



TEMPLATE

DEVIATION REQUEST FORM

PUBLICATION DATE **16.07.2020**

Version **3.0**

A. To be completed by Gold Standard

1| Decision

1.1 | Date – 27/01/2021

1.2 | Decision

The deviation request is not approved as GS4GG does not support large-scale projects with suppressed demand situation, in line with the requirements stated in paragraph 4.1.10 of [GS Principles and Requirements](#) (version 1.2).

B. To be completed by the Project Developer/Coordinating and Managing Entity and/or VVB requesting deviation

2| Background information

Deviation Reference Number	DEV_165	
Date of decision	27/01/2021	
Date of submission	23/12/2020	
Project/PoA/VPA	<input type="checkbox"/> Project	ID – GSXXXX
	<input checked="" type="checkbox"/> PoA	ID – GS10959
	<input type="checkbox"/> VPA	ID – GSXXXX
Project/PoA/VPA title	Safe Water Programme in Africa and Asia	
Location of project/PoA/VPA	Angola, Cambodia, Ethiopia, Madagascar, Rwanda, Zambia	
Scale of the project/PoA/VPA	<input type="checkbox"/> Microscale <input type="checkbox"/> Small scale <input checked="" type="checkbox"/> Large scale	
Gold Standard Impact Registry link of the project/PoA/VPA	https://impact.sustain-cert.com/project_developer/projects/2606	
Status of the project/PoA/VPA	<input checked="" type="checkbox"/> New <input type="checkbox"/> Listed <input type="checkbox"/> Certified design <input type="checkbox"/> Certified project	
Title/subject of deviation	Deviation from TPDDTEC for Calculation of Baseline Emissions without Suppressed Demand in Safe Water Supply Project	
Specify applicable rule/requirements/methodology and version number	Technologies and Practices to Displace Decentralized Thermal Energy Consumption (Version 3.1)	
Specify the monitoring period for which the request is valid (if applicable)	Start date	End date
	Not applicable	
Submitted by	Contact person name: Ji BAO	
	Email ID: Baoji@icebergchina.com	
	Organization: Guangzhou Iceberg Environmental consulting Services Co., Ltd.	
	Project participant: Yes <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
Validation and Verification body (VVB opinion shall be included, where required by the applicable rules/requirements or request is submitted by the VVB).	Yes <input type="checkbox"/> NO <input checked="" type="checkbox"/> If yes; VVB name: Auditor name:	

3| Deviation detail

3.1 | Description of the deviation:

Use the space below to describe the deviation and substantiate the reason for requesting deviation from applicable rules/requirements. Please include all relevant information in support of the request. You are requested to follow the principles for guidelines for requesting deviations, given in the Deviation Approval Procedure.

We want to use Annex III of the methodology “Technologies and Practices to Displace Decentralized Thermal Energy Consumption (Version 3.1)” (hereinafter referred to as the Methodology) to develop large scale VPAs under PoA GS 10959. We find that as per Equation 11 (in Page 45 of the Methodology) which is used for calculation of baseline emissions, we have to obtain $Q_{p,y}$ (quantity of safe water in liters consumed in the project scenario p and supplied by project technology per person per day) and $Q_{p,rawboil,y}$ (quantity of raw water boiled in the project scenario p per person per day) from water consumption field test conducted after the implementation of the project technology. According to Section A3.2 of Annex III, $Q_{p,y}$ and $Q_{p,rawboil,y}$ derive from suppressed demand scenario. However, according to Paragraph 4.1.10 of Principle and Requirements (Version 1.2), large scale VPAs cannot apply suppressed demand scenario. So we fail to find a way to apply the Methodology for developing large scale VPAs.

Alternatively, we use Q_b to replace $(Q_{p,y} + Q_{p,rawboil,y})$ in Equation 11 as follows:

$$B_{b,y} = (1 - X_{boil}) * (1 - C_j) * N_{p,y} * W_{b,y} * Q_b$$

Where:

$B_{b,y}$ Quantity of fuel consumed in baseline scenario b during the year in tons (L/p/d)

X_{boil} Percentage of premises that in the absence of the project activity would have used non-GHG emitting technologies like chlorine treatment techniques (if available) in the project boundary

C_j Percentage of users of project safe water supply who were already in baseline using a non boiling safe water supply

$N_{p,y}$ Number of person.days consuming water supplied by project scenario p through year y

$W_{b,y}$ Quantity of fuel in tons required to treat 1 litre of water using technologies representative of baseline scenario b in year y as per Baseline Water Boiling Test.

Q_b Quantity of water from unsafe sources in litres consumed in the baseline scenario b before the implementation of the proposed project per person per day.

Q_b derives from baseline water consumption field test, namely water consumption

field test conducted before the implementation of the project technology.
VVB opinion (if applicable): Not applicable.

3.2 | Assessment of the deviation:

Use the space below to describe how the deviation complies with the requirements, and accuracy, completeness, conservativeness, as applicable is ensured. Please include all relevant information in support of the request.

The deviation is more conservative than suppressed demand scenario because usually after the implementation of the project technology, the quantity of water consumed will increase due to the improved water accessibility. It will not have any negative influence on accuracy, completeness or any other requirement of Gold Standard for Global Goals.
VVB opinion and recommendation (if applicable): Not Applicable.

3.3 | Impact of the deviation:

Use the space below to describe the impact of the deviation on project design, safeguarding principles assessment, SDG assessment, emissions reductions, monitoring frequency, data quality, potential risk or any other relevant aspect of the project. Please substantiate the impact assessment with relevant and verifiable data/information.

Q _b is determined ex ante and will not be monitored over the crediting period.	
Data/parameter	Q _b
Unit	L
Description	Quantity of water from unsafe sources in litres consumed in the baseline scenario b before the implementation of the proposed project per person per day
Source of data	Baseline water consumption field test
Value(s) applied	X
Choice of data or	The data is obtained through sampling survey as per

Measurement methods and procedures	the applied methodology as well as “Standard: Sampling and surveys for CDM project activities and programmes of activities (Version 08.0)” and “Guidelines for sampling and surveys for CDM project activities and programmes of activities (Version 04.0)” .
Purpose of data	Calculation of baseline emissions
Additional comment	-
<p>The deviation will not have any influence on safeguarding principles assessment, SDG assessment or any other relevant aspect of the project.</p>	
<p>VVB opinion (if applicable): Not applicable.</p>	

3.4 | Documents:

List of documents provided

No other document has been provided.