December 2018 and 8th April 2019. The number of days each borehole credited for in this monitoring period was multiplied by the number of people using the borehole to give the total number of project technology days for that borehole. The individual project technology days for each borehole were totaled to give the total number of project technology days for this monitoring period. This verification marks the completion of the first monitoring period for VPA's 6 to 15.

SECTION B. OBJECTIVE OBSERVER'S OPINION

OO site visit conducted during validation.

SECTION C. DETAILS OF SITE VISIT

C.1 Team on site

N/A

C.2 Period of site-visit

N/A

C.3 People interviewed

N/A

C.4 Means for interviews

N/A

SECTION D. EVALUATION OF THE STATUS OF MITIGATION AND COMPENSATION MEASURES

No risks to safeguarding principles were identified during project registration and thus no compensation promised to stakeholders as part of the projects. The feedback during the local stakeholder consultation was very positive. There have been no negative comments or complaints regarding the projects to date through the various means of communication provided in the continuous input mechanism.

SECTION E. STATUS OF SUSTAINABLE DEVELOPMENT GOALS OUTCOMES

>> With reference to the Sustainability Monitoring Report, evaluate the outcomes against the SDGs addressed by the project, including SDG 13.

Project Developer Sustainability Monitoring Report

Relevant SDG Indicator	SDG 3.9.1 (Good Health and Wellbeing)
Data / Parameter	HARP _y
Unit	%
Description	Total reduction in Household Air Pollution for project activity in year y
Source of data	Household lists; Usage Survey; Water Consumption Field Test
Value(s) applied	100%
Measurement methods, procedures, and how will it be documented	Review the number of people using the borehole according to the household lists for each VPA and multiply by the usage rate to calculate the number of people now using a safe water source in order to calculate the amount of biomass that would have been burnt to purify the water in the baseline scenario. Deduct from this any individuals that still boil water in the project scenario.
Monitoring frequency	Annually
QA/QC procedures	-
Purpose of data	To calculate the additional number of persons who have access to safe water in the project activity compared to the baseline scenario and to calculate from that the percentage decrease in biomass used to purify water through boiling.
Additional comment	-

Relevant SDG Indicator	SDG 6.1.1 (Clean Water and Sanitation)
Data / Parameter	P _{access}
Unit	Number of People

Description	Number of additional persons having access to safe water in the project activity compared to the baseline scenario.
Source of data	Baseline survey; Household lists; Usage Survey
Value(s) applied	GS7128: 4,195 GS7129: 4,368 GS7130: 3,941 GS7131: 3,933 GS7367: 4,169 GS7368: 3,456 GS7369: 3,394 GS7370: 3,387 GS7371: 3,329 GS7372: 3,512
Measurement methods, procedures, and how will it be documented	Review the number of people using the borehole according to the household lists for each VPA and multiply by the usage rate to calculate the number of people now using a safe water source.
Monitoring frequency	Annually
QA/QC procedures	-
Purpose of data	To calculate the additional number of persons having access to safe water in the project activity compared to the baseline scenario.
Additional comment	-

Relevant SDG Indicator	SDG 5.4.1 (Gender Equality)
Data / Parameter	TR _y
Unit	hours
Description	Total reduction time spent collecting firewood for project activity in year y (hours)
Source of data	Project Survey
Value(s) applied	0.53
Measurement methods, procedures, and how will it be documented	Calculate the average amount of time spent collecting firewood in the project scenario and compare to the pre-project scenario.

Monitoring frequency	Annually
QA/QC procedures	-
Purpose of data	To quantify whether the project has contributed to a reduction in the amount of time spent collecting firewood compared to the pre-project scenario.
Additional comment	-

Relevant SDG Indicator	SDG 13.B.1 (Climate Action)
Data / Parameter	Er,y
Unit	tCO2e/y
Description	Total tonnes of CO2 equivalent emissions reductions for the current monitoring period.
Source of data	IPCC Defaults, Project survey, Baseline survey, Usage survey, Water consumption field test, Water boiling test, Household list
Value(s) applied	GS7128: 10,535 GS7129: 11,055 GS7130: 10,623 GS7131: 10,395 GS7367: 9,534 GS7368: 9,616 GS7369: 7,699 GS7370: 7,671 GS7371: 7,589 GS7372: 7,616
Measurement methods, procedures, and how will it be documented	Calculate the emissions reductions for each VPA using the associated parameters and applying a yearly cap on projects which reduce more than the microscale cap of 10,000 tCO2e/y. Emission reductions will be calculated for each monitoring period and presented in an excel document.
Monitoring frequency	Annually
QA/QC procedures	-

Purpose of data	To quantify the emissions reductions generated by the project compared to the pre-project scenario.
Additional comment	-

SECTION F. STATUS OF IMPLEMENTATION OF CONTINUOUS INPUT / GRIEVANCE MECHANISM & FEEDBACK RECEIVED

>>Evaluate whether the approved/selected methods of Continuous Input/Grievance Mechanism from the LSC report / other consultations have been implemented on site.

