



**Validation report form for post-registration changes for  
component project activities**

**(Version 02.0)**

BASIC INFORMATION	
<b>Title and UNFCCC reference number of the component project activity (CPA)</b>	<p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 43 supported by Republic of Korea, 9948-P1-0043-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 44 supported by Republic of Korea, 9948-P1-0044-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 45 supported by Republic of Korea, 9948-P1-0045-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 46 supported by Republic of Korea, 9948-P1-0046-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 47 supported by Republic of Korea, 9948-P1-0047-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 48 supported by Republic of Korea, 9948-P1-0048-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 49 supported by Republic of Korea, 9948-P1-0049-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 50 supported by Republic of Korea, 9948-P1-0050-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 51 supported by Republic of Korea, 9948-P1-0051-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 52 supported by Republic of Korea, 9948-P1-0052-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 53 supported by Republic of Korea, 9948-P1-0053-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 54 supported by Republic of Korea, 9948-P1-0054-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 55 supported by Republic of Korea, 9948-P1-0055-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 56 supported by Republic of Korea, 9948-P1-0056-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 57 supported by Republic of Korea, 9948-P1-0057-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 58 supported by Republic of Korea, 9948-P1-0058-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 59 supported by Republic of Korea, 9948-P1-0059-CP1</p>

**CDM-CPA-PRCV-FORM**

	<p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 60 supported by Republic of Korea, 9948-P1-0060-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 61 supported by Republic of Korea, 9948-P1-0061-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 62 supported by Republic of Korea, 9948-P1-0062-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 63 supported by Republic of Korea, 9948-P1-0063-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 64 supported by Republic of Korea, 9948-P1-0064-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 65 supported by Republic of Korea, 9948-P1-0065-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 66 supported by Republic of Korea, 9948-P1-0066-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 67 supported by Republic of Korea, 9948-P1-0067-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 68 supported by Republic of Korea, 9948-P1-0068-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 69 supported by Republic of Korea, 9948-P1-0069-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 70 supported by Republic of Korea, 9948-P1-0070-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 71 supported by Republic of Korea, 9948-P1-0071-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 72 supported by Republic of Korea, 9948-P1-0072-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 73 supported by Republic of Korea, 9948-P1-0073-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 74 supported by Republic of Korea, 9948-P1-0074-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 75 supported by Republic of Korea, 9948-P1-0075-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 76 supported by Republic of Korea, 9948-P1-0076-CP1</p> <p>Impact Carbon Global Safe Water Programme of Activities (PoA): CPA 77 supported by Republic of Korea, 9948-P1-0077-CP1</p>
Version number of the validation report	<u>4.0</u>
Completion date of the validation report	<u>18/05/2021</u>
Version number of PoA-DD and CPA-DD	Version number of PoA-DD: 7.0 CPA-DD for 9948-P1-0043-CP1, Version: 01


