



GROUPED PROJECT FOR MEKONG RIVER DELTA WATER PURIFIER



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Carbon Check (India) Private Ltd

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Summary:

A brief description of the verification and the project

Sustainability Investment Promotion and Development Joint Stock Company (SIPCO) has appointed Carbon Check (India) Private Ltd., to carry out the first verification of the VCS project “Grouped Projects for Mekong River Delta Water Purifier” in Viet Nam, VCS ID: 2581. And fall under the sectoral scope 03. The verification is based on the desk review of the Monitoring report /01/, latest version of VCS PD and the corresponding validation report, supporting emission reduction calculation spread sheets /02/ and other relevant supporting documents made available to the verification team by the project proponent accompanied by onsite audit and also onsite interviews. This verification involves the period of 10 November 2021 to 31 March 2022 (including both the days).

Under this grouped Project Activity, the water purifiers have distributed to the rural communities with no previous water purifiers access. The geographical boundaries of Project Activity “Grouped Projects for Mekong River Delta Water Purifier” covers the 12 Provinces (Ca Mau, Bac Lieu, Soc Trang, Tra Vinh, Ben Tre, Tien Giang, Long An, Dong Thap, An Giang, Vinh Long, Kien Giang, Hau Giang) and one city (Can Tho) of Mekong River Delta in Viet Nam.

So, the grouped project activity reduces the use and demand for fossil fuels and non-renewable biomass that would have been used to boil water as means to purify water in the absence of this grouped project activity. And the project start date is 10/11/2021 which is the distribution date of the

(ii) Review of information flows for generating, aggregating and reporting the monitoring parameters.

(iii) Interview with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the VCS PD.

(iv) A cross-check between information provided in the monitoring report and data from other sources such as inventories, purchase records, or similar data sources.

(v) A check of the monitoring equipment including calibration performance and observations of monitoring practices against the requirements of the VCS PD and the selected methodology.

(vi) Review of calculations and assumptions made in determining the GHG data and emission reductions.

(vii) Identification of quality control and quality assurance procedures in place to prevent or identify and correct any errors or omissions in the reported monitoring parameters.

- **The number of findings raised during verification**

A risk-based approach has been followed to perform this verification. During the course of verification, a total of 07 findings were raised, which includes:

02 Corrective Action Request (CAR); 05 Clarification Requests (CLs);

All the raised findings were successfully resolved by the PP.

- **Any uncertainties associated with the verification**

The VCS MR /01/, emissions reduction calculations /02/ along with the supporting documents provided are considered to be in line with all the VCS requirements /B01/. The verification team has detected no further uncertainties or quality restriction.

- **Summary of the verification conclusion**

In CCIPL's opinion, the emission reductions reported for the "Grouped Projects for MeKong River Delta Water Purifier" in the monitoring report are fairly and correctly stated. CCIPL is therefore able to certify that the emission reductions from the "Grouped Projects for MeKong River Delta Water Purifier" during the period from 10/11/2021 to 31/03/2022, is amount 101,898tCO₂ equivalent.

CCIPL does not assume any responsibility towards the issuance and utilisation of VCUs hereby verified and certified. Request for issuance of VCUs shall be made by the project proponent to an approved VCS Program Registry based on the requirements set out under the most recent version of the VCS Program Guidelines clause on VCS Registration. The verification of reported emission reductions is based on the information made available to CCIPL and the engagement conditions detailed in this report. Hence, CCIPL cannot be held liable by any party for decisions made or not made based on this report.

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1. INTRODUCTION

1.1 Objective

Sustainability Investment Promotion and Development Joint Stock Company has appointed the VVB, Carbon Check (India) Private Ltd. to perform a verification of the VCS Grouped Project “Grouped projects for Mekong River Delta Water Purifier”. This report summarizes the findings of verification of the project, performed on the basis of the VCS Program Guide (v4.2, updated 22/06/2022)/B01b/, VCS Standard (v4.3, updated 22/06/2022)/B01a/, Program Definitions (v4.2, updated 22/06/2022)/B01e/, Registration & Issuance Process (v4.2, updated 22/06/2022)/B01d/, VCS Validation and Verification Manual (v 3.2, dated 19/10/2016)/B01c/. Verification is required for all VCS project activities intending to register a grouped project under the VCS program. This report contains the findings and resolutions from the verification of the grouped project. The purpose of a verification is to have a thorough and independent assessment of the proposed grouped project against the applicable VCS requirements, in particular, the project's baseline, monitoring plan and the project's compliance with relevant VCS and host Party criteria. These are verified in order to confirm that the monitoring report, as documented, is sound and reasonable and meets the identified criteria. Verification is a requirement for all VCS projects and is seen as necessary to provide assurance to stakeholders of the quality of the project and its intended generation of emission reductions, VCU. The monitoring system is implemented and fully functional to generate emission reductions without any double counting, and the data reported are accurate, complete, consistent, transparent and free of material error or omission by checking the monitoring records and the emissions reductions calculation.

1.2 Scope and Criteria

The verification of this project is based on the latest VCS Project Description/23/, the Monitoring Report of this monitoring period /01/, emission reduction calculation spread sheet /02/, supporting documents made available to the verifier and information collected through performing interviews and during the on-site assessment. Furthermore, publicly available information was considered as far as available and required.

Carbon Check has employed a risk-based approach in the verification, focusing on the identification of significant risks and reliability of project monitoring and generation of emission reductions.

The verification is carried out on the basis of the following requirements (latest available on VCS website at the time of verification), applicable for this project activity:

- VCS Program Guide version 4.2, updated 22/06/2022
- VCS Standard version 4.3, updated 22/06/2022

- Program Definitions version 4.2, updated 22/06/2022
- Registration & Issuance Process version 4.2 updated 22/06/2022
- VCS validation and verification manual version 3.2, dated 19/10/2016
- CDM Methodology: AMS-III. AV version 08.0 “Low greenhouse gas emitting safe drinking water production system”/B02/
- Other relevant rules, including the host country legislation

The scope of this verification, by independent checking of objective evidence, is as follows:

- To verify that the project is implemented as described in the project description.
- To assess the project’s compliance with other relevant rules including the host country legislation.
- To assess the implementation of the monitoring plan content as mentioned in the latest VCS-PD/23/.
- To confirm that the monitoring system is implemented and fully functional to generate voluntary emission reductions (VERs/VCUs) without any double counting.
- To establish that the data reported are accurate, complete, consistent, transparent, and free of material error or omission by checking the monitoring records and the emissions reduction calculation/02/.
- To evaluate the GHG emissions reduction data and express a conclusion with a reasonable level of assurance about whether the reported GHG emissions reduction data is free from material misstatement.
- To verify that reported GHG emissions data is sufficiently supported by evidence.
- The verification shall ensure that the reported emission reductions are complete and accurate to be certified.

The method and criteria used for verification consisted of the following phases:

- 1) Completeness check and desk review
- 2) On Site Visit
- 3) Resolution of outstanding issues and issuance of final verification report and applicable VCS Validation and Verification Deeds of Representation.

Carbon Check (India) Private Ltd. conducts all its work under strict rules to safeguard impartiality and ensure the independence of the verification team. The verification does not provide any consulting or recommendations for the client. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the monitoring activities.

1.3 Level of Assurance

The verification report is based on the Monitoring report /01/, latest VCS PD and corresponding validation report /23/, supporting documents /03/-/15/ made available to the verifier and information collected through performing interviews.

The verification has been planned and organised to achieve a:

- ☒ Reasonable level of assurance
- ☐ Limited level of assurance

1.4 Summary Description of the Project

The project “Grouped projects for Mekong River Delta Water Purifier”, is a grouped project which employs of the CDM methodology; AMS-III.AV: “Low greenhouse gas-emitting safe drinking water production systems”, version 08 /B02/. The grouped project involves distribution of safe drinking water purifier (SDWP)s in MeKong River Delta of Viet Nam. The project activity targets households in rural communities with no previous water purifiers access. The geographical boundary is in MeKong River Delta of Viet Nam. Water purifiers are distributed free of cost to users as per latest VCS PD/23/.

The grouped project activity reduces the use and demand for fossil fuels and non-renewable biomass that would have been used to boil water as a means to purify water in the absence of this project activity. This directly leads to reduced greenhouse gas emissions.

As per the VCS PD /23/, the Project activity will promote the dissemination of Safe drinking water purifier with tank capacity 25 liters and removal of bacteria is 99.999%. Lifespan of SDWPs is 10 years. Each water purifier has been confirmed to the technology standards as per paragraph 4(b) of approved methodology AMS-III.AV Version 08. The outlet quality of water has been met microbes defined in QCVN 6-1:2010/BYT for drinking waters and meet the technology standards as per paragraph 4(b) of approved methodology AMS-III.AV Version 08.

As per the VCS PD/23/, and interviews with the representative of project proponent, each SDWP under project is uniquely identifiable /10/ and would be assured that it is not part of any other VCS project. Each project activity instance is uniquely identifiable /10/ by unique system to avoid the double counting. The measures to avoid double counting is deemed acceptable to the verification team. Project proponent has also submitted declaration /17 and /18/ to confirm the following:

- That the project is not creating any other form of environmental credit under any specific program.
- That the project has not or shall not claim carbon credits on any other scheme after Registration of the project under VCS.

The project proponent for the project activity is Sustainability Investment Promotion and Development Joint Stock Company, owns the rights to VERs /05/.

The scale of the “Grouped projects for Mekong River Delta Water Purifier” is under project category and the total estimated volume of GHG emission reductions from project activity 1 is 57,966tCO₂/year as per the latest VCS PD and its corresponding validation report/23/. The net emission reductions or removals for 10 project instances is 101,898 for this first monitoring period (10/11/2021 to 31/03/2022). The crediting period for the project activity is fixed type (10 years 00 months) is the life span of the water purifier. The start date of the crediting period is 10/11/2021 and the end date is 09/11/2031.

2 VERIFICATION PROCESS

2.1 Method and Criteria

The method and criteria used for verification:

The verification consists of the following three phases:

1. Completeness check and desk review of the validation report, monitoring plan, monitoring report, monitoring methodology, VCS PD, applicable tools in particular attention to the frequency of measurements, quality of metering equipment including calibration requirements, QA/QC procedures and other relevant documents.
2. Onsite interviews (including follow-up interviews with project stakeholders, when deemed necessary). The onsite interviews include the following:
 - An assignment of implementation and operation of project activity with respect to validated VCS PD
 - Review of information flows for generating, aggregating, and reporting the monitoring parameters.
 - Interview with relevant personals to determine whether the operational and data collection procedures are implemented and in accordance with the monitoring plan of the validated VCS PD,
 - Cross check of information and data provided in the monitoring report with purchase records or similar data sources.
 - Review of assumptions made in calculating the emission reductions (if any).
 - Implementation of QA/QC procedure in-line with the VCS PD and methodology requirements.

Resolution of outstanding issues and the issuance of the final Verification report and as applicable the VCS Verification Deed of Representation

Sustainability Investment Promotion and Development Joint Stock Company has appointed the VVB, Carbon Check (India) Private Ltd., to carry out the verification of the project “Grouped projects for Mekong

River Delta Water Purifier”, with regards to the relevant requirements of VCS Standard Version 4.3 (updated 22/06/2022)/B01a/.

The verification through the CCIPL includes a thorough and independent assessment of the proposed grouped project against the applicable VCS requirements, the project's used methodology AMS-III. AV. V.08.0, sampling and survey standard v09.0, Implementation of project status, Data and Parameters monitored, monitoring plan and the project's compliance with relevant VCS and host party criteria. The verification involves assessment of the project and to confirm that the project meets the applicability conditions of the selected methodology, AMS- III.AV: “Low greenhouse gas-emitting safe drinking water production systems”, version 08 /B02/ and assess the claims and compliance made in the MR /01/ without limitation on the information provided by the project participants.

The verification team of the CCIPL has applied a sampling approach, acceptance sampling for the onsite interviews as part of verification in accordance with the paragraph 26 of the Standard: Sampling and surveys for CDM project activities and programmes of activities, (Version 09.0). In accordance with the paragraph 28 of the sampling standard/B03a/, acceptance sampling has been chosen by the verification team and accordingly steps listed in paragraph 29 and 39 of the sampling standards shall be followed.

Verification team has opted for AQL of 0.5 % and UQL of 20 %; producer risk of 5 % and consumer risk of 10 % in determining the DOE's sample size. Accordingly, the sample size to be interviewed for the above-mentioned parameters are 11, with acceptance number (c) as 0. The overall verification was conducted using Carbon Check's internal procedures.

2.2 Document Review

During the document review, CCIPL has applied standard auditing techniques including but not limited to document reviews and onsite interviews, review of the applicable/applied methodology and its underlying formulae and calculations to assess the quality of information provided.

This report contains the findings and resolutions from the validation and a validation opinion on the proposed grouped project thus confirming the project design as document is sound and reasonable and meets the stated requirements and identified criteria.

The VCS monitoring report/01/, emission reduction calculation spread sheet “MeKong_ER calculation spreadsheet_29.12.2023”/02/, sampling size calculation, survey summary, water quality, Pyand m (fraction of functional appliances that are providing the SDWP), and supporting documents related to the project monitoring report for first verification and net emission reduction/removal were reviewed as per VCS standard version 4.3 /B01a/ requirements. The desk review included:

- A review of the data and information presented to verify completeness and consistency in accordance with VCS standard version 4.3 requirements.
- A review of the Monitoring report/01/, data monitored and monitoring methodology, paying particular attention to the applicability conditions of the methodology, sampling plan and size, survey summary and

net emission reduction for the considered monitoring period by the distribution of SDWPs in the 12 provinces and one city of MeKong River Delta in Viet Nam.

- A review of the monitoring plan and the project's compliance with relevant VCS criteria.
- An evaluation of data management and the QA/QC system in the context of their influence on the generation and reporting of ERs.

The monitoring report /01/ was initially reviewed and CCIPL requested the PP to present the supporting information and documents /03/-/15/. The documents were reviewed by CCIPL. Through the process of the verification, the revised monitoring report and the supporting documents were evaluated to confirm the actions taken by the PP to the CARs and CLs issued by the verification team.

The list of documents referred during the course of this verification has been provided in Appendix-1.1.

2.3 Interviews

The table below describes the on-site interview process and further identifies personnel, including their roles, who were interviewed and/or provided information additional to that provided in the monitoring report /02/ and any supporting documents.

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Ngo	Viet Anh	SIPCO (CME representative)	05/05/2022 & 06/05/2022	Project implementation and operation, monitoring procedure, data and information flow, Roles and responsibility, Quality Assurance -	Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
2	Hoang	Anh Dung	SIPCO (CME representative)	05/05/2022 & 06/05/2022	Management and operating system, Distribution records, Survey records, Training Qualification and Training, CER calculation and completeness of monitoring report, compliance of monitoring plan with monitoring methodology and latest PDD.	Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
3	Toi	Huynh Van	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N

						Trang
4	Thuy Linh	Nguyen	End-user	05/05/2022 & 06/05/2022	Cross-check of a sample of project participants' samples (Questionnaire, operation surveys/interviews) Including household size, public supply system, source of drinking water, amount of water used per day per family, treatment method, type of cookstove and fuel used for treating water.	Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
5	Giang	Le Van	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
6	Thi Em	Nguyen	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
7	Ngoc Oanh	Pham Thi	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
8	Thi Rot	Nguyen	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
9	Thu Dung	Tran Thi	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
10	Thi Cay	Nguyen	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
11	Thi Lan	Nguyen	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh,

						Aparna Choudhary. Nguyen H.N Trang
12	Thi Het	Nguyen	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
13	Mong Tham	Tran Thi	End-user	05/05/2022 & 06/05/2022		Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
18	Thi Hanh	Nguyen	End-user	05/05/2022 & 06/05/2022	Cross-check of a sample of project participants' samples (Questionnaire, operation surveys/interviews) for the parameter, quality of safe drinking water.	Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
19	Thi Quan	Do	End-user	05/05/2022 & 06/05/2022		
20	Thi Hong	Nguyen	End-user	05/05/2022 & 06/05/2022		
21	Thi Dung	Nguyen	End-user	05/05/2022 & 06/05/2022		
22	Xuyen	Le Thi	End-user	05/05/2022 & 06/05/2022		
23	My Hanh	Nguyen	End-user	05/05/2022 & 06/05/2022		
24	Van Vui	Lam	End-user	05/05/2022 & 06/05/2022		
25	Van Hung	Bui	End-user	05/05/2022 & 06/05/2022	Cross-check of a sample of project participants' samples (Questionnaire, operation surveys/interviews) m (Fraction of functional appliances that are meeting the SDWP Standard)	Vikash Kumar Singh, Aparna Choudhary. Nguyen H.N Trang
26	Kieu	Neang	End-user	05/05/2022 & 06/05/2022		
27	Thi Diem	Nguyen	End-user	05/05/2022 & 06/05/2022		
28	Thi Nhum	Nguyen	End-user	05/05/2022 & 06/05/2022		
29	Thi Dung	Thach	End-user	05/05/2022 &		

				06/05/2022		
30	My Phuong	Le Thi	End-user	05/05/2022 & 06/05/2022		
31	Thi Dung	Kim	End-user	05/05/2022 & 06/05/2022		

2.4 Site Inspections

A site visit to the project activity was undertaken by local expert on 05/05/2022 and 06/05/2022 to assess the implementation and operation of the project activity and to review evidence, and interview key personnel to confirm evidence associated with the data generation, aggregation, and calculation and reporting of the monitoring parameters.

The site visit addressed:

- An assessment of the project implementation and operation as per the /VCS PD/23/ (including physical inspection to confirm physical existence and operation of project components).
- Review of information flows for generating, aggregating, and reporting the monitoring parameters/data.
- Interviews with relevant personnel to confirm that the operational and data collection procedures are implemented in accordance with the monitoring plan in the monitoring report /01/.

In line with paragraph 26 of the Sampling Standard, the verification team has applied acceptance sampling approach through on-site interviews on the sampling survey as part of verification. The project participant had applied sampling approach. A representative Monitoring survey /07/ was conducted by the representatives of Project participant. The verification team has chosen acceptance sampling in accordance with paragraph 28 of the sampling standard /B03a/.

Applying paragraph 39 of the sampling standard, version 09 /B03a/, a sample size of 11 households was chosen with acceptance number (c) as 0. A sample size of 11 was determined, based on an AQL of 0.5% and UQL of 20%, producer risk 10% and consumer risk 10%. Acceptance number thus determined for the sample is 0. However, VVB also interviewed 7 end users for each parameters m and quality of safe drinking water, fixed ex-ante which is based on the baseline survey.

The information provided in the sampling survey data /07/, has been cross checked during the onsite interviews conducted. As a part of acceptance sampling, the verification team could confirm the User habit survey data with no discrepant records. Thus, PP's set of records has been accepted in line with § 33 of the sampling standard, version 09 /B03a/.

The verification team carried out site interviews with representatives of PP in order to assess the information included in the project documentation and to gain additional information regarding the compliance of the project with the relevant criteria applicable for the VCS.

2.5 Resolution of Findings

This section summarizes the findings from the verification of the project activity. In this section the findings from the document review, assessments and onsite interviews are provided.

Material discrepancies identified in the course of the verification are addressed either as CARs, CLs or FARs.

Corrective action requests (CAR) are issued, where:

- i. Mistakes have been made with a direct influence on project results requiring adjustments of the VERs/VCUs monitoring report.
- ii. Applicable methodological specific requirements have not been met.

A Clarification request (CL) may be used where additional information is needed to fully clarify an issue or where the information is not transparent enough to establish whether a requirement is met.

The verification team identified 02 CARs and 05 CLs. All CARs and CLs raised by Carbon Check during this verification have been resolved. If this was not completed, the ERs cannot be certified and recommended for issuance to the VCS Registry

2.5.1. Forward Action Requests

Forward Action Request (FAR) is to be raised when the monitoring and reporting require attention and/or adjustment for the next verification period. FARs does not relate to VCS requirements for issuance of ERs achieved during subject monitoring.

No Forward action request has been raised during the validation.

2.6 Eligibility for Validation Activities

Validation/Verification body (VVB), Carbon Check (India) Private Ltd. Holds accreditation for verification for the relevant sectoral scope 03 and is eligible for validation/verification for the project activity.

Please refer to the link below.

<https://verra.org/project/carbon-check-india-private-ltd/>

3 VALIDATION FINDINGS

3.1 Participation under Other GHG Programs

N/A

It has been confirmed through the description in latest VCS PD and its corresponding validation report/23/ and through interviews that the project activity “Grouped Projects for MeKong River Delta Water Purifier” does not participate under any emission trading program and other GHG Programs including renewable energy certificates (RECs). The project has applied only under VCS for registration and the same has been cross verified by the verification team by exploring /checking/visiting other GHG programs like, GS, CDM, GCC etc.

3.2 Methodology Deviations

N/A

The UNFCCC methodology of AMS-III.AV; “Low greenhouse gas- emitting safe drinking water production systems”, version 08/B02/. And its related tools are applied as they are without any deviation from methodology. Hence, it is clear that the project activity “Grouped Projects for MeKong River Delta Water Purifier” does not participate in any GHG program other than that the VCS.

3.3 Project Description Deviations

There has a change in the sample size calculation for parameter m “fraction of functional appliances that are meeting the SDWP Standard” that is mentioned in section 5.3 of registered PD. The change is as described below.

Parameter m

As per Guideline “Sampling and surveys for CDM project activities and programmes of activities”, for the use of a single sampling plan covering a group of PAs, provided the homogeneity of population can be demonstrated, or differences are taken into account in the sample size calculation, a 95/10 confidence/precision is applied for annual sampling. For fraction of functional appliances that are providing the SDWP (m), this is proportion value so the equation that will be used is:

$$n \geq \frac{1.96^2 N \times p(1-p)}{(N-1) \times 0.1^2 \times p^2 + 1.96^2 p(1-p)}$$

Where:

n : Sample size

N=Ny : Population who consumes the purified water serviced by the project activity in year y

p : Our expected proportion of the installed water purification systems will be in use and operating at the specified efficiency)

1.96 : Represents the 95 % confidence required

0.1 : Represents the 10 % relative precision

Substituting the values in above equation gives the value of N = [Number of users to be sampled] (rounded up).

At validation, the Implementer mentioned to distribute 28,000 SDWPs and will provide clean drinking water to 28,000 households in An Giang Provinces. So, the population size, N is taken as 28,000 persons.

It is expected at least 90% of households will be use drinking water from SDWPs, hence the expected proportion p for $N_{y,i,j}$ is taken as 0.9.

Based on the above assumptions, the resulting sampling size for a 95/10 confidence/precision is calculated as:

$$n \geq \frac{1.96^2 \times 28,000 \times 0.9 (1-0.9)}{(28,000 - 1) \times 0.1^2 \times 0.9^2 + 1.96^2 \times 0.9 (1- 0.9)}$$

Which comes out to be

$$n \geq 42.62$$

$$n = 43$$

Therefore, in this case a sample size of 43 is to be sampled from each primary sampling unit.

In case the resulting sample size to achieve the desired confidence/precision levels is smaller than 30, a minimum sample size of 30 shall be chosen when the parameter of interest is a proportion. The sample size is 43.

The verification team of CCIPL assess the methodology application, application of formula as per the sampling standard and finds that the deviation mentioned by the CME is deemed appropriate as the sample size calculation of parameter m based on the formula of mean parameter while the parameter m is a proportional value so the deviation is in in compliance with the VCS rules.

3.4 Grouped Project

The grouped project (the project) is the dissemination of energy efficient stoves for cooking purposes. A total of 240,000 SDWPs were distributed by the end of this monitoring period. As described in the latest project document/23/, for each new instance (distribution of SDWPs under project activity) the eligibility criteria below are confirming the new project activity instances in the assessment below:

The number of new project activity instances added to the project in this verification period is 10 and i.e., PA1, PA2, PA 3, PA6, PA7, PA8, PA16, PA17, PA18 and PA19: The sampling process for all is as per

sampling standard v09.0 /B03a/. The eligibility criteria of the Project activity instance were established at the group project validation in the VCS PD /23/.

- Quality and completeness of evidence, data and documentation relating to the new project activity instances:

The assessment team has reviewed the evidence collected by the PP for each of the PA included in this verification and confirmed the following;

- Implementation and operational status of the PA
- Monitoring and data collection
- Flow of information; generating, aggregating and reporting of the monitoring parameters
- Conformance of the new project activity instances with the eligibility criteria set out in the project description.

The verification team assessed the appropriateness of new project activity instances (added to the grouped project) against the requirements of the following key elements defined in section 3.2.11 of the Validation and Verification Manual (version 3.2):

Table 1: Eligibility criteria for new project activity instances.

No.	Eligibility criterion - Category	How the new project activity instances to comply	VVB Assessment
1	Meet the applicability conditions set out in the methodology applied to the project.	The new project activity instance will meet all applicability conditions of AMS – III.A.V: “Low greenhouse gas emitting safe drinking water production systems”, version 08.0.	Verification team reviewed the final PD and MR of the project and confirms that all the applicability criteria as mentioned in the section 3.2 of the final PD is met by the new project activities and the same has been cross checked by interviewing the PP. Thus, the criteria have met for all the project activity instances added in this monitoring period.
2	Use the technologies or measures specified in the project description	The water purification technologies include a low greenhouse gas emitting technology	On the basis of review of the MR, technical specification of the SDWP/15/ distributed in the new project activities and by interview with the PP and end-users, verification team confirms that the project device type used in the new project activity instances is a low greenhouse gas emitting technology which is also mentioned in the final PD. Thus, this criterion is met for all the new project activities added in this monitoring period.
3	Apply the technologies or measures in the same manner as specified in the project description	Technologies that use fossil fuels are not eligible. Technologies shall meet minimum criteria for specific instance type, as outline below: Technologies shall be deployed Natural Osmosis systems with the components illustrated in section 1.11 of this PD Technologies for community water consumption, with project emissions Flow rate: 2 – 3l/hr Other key features of the design of the systems. Type of service, as well as performance specification	On the basis of review of the MR, technical specification of the SDWP/15/ distributed in the new project activities and by interview with the PP and end-users, verification team confirms that the project device type used in the new project activity instances is a low greenhouse gas emitting technology which is also mentioned in the final PD. Thus, this criterion is met for all the new project activities added in this monitoring period

		based on, inter alia testing/certification: Each unit must achieve water quality for microbes defined in QCVN 6-1:2010/BYT for drinking water Lifespan is 10 years	
4	Are subject to the baseline scenario determined in the project description for the specified project activity and geographic area.	The grouped project will only perform distribution water purifiers within the MeKong River Delta of Viet Nam.	On the basis of review of the MR and interview with the PP and end users it is clear to the verification team that the new project activities have been implemented in the households of An Giang, Tra Vinh and Ben Tre Provinces within MeKong River Delta as detailed below and is well under the geographical area as defined in the final PD. PA1: An Giang PA2: An Giang PA3: An Giang PA6: Ben Tre PA7: Ben Tre PA8: Ben Tre PA16: Tra Vinh PA17: Tra Vinh PA18: Tra Vinh PA19: Tra Vinh Thus, the criteria is met for all the new project activities added.
5	Have characteristics with respect to additionality that are consistent with the initial instances for the specified project activity and geographic area.	The additionality of the project activity is demonstrated by simple cost analysis that is in line with paragraph 10 (a) of Tool21 “Demonstration of additionality of small-scale project activities” (version 13.1) and paragraph 33 and 34 of TOOL01 “Tool for the demonstration and assessment of additionality”, Version 07.0. To demonstrate additionality by Simple cost analysis, each project instance shall confirm and demonstrate that the SDWPs are distributed for free to the Users.	Verification team has reviewed the MR. Evidence to demonstrate water purifiers as free cost/15/, SDWP distribution agreement and interviewed the PP confirms that SDWPs distributed under all the projects activities added during this monitoring period are distributed free of cost and the additionality of all the PAs is demonstrated by simple cost analysis/24/ and is in compliance with the final PD.

6	Conditions that avoid double counting of emission reductions.	The new project activity instances will: Apply a unique system (i.e. conformity letter) for SDWP in each project instance, assigning a unique ID to each SDWP and allowing to clearly identify each SDWP and to which project instance it belongs. Each SDWP installed will include project instance assignment and will have corresponding end user details (i.e., name, address). This data will be recorded as part of the beneficiary agreement and Project database. The CME has an agreement in place with residents who use drinking water from SDWPs in the project instance in which the owner transfers the rights to the emissions reductions exclusively to the CME as part of the Carbon Rights Waiver within the Beneficiary agreement.	On the basis of review of the MR, SDWP distribution records/15/ and interview with the PP it is confirmed to the verification team that each Users have been provided a safe drinking water purifier (SDWP) with a unique identification number put on each SDWP, the label is as following below: PA1: CPA001-MRD-00001 to CPA001-MRD -28000. PA2: CPA002-MRD-00001 to CPA002-MRD -28000. PA3: CPA003-MRD-00001 to CPA003-MRD -28000 PA6: CPA006-MRD-00001 to CPA006-MRD -28000 PA7: CPA007-MRD-00001 to CP007-MRD -28000 PA8: CPA008-MRD-00001 to CPA008-MRD -28000 PA16: CPA016-MRD-00001 to CPA016-MRD -28000 PA17: CPA017-MRD-00001 to CPA017-MRD -28000 PA18: CPA018-MRD-00001 to CPA018-MRD -28000 PA19: CPA019-MRD-00001 to CPA019-MRD -28000
7	Capacity Limit	Each project instance will have a maximum capacity of 60,000 tCO₂e per year throughout the project instance crediting period.	The new project activities satisfy the criteria. The emission reduction of each Project activity is less than 60,000 tCO₂/year. (Detail in ER sheet)

8	Target group	Each project instance will target end users which includes households who use traditional cookstove to boil water.	The new project activities satisfy the criteria. Each household in project activities must sign a beneficiary agreement to commit that they are using traditional cookstove to boil water. To satisfy this criteria PP has signed a distribution agreement with Women's Union and before starting the survey PP has conducted a feasibility check, through which proportion of using traditional cookstove to boil water is being confirmed as mentioned in section 3.3 of the MR/01 -d/
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Based on the above assessment the verification team confirms that the inclusion of the project activity instances in the grouped project is valid.

Overall, the verification team of CCIPL assesses the quality and completeness of evidence, data and documents of project description of project activity and finds all information in uniform manner.

4 VERIFICATION FINDINGS

4.1 Project Implementation Status

The grouped project, "Grouped Projects for Mekong River Delta Water Purifier in Viet Nam" is submitted to Verra as a VCS project on (VCS project ID 2581) applying the CDM methodology AMS-III.AV: "Low greenhouse gas-emitting safe drinking water production systems", version 08.

This is the first monitoring report for the project "Grouped Projects for Mekong River Delta Water Purifier" which is grouped and employs the VCS methodology, AMS – III AV, version 08. /B02/. The grouped project involves the distribution of safe drinking water purifier (SDWP) in Vietnam. The project aims to distribute 28,000 SDWPs in An Giang Province in the project activity 1 and during this monitoring period all 28,000 SDWPs under project activity 1 is distributed till 27/11/2021. Apart from the PA1 projects include PA2, PA3, PA6, PA7, PA8, PA16, PA17, PA18 and PA19 with total number of 240,000 SDWPs distributed till the current monitoring period. The SDWPs will reduce the amount of non-renewable biomass used for boiling the water. PP has considered each SDWP distributed as a project activity instance. The start date for the grouped project is 10/11/2021 /03/ which is the date of installation/registration of the first SDWPs in the grouped project.

The verification team confirms that there is no change from the latest VCS PD of the physical features which may impact the emission reductions of the project activity. This has been confirmed based on the review of equipment contract as evidence of the cost for Safe Drinking Water Purifiers/21/, and SDWP distribution agreement/15/, conducting interviews with representatives of PP as well as by carrying out onsite interviews with end users. Thus, the verification team concludes all the physical features of the VCS grouped project in the latest VCS PD/23/ are in place.

The verification team confirms that during the current monitoring period (10/11/2021 to 31/03/2022) the VCS grouped project has disseminated 240,000 SDWPs, this was confirmed based on the review of distribution database/07/ and further based on interviews with representatives of PP through on-site interviews.

During the on-site interviews verification, QA/QC procedures were identified which demonstrate that: operational and management system of the grouped project is in place; data were centralized; monitoring data were crosschecked with the sales records and confirmation that all operational staff were trained before taking up positions. The verification team thus confirmed that the monitoring of the project activity has been implemented in accordance with the monitoring plan in the latest VCS PD.

The latest VCS PD clearly describes the monitoring and responsibility of monitoring is done by PP. During the onsite interviews, monitoring, data collection and reporting procedures were confirmed with the relevant staff and through document review of samples of all relevant records.

The verification team confirms that the monitoring plan is in accordance with VCS approved methodologies AMS – III AV, version 08 /B02/. All data are collected and archived in accordance with the applied methodologies and included in the monitoring plan. This was confirmed based on the onsite interviews with representatives of PP and upon further review of samples of all relevant records.

All the ex-ante parameters which are used in the calculation of emission reductions are consistent with the VCS PD. It is confirmed that ex-ante parameters mentioned in section 4.1 of the MR /01/ are in line with the parameters mentioned in section 5.1 of the VCS PD. All the ex-post parameters have been monitored as per the monitoring plan and presented in section 4.2 of the MR /01/.

4.2 Safeguards

4.2.1 No Net Harm

Verification team has been observed that there is no net harm due to project activity “Grouped Projects for Mekong River Delta Water Purifier” this is confirmed by the on-site interview, latest VCS PD/23/.

4.2.2 Local Stakeholder Consultation

As per the latest VCS PD/23/ and MR/01/ the consultation meeting was held on the 18/04/2021 which was prior to the project start date and current monitoring period.

Verification team Cross checked the Local stakeholders’ consultation meeting records/08/ and finds there were no negative feedback from the stakeholders.

As per the MR/01/, there is socio-economic and cultural barrier in the project area thus, to overcome with this situation SIPCO(PP) go through the informal consultation activity (direct community engagement) to introduce the project at each province. The consultation activities are done by the electronic means of communication by using participatory methods with previous, current, and prospective end user.

The verification team confirms on the procedure and method for engagement, method for documenting the outcomes of local stakeholders' consultation and account of all inputs received. The feedback from the local stakeholder requested for the project in period from 10 November 2021 to 31 March 2022 and all the feed back received and the response for the same has been mentioned in section 2.2 of the MR/01/. The verification team confirms that the project proponent has taken due account of all input (no negative comments were received for the project). Hence the verification team deemed the local stakeholders meeting procedure including the inputs received as appropriate.

4.3 AFOLU-Specific Safeguards

N/A

Because the project is not an AFOLU project.

4.4 Accuracy of GHG Emission Reduction and Removal Calculations

The equations and choices provided in the methodology and all other methodological tools are correctly quoted in the MR /01/. The emission reductions of the project instances of the grouped project and project activity instance are calculated using the formulae mentioned in the applied methodologies; AMS-III.AV low greenhouse gas emitting safe drinking water production systems (Version 08.0)/B02/. The verification team has reviewed the emission reduction spread sheets (ER sheets) and checked all the formulae and found they are correct and are in accordance with the monitoring