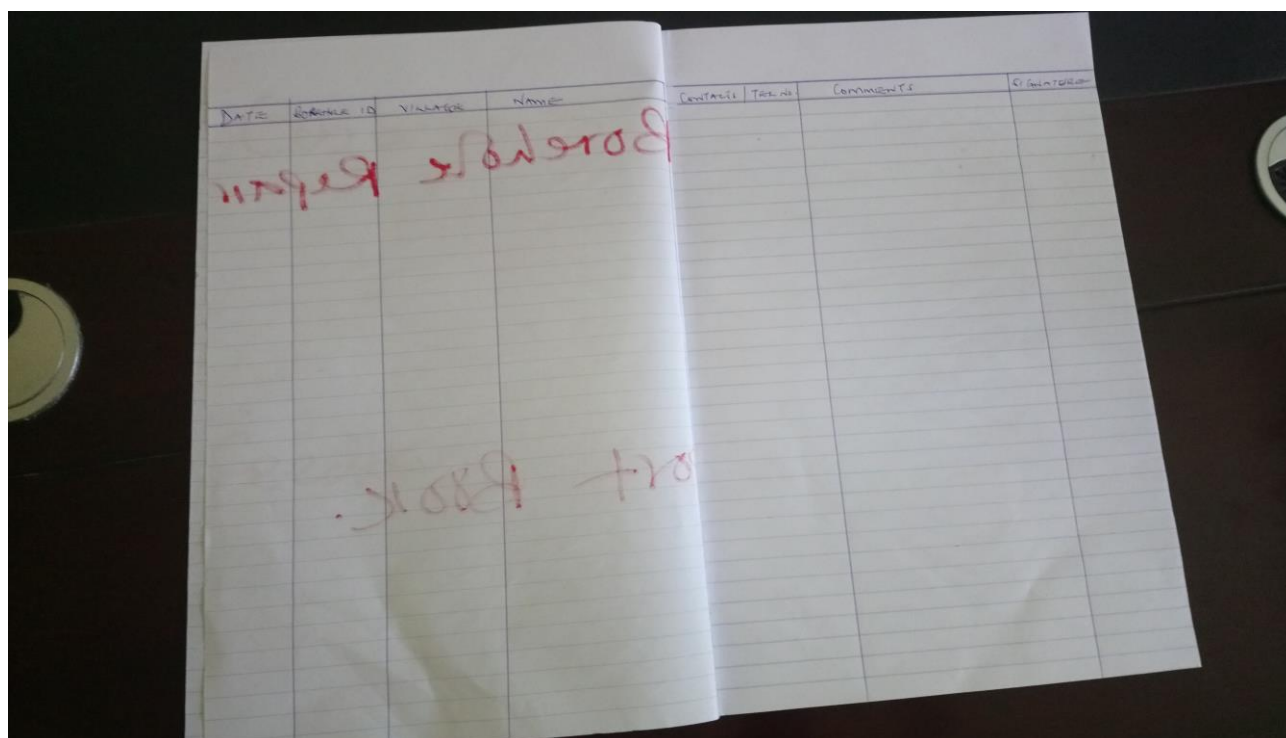
Evaluate the stakeholders' comments received by different methods and responses provided by project developer. Also provide opinion if any mitigation measures should be put in place to address the comments raised.

The continuous input/grievance mechanism is displayed in the table below.

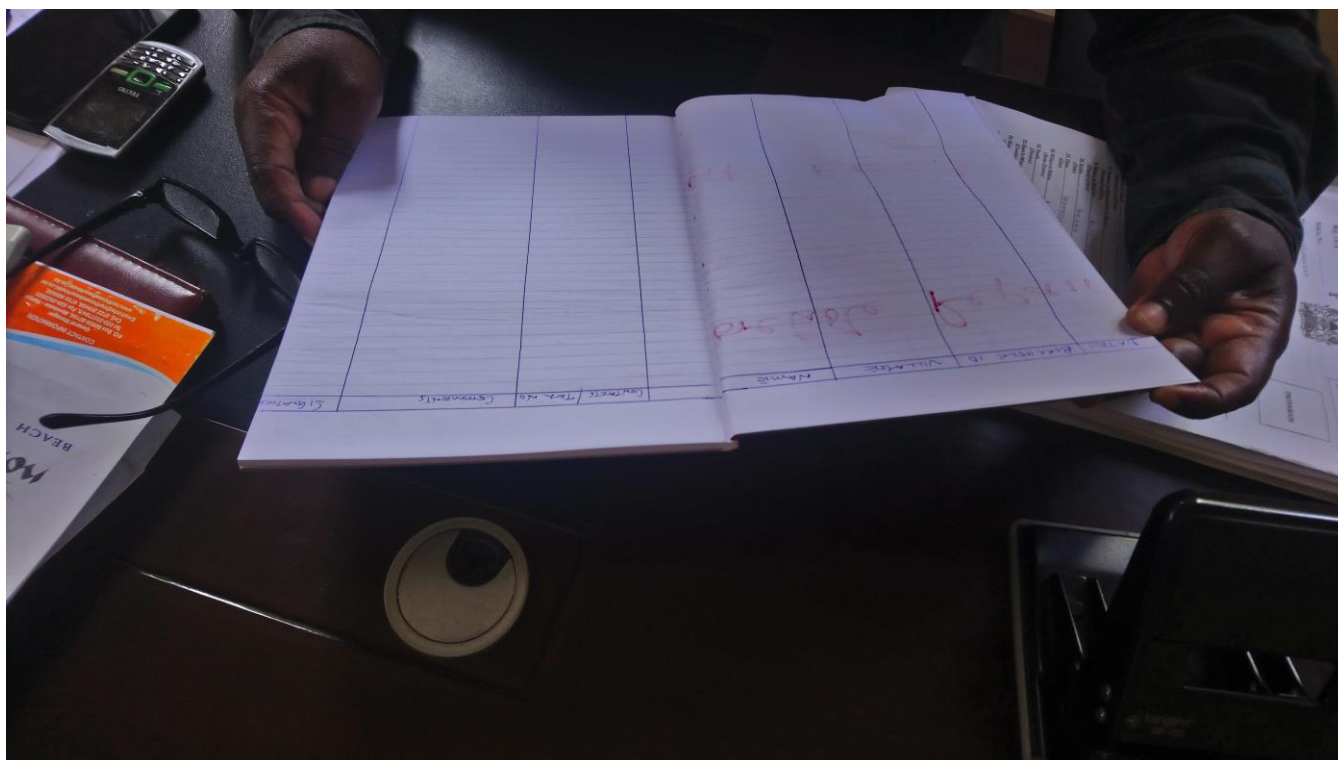
	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book	A book is held in the offices of the Water Area Chief and the Kilifi sub-county offices. Community members have been informed that they can visit their local government offices to record comments in the book. The comments left in the books will be reviewed by CO2balance field staff during their regular monitoring visits.	This enables community members without access to a telephone or the internet to send comments to CO2balance implementing the project. It will also ensure that illiterate community members can leave comments as government secretaries and staff members can records comments on their behalf.
Telephone access	The following telephone numbers have been shared with stakeholders: Kilifi Project Officer: +254 729484742 Project Development Coordinator in Nairobi: +254 713320318	Stakeholders with telephone access may find this the most convenient way to contact the project partners.
Internet/email access	Email addresses for the relevant person at CO2balance in Kenya & UK and Gold Standard have been shared with stakeholders:	Stakeholders with internet access may find this the most convenient way to contact the project partners.

	Moses.maina@CO2balance.com ilona.ca@CO2balance.com helpdesk@goldstandard.org	
Nominated Independent Mediator (optional)	N/A	
Other	N/A	

Log Books



Kilifi Sub-county Office Log Book



Water Chief's Office Log Book

CONFLICT OF INTEREST DECLARATION

I, [insert full name], aged [insert age] years, residing at [insert full home address], and working for [insert company name], which is located at [insert company headquarters address], having been selected to serve as an Objective Observer on behalf of The Gold Standard Foundation, hereby certify and declare as follows:

Neither I nor anyone else having influence over me has an interest with any person or in any firm, corporation or other business entity that is involved in the assessed project activity "GS_____" nor have I participated, directly or indirectly, by committee or as a consultant, advisor, employee, officer, director, agent, trustee, or otherwise, in the development, implementation, or administration of GS_____. I further certify and declare that in no way do I have a bias in favor or against any person, firm, corporation or business entity involved with GS_____, and I understand that such bias would disqualify me as an Objective Observer. If at any time during the evaluation process I should become aware of any interest or bias, I will report it immediately to The Gold Standard Foundation.

For purposes of this declaration, I understand "interest" to include any consideration or other thing of economic value, including future consideration.

Name: _____

Signed this _____ day of _____ Year _____