Deleted: 3.0

Deleted: 07/01/2021

**CDM-CPA-PRCV-FORM**

<b>applicable to this validation report</b>	CPA-DD for 9948-P1-0044-CP1, Version: 01 CPA-DD for 9948-P1-0045-CP1, Version: 01 CPA-DD for 9948-P1-0046-CP1, Version: 01 CPA-DD for 9948-P1-0047-CP1, Version: 01 CPA-DD for 9948-P1-0048-CP1, Version: 01 CPA-DD for 9948-P1-0049-CP1, Version: 01 CPA-DD for 9948-P1-0050-CP1, Version: 01 CPA-DD for 9948-P1-0051-CP1, Version: 01 CPA-DD for 9948-P1-0052-CP1, Version: 01 CPA-DD for 9948-P1-0053-CP1, Version: 01 CPA-DD for 9948-P1-0054-CP1, Version: 01 CPA-DD for 9948-P1-0055-CP1, Version: 01 CPA-DD for 9948-P1-0056-CP1, Version: 01 CPA-DD for 9948-P1-0057-CP1, Version: 01 CPA-DD for 9948-P1-0058-CP1, Version: 01 CPA-DD for 9948-P1-0059-CP1, Version: 01 CPA-DD for 9948-P1-0060-CP1, Version: 01 CPA-DD for 9948-P1-0061-CP1, Version: 01 CPA-DD for 9948-P1-0062-CP1, Version: 01 CPA-DD for 9948-P1-0063-CP1, Version: 01 CPA-DD for 9948-P1-0064-CP1, Version: 01 CPA-DD for 9948-P1-0065-CP1, Version: 01 CPA-DD for 9948-P1-0066-CP1, Version: 01 CPA-DD for 9948-P1-0067-CP1, Version: 01 CPA-DD for 9948-P1-0068-CP1, Version: 01 CPA-DD for 9948-P1-0069-CP1, Version: 01 CPA-DD for 9948-P1-0070-CP1, Version: 01 CPA-DD for 9948-P1-0071-CP1, Version: 01 CPA-DD for 9948-P1-0072-CP1, Version: 01 CPA-DD for 9948-P1-0073-CP1, Version: 01 CPA-DD for 9948-P1-0074-CP1, Version: 01 CPA-DD for 9948-P1-0075-CP1, Version: 01 CPA-DD for 9948-P1-0076-CP1, Version: 01 CPA-DD for 9948-P1-0077-CP1, Version: 01
<b>Title and UNFCCC ref. no. of the registered PoA into which the CPA is included</b>	9948: Impact Carbon Global Safe Water Programme of Activities (PoA)
<b>Type(s) of CPA PRCs</b>	<input checked="" type="checkbox"/> Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents <input type="checkbox"/> Corrections <input type="checkbox"/> Changes to the start date of the crediting period <input type="checkbox"/> Inclusion of monitoring plan

CDM-CPA-PRCV-FORM

	<input type="checkbox"/> Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents <input type="checkbox"/> Changes to the project design <input type="checkbox"/> Changes specific to afforestation and reforestation activities	
<b>Coordinating/managing entity (CME)</b>	Impact Carbon	
<b>Host Parties</b>	<b>Host Party of the PoA</b>	<b>Is this the host Party of a CPA covered in this monitoring report? (yes/no)</b>
	Rwanda	No
	Uganda	No
	Nigeria	Yes
	Kenya	No
<b>Applied methodologies and standardized baselines</b>	Methodology: AMS-III.AV. Low greenhouse gas emitting safe drinking water production systems (Version 4.0)  Standardized Baseline: Not applicable	
<b>Mandatory sectoral scopes</b>	3: Energy Demand	
<b>Conditional sectoral scopes, if applicable</b>	NA	
<b>Name and UNFCCC reference number of the DOE</b>	Earthood Services Private Limited E-0066	
<b>Name, position and signature of the approver of the validation report</b>	<div style="text-align: center;">   <hr style="border: 0.5px solid blue; width: 100%;"/>         Dr. Kaviraj Singh          Managing Director       </div>	

Deleted: SIGN

## CDM-CPA-PRCV-FORM

### SECTION A. Executive summary

The PoA aims at distribution of the low carbon emissions water purification technologies to households, communities and institutions in Rwanda, Nigeria, Kenya and Uganda. Thus, PoA through the dissemination of these technologies aims to address the issue of lack of access to safe drinking water.

In absence of the PoA, boiling water using fossil fuels/non-renewable woody biomass would have been the source of availing safe drinking water. The project Water Purification Systems (WPS) provides safe drinking water without the use of non-renewable biomass/ fossil fuel, thus leading to a reduction in Green-house gas (GHG) emissions.

This validation report for PRC covers implemented CPAs from 9948-P1-0043-CP1 to 9948-P1-0077-CP1 included in the registered PoA-DD.

#### Scope of validation

Earthood Services Private Limited is contracted by the CME to perform the validation of the post-registration changes proposed to the CPAs under verification. The scope of validation includes the assessment of the proposed PRCs primarily identified by CME as a temporary deviation from the monitoring plan as well as part of verification assessment. This validation is an independent and objective review of all the post-registration changes proposed in revised CPA DDs against criteria stipulated in latest valid versions of CDM VVS for PoA /4/, CDM PS for PoA /2/, CDM PCP for PoA /3/ and other related and relevant requirements, as appropriate.

#### Validation process

The validation process is undertaken by a qualified and competent validation team, involving a desk review of proposed post-registration changes as proposed in the Monitoring Report Version 3.0 dated 26/04/2021 /5/ provided by CME, interview or interactions with the representatives of CME, reporting and closure of findings, as appropriate and preparing a draft validation report complying with the relevant CDM requirements. The validation report prepared by the validation team is reviewed by an independent Technical Review team (one or more members). The final validation report that is accepted by Technical Reviewer is then approved on behalf of Earthood Services Private Limited and processed further as per CDM procedures.

Deleted: Version 2.0 ,dated 07/01/2021

#### Conclusion

The review of the revised MR, supporting documentation and subsequent follow-up actions (interviews) have provided ESPL with sufficient evidence to determine the fulfilment of stated criteria.

ESPL has performed the validation of the post registration changes of the CDM PoA "Impact Carbon Global Safe Water Programme of Activities (PoA)" having UNFCCC Ref. Number 9948. The post registration change was identified during the verification for the 4th monitoring period - **01/01/2020 – 21/03/2020** of the PoA.

The proposed post-registration change includes the following:

a) During this monitoring period, a temporary deviation from the registered monitoring plan occurred as CME was unable to monitor the monitored parameters as per the sampling plan.

The validation of post-registration changes concluded that the type of changes proposed in the revised monitoring Report Version 3.0 dated 26/04/2021 /5/ can be submitted as notification of changes to a CPA to secretariat in-line to para 168 (b) of the PCP for PoA. The temporary deviation applies conservative method and thus, it is being submitted along with issuance request as per Appendix 2 of PS for PoA/2/. The validation team confirms that the proposed post-registration change complies with all the relevant CDM requirements of the applied methodology and all other applicable tools and guidance.

This report is the assessment opinion for temporary deviation and request is hereby submitted with issuance request to CDM EB.

Deleted: Version 2.0 ,dated 07/01/2021

**SECTION B. Validation team, technical reviewer and approver****B.1. Validation team member**

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Document review	On-site inspection	Interviews	Validation findings
1.	Team Leader	IR	Mahala	Deepika	Central Office	Y	N	Y	Y
2.	Verifier	IR	Vatsa	Vaishali	Central Office	Y	N	Y	Y
3.	Technical Expert	IR	Mahala	Deepika	Central Office	Y	N	Y	Y
4.	Methodology Expert	IR	Mahala	Deepika	Central Office	Y	N	Y	Y
5.	Local Expert	IR	Kumden	Nanbal	Central Office	Y	N	Y	N

**B.2. Technical reviewer and approver of the validation report on CPA PRCs**

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical Reviewer	IR	Gautam	Ashok	Central Office
2.	TA to TR	IR	Gautam	Ashok	Central Office
3.	Approver	IR	Singh	Kaviraj	Central Office

**SECTION C. Means of validation****C.1. Document review**

The complete list of documents/evidences reviewed or referenced during the validation is provided in Appendix 3 of this report.

**C.2. On-site inspection**

Duration of on-site inspection: NA				
No.	Activity performed on-site	Site location	Date	Team member

The temporary deviation was identified at the time of verification assessment. Following para 231 of the PS for PoA Version 2 temporary deviation was proposed during the current monitoring period. Since the temporary deviation was identified during the verification of the fourth monitoring period (01/01/2020-21/03/2020) and the scope is not complete validation of the PoA and in accordance with para 184 of the VVS for PoA/4/ it is not mandatory for the DOE to conduct an on-site assessment. A thorough desk review conducted by the validation team was used as an alternative means to validate the temporary deviation.

CDM-CPA-PRCV-FORM

C.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Brown	Julie	Impact Carbon	04/11/2020	Sampling Surveys	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
2.	Neville	Tim	Impact Water	04/11/2020	Implementation	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
3.	Akinyemi	Zacch	Impact Water Nigeria	04/11/2020	Implementation, Sales records	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
4.	Ogunyaya	Samuel	Impact Water Nigeria	04/11/2020	Database management	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
5.	Huelsenbeck	Mark	Impact Water Nigeria	04/11/2020	Monitoring surveys	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
6.	Whisler	Carson	Impact Water	04/11/2020	Operations	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
7.	Lohia	Rohit	Climate Secure India Private Limited	04/11/2020	Monitoring Report, Sampling methodology, ER calculations	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
8.	Shrivastava	Nihar	Climate Secure India Private Limited	04/11/2020	ER calculation and Sampling	Deepika Mahala, Vaishali Vatsa, Nanbal Luka
9.	Kumar	Ritesh	Climate Secure India Private Limited	04/11/2020	ER calculation and Sampling	Deepika Mahala, Vaishali Vatsa, Nanbal Luka

C.4. Clarification requests, corrective action requests and forward action requests raised

Areas of validation findings	No. of CL	No. of CAR	No. of FAR
Compliance with CPA-DD form	-	-	-
Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents	-	-	-
Corrections	-	-	-
Changes to the start date of the crediting period	-	-	-
Inclusion of monitoring plan	-	-	-
Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents	-	-	-
Changes to the project design	-	-	-
Changes specific to afforestation and reforestation activities	-	-	-
Others (please specify)	-	-	-
<b>Total</b>	00	00	00

SECTION D. Validation findings

D.1. Compliance with CPA-DD form

<b>Means of validation</b>	This PRC proposes only a temporary deviation. Thus, as per para 169 of PCP for PoA /3/ the changes were required to be reflected only in the MR and does not require any revision in the CPA-DDs/7/.
<b>Findings</b>	No findings were raised
<b>Conclusion</b>	Not Applicable

## CDM-CPA-PRCV-FORM

### D.2. Temporary deviations from the registered monitoring plan, applied methodologies, standardized baselines or other methodological regulatory documents

<b>Means of validation</b>	<p>As part of the verification of the fourth monitoring period covering a monitoring period from 01/01/2020 – 21/03/2020, wherein the monitoring report /5/ consists of CPAs 9948-P1-0043-CP1 to 9948-P1-0077-CP1, the verification team found temporary deviations from the registered monitoring plan.</p> <p><b>1. Temporary deviation for not following the monitoring plan in line with the registered monitoring plan/7/:</b></p> <p>CME had identified that there are systems in the database which were fully consumed/discontinued prior to the start of the current monitoring period. Since, CME could not provide a replacement for these systems to the institutions, thus CME decided to claim 0 ERs for these systems.</p> <p>The validation team checked the sales database/9/ in the ER calculation sheet provided by CME which distinctively under column 'AP' lists down the systems being considered for ER calculation <u>for systems</u> which has the residual capacity as evident from column 'AB' <u>from previous MP and no subsequent supplies have been provided(column 'AC')</u>. Such systems for which ERs have been considered as 'zero'.</p> <p>It was confirmed from the column 'AP' of the sales database sheet /9/, that systems which had zero residual capacity or has been discontinued prior to the start of the MP and had zero operational days left (as can be confirmed from the column 'AO' of the sales database sheet) have not been considered for ER calculation.</p> <p><b>Thus, CME in-line to para 228(a) of PS for PoA Version 2.0/2/, followed an alternative approach as CME had failed to follow the registered monitoring plan. Following the 228(a) of PS for PoA/2/, the CME has not considered/claimed any CERs for the systems which had zero residual capacity or has been discontinued prior to the start of the MP and had zero operational days left for the entire non-conforming monitoring period (i.e. 01/01/2020 to 21/03/2020) as checked from the ER sheet/9/.</b></p> <p>Thus, the alternative approaches were accepted by the validation team. The temporary deviation is sought for the entire period of MP i.e. from 01/01/2020-21/03/2020. The end-date of the temporary deviation i.e. 21/03/2020 is the same as the end date of the monitoring period.</p> <p>The CME would continue to monitor all the data required for calculation of emission reductions as per the registered monitoring plan for future verifications.</p> <p>Since the applied values were found to be the most conservative values and temporary deviation has been proposed for the current monitoring period for the CPAs, thus in-line with Appendix 2 of PS for PoA/2/, this request is being submitted with issuance track.</p>
<b>Findings</b>	No findings were raised.
<b>Conclusion</b>	<p>The DOE confirms that.</p> <ul style="list-style-type: none"> <li>The deviation applies for the monitoring period from 01/01/2020 to 21/03/2020 (as per para 251 of CDM VVS PoA Version 2 /4/).</li> <li>There will be no over-estimation of emission reductions due to deviation as the assumptions and formulae are applied conservatively.</li> <li>The deviation complies with the relevant requirements related to the temporary deviation from the registered monitoring plan as prescribed in the PS for PoA/2/ and VVS for PoA/4/.</li> </ul>

Deleted: (

Deleted: K

Deleted: )

Deleted: and the

Deleted: (which has '0' residual capacity as evident under column 'AK')...

### D.3. Corrections

<b>Means of validation</b>	Not Applicable
<b>Findings</b>	Not Applicable



**CDM-CPA-PRCV-FORM**

<b>Conclusion</b>	Not Applicable
-------------------	----------------

**D.4. Changes to the start date of the crediting period**

<b>Means of validation</b>	Not Applicable
<b>Findings</b>	Not Applicable
<b>Conclusion</b>	Not Applicable

**D.5. Inclusion of monitoring plan**

<b>Means of validation</b>	Not Applicable
<b>Findings</b>	Not Applicable
<b>Conclusion</b>	Not Applicable

**D.6. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other methodological regulatory documents**

<b>Means of validation</b>	Not Applicable
<b>Findings</b>	Not Applicable
<b>Conclusion</b>	Not Applicable

**D.7. Changes to the project design**

<b>Means of validation</b>	Not Applicable
<b>Findings</b>	Not Applicable
<b>Conclusion</b>	Not Applicable

**D.8. Changes specific to afforestation and reforestation activities**

<b>Means of validation</b>	Not Applicable
<b>Findings</b>	Not Applicable
<b>Conclusion</b>	Not Applicable

**SECTION E. Internal quality control**

A draft validation report that is prepared by assessment team is reviewed by an independent technical review team (one or more members) to confirm if the internal procedures established and implemented by Earthood were duly complied with and such opinion/conclusion is reached in an objective manner that complies with the applicable CDM rules/requirements. The technical review team is collectively required to possess the technical expertise of all the technical area/sectoral scope the project activity relates to. All team members of the technical review team are independent of the assessment team.

During the technical review process, additional findings may be identified, or the closed-out findings may be opened, which needs to be satisfactorily resolved before the request for registration/issuance is submitted to UNFCCC. The independent technical reviewer may either approve the report as such or reject/return the same in such case providing the comments/findings/issues that need to be resolved by the assessment team. The decision taken by the Technical Reviewer is final and authorized on behalf of Earthood Services Private Limited.

**SECTION F. Validation opinion**

Earthood Services Private Limited (Earthood) has performed a validation of the post-registration changes of the 35 CPAs (9948-P1-0043-CP1 to 9948-P1-0077-CP1) project activity included under the PoA titled "Impact Carbon Global Safe Water Programme of Activities (PoA)". Earthood is accredited for the validation function for specific sectoral scopes (3: Energy demand) the CDM programme of activity falls into it.

The validation was performed on the basis of rules and requirements defined by UNFCCC for the CDM project activities. The review of the registered CPA-DDs/7/, applied methodologies/8/, supporting documentation and subsequent follow-up actions (including interviews), have provided Earthood with sufficient evidence to determine the fulfilment of stated criteria.

It is Earthood's opinion that the temporary deviation proposed in the monitoring report does not raise any concern with regards to the applicability of established baseline, additionality or scale of the project activity.

#### **CDM-CPA-PRCV-FORM**

The changes are only applicable to the current monitoring period and do not have any impact on the registered CPA-DDs.

The changes are only in the Monitoring Report of the current monitoring period. Therefore, the PRC request is being submitted along with the issuance as per Appendix 2 of PS for PoA version 2.0/2/.

## Appendix 1. Abbreviations

	Full texts
AMS	Approved Methodology for Small-scale
BE	Baseline Emission
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CL	Clarification Request
CME	Coordinating and Managing Entity
CO <sub>2</sub>	Carbon di oxide
CPA	Component Project Activity
CP	Crediting Period
DNA	Designated National Authority
DR	Desk Review
DOE	Designated Operational Entity
EB	Executive Board
ER	Emission Reduction
ESPL	Earthhood Services Private Limited
FAR	Forward Action Request
GHG	Green House Gas
IPCC	Intergovernmental Panel on Climate Change
KP	Kyoto Protocol
MP	Monitoring Plan
PCP	Project Cycle Procedure
PE	Project Emission
PoA DD	Programme of Activities Design Document
PP	Project Participant
PRC	Post Registration Changes
PS	Project Standard
QA/QC	Quality Assurance/Quality Control
tCO <sub>2</sub> e	tonnes of Carbon di Oxide equivalent
UID	Unique Identification
UNFCCC	United Nations Framework Convention on Climate Change
V	Version
VVS	Validation and Verification Standard
WPS	Water Purification Systems

## Appendix 2. Competence of team members and technical reviewers

Competence Statement	
<b>Name</b>	Deepika Mahala
<b>Country</b>	India
<b>Education</b>	M. Sc. (Environmental Management), GGSIP University B.Sc. Hons. (Chemistry), Sri Venkateshwar College, DU
<b>Experience</b>	3 Years +

**CDM-CPA-PRCV-FORM**

Field	Climate Change		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	ACM0002, AMS.I.D., AMS.I.A, AMS.III.AV, AMS.II.G		
Local expert	YES (India)		
Financial Expert	NO		
Technical Reviewer	YES		
TA Expert	YES (TA 1.2 & TA 3.1)		
Reviewed by	Shreya Garg	Date	14/09/2018
Approved by	Anshika Gupta	Date	14/09/2018

Competence Statement			
Name	Vaishali Vatsa		
Education	M.Sc. (Environmental Studies and Resource Management), TERI University		
Experience	4 months		
Field	Climate Change		
Approved Roles			
Team Leader	NO		
Validator	Yes		
Verifier	Yes		
Methodology Expert	NO		
Local expert	NO		
Financial Expert	NO		
Technical Reviewer	NO		
TA Expert (X.X)	NO		
Trainee	NO		
Reviewed by	Shreya Garg	Date	30/12/2019
Approved by	Anshika Gupta	Date	02/01/2020

Competence Statement	
Name	Kumden Nanbal Luka
Country	Nigeria
Education	B.tech. in Urban and Regional Planning
Experience	1+ years
Field	Environment; Urban-Rural planning
Approved Roles	
Team Leader	No
Validator	No
Verifier	No
Methodology Expert	No
Local expert	Yes (Nigeria)

CDM-CPA-PRCV-FORM

Financial Expert	No		
Technical Reviewer	No		
TA Expert	No		
Reviewed by	Shreya Garg	Date	23/11/2018
Approved by	Anshika Gupta	Date	23/11/2018

Competence Statement			
Name	Ashok Gautam		
Country	India		
Education	M. Sc. (Environmental Sciences) M. Tech. (Energy & Environmental Management)		
Experience	16 Years +		
Field	Energy, Climate Change & Environment		
Approved Roles			
Team Leader	YES		
Validator	YES		
Verifier	YES		
Methodology Expert	AMS-I.D., AMS-I.A., AMS-I.C., AMS-I.E, AMS-II.D., AMS-II.G., AMS-III.E., AMS-III.H., AMS-III.Q, AMS-III.Z., AMS-III.AV., AM0029, AM0025, AM0056, ACM0001, ACM0002, ACM0004, ACM0012, ACM0006, AM0018, ACM0009, AM0034, AMS.I.B, ACM0003		
Local expert	YES (India)		
Financial Expert	YES		
Technical Reviewer	YES		
TA Expert	YES (TA 1.1, TA 1.2, TA 3.1, TA 13.1)		
Reviewed by	Shreya Garg	Date	23/10/2019
Approved by	Anshika Gupta	Date	23/10/2019

### Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
1	Impact Carbon	Revised and Approved PoA-DD	Version 7.0	CME
2	UNFCCC	PS for PoA	Version 2.0	Others
3	UNFCCC	PCP for PoA	Version 2.0	Others
4	UNFCCC	VVS for PoA	Version 2.0	Others
5	Impact Carbon	Monitoring Report	<u>Version 3.0 dated 26/04/2021,</u>	CME
6	ESPL	Verification Report (4 <sup>th</sup> Monitoring Period-MR Number 2)	<u>Version 4.0, Dated 18/05/2021</u>	Others
7	Impact Carbon	CPA-DD for 9948-P1-0043-CP1, CPA-DD for 9948-P1-0044-CP1, CPA-DD for 9948-P1-0045-CP1, CPA-DD for 9948-P1-0046-CP1, CPA-DD for 9948-P1-0047-CP1,	Version 1	Other

Deleted: Version 2.0  
Dated: 07/01/2021

Deleted: Version 3.0  
Dated: 07/01/2021

Deleted: Dated: 07/01/2021

CDM-CPA-PRCV-FORM

		CPA-DD for 9948-P1-0048-CP1, CPA-DD for 9948-P1-0049-CP1, CPA-DD for 9948-P1-0050-CP1, CPA-DD for 9948-P1-0051-CP1, CPA-DD for 9948-P1-0052-CP1, CPA-DD for 9948-P1-0053-CP1, CPA-DD for 9948-P1-0054-CP1, CPA-DD for 9948-P1-0055-CP1, CPA-DD for 9948-P1-0056-CP1, CPA-DD for 9948-P1-0057-CP1, CPA-DD for 9948-P1-0058-CP1, CPA-DD for 9948-P1-0059-CP1, CPA-DD for 9948-P1-0060-CP1, CPA-DD for 9948-P1-0061-CP1, CPA-DD for 9948-P1-0062-CP1, CPA-DD for 9948-P1-0063-CP1, CPA-DD for 9948-P1-0064-CP1, CPA-DD for 9948-P1-0065-CP1, CPA-DD for 9948-P1-0066-CP1, CPA-DD for 9948-P1-0067-CP1, CPA-DD for 9948-P1-0068-CP1, CPA-DD for 9948-P1-0069-CP1, CPA-DD for 9948-P1-0070-CP1, CPA-DD for 9948-P1-0071-CP1, CPA-DD for 9948-P1-0072-CP1, CPA-DD for 9948-P1-0073-CP1, CPA-DD for 9948-P1-0074-CP1, CPA-DD for 9948-P1-0075-CP1, CPA-DD for 9948-P1-0076-CP1, CPA-DD for 9948-P1-0077-CP1,		
8	UNFCCC	Applied Methodology: AMS-III.AV. Low greenhouse gas emitting safe drinking water production systems	Version 4.0	Others
9	Impact Carbon	Emission Reduction Sheet	Corresponding to the MR	CME

## Appendix 4. Clarification requests, corrective action requests and forward action requests

Table 1. CLs from this validation

CL ID	NA	Section no.	NA	Date: DD/MM/YYYY
-------	----	-------------	----	------------------

CDM-CPA-PRCV-FORM

<b>Description of CL</b>	
NA	
<b>CME's response</b>	<b>Date:</b> DD/MM/YYYY
NA	
<b>Documentation provided by CME</b>	
NA	
<b>DOE assessment</b>	<b>Date:</b> DD/MM/YYYY
NA	

Table 2. CARs from this validation

<b>CAR ID</b>	NA	<b>Section no.</b>	NA	<b>Date:</b> DD/MM/YYYY
<b>Description of CAR</b>				
NA				
<b>CME's response</b>				<b>Date:</b> DD/MM/YYYY
NA				
<b>Documentation provided by CME</b>				
NA				
<b>DOE assessment</b>				<b>Date:</b> DD/MM/YYYY
NA				

-----

Document information

Version	Date	Description
02.0	31 May 2019	Revision to: <ul style="list-style-type: none"> <li>Ensure consistency with version 02.0 of the "CDM validation and verification standard for programmes of activities" (CDM-EB93-A08-STAN);</li> <li>Make editorial improvements.</li> </ul>
01.0	29 December 2017	Initial publication.
Decision Class: Regulatory Document Type: Form Business Function: Registration Keywords: post-registration change, component project activity, validation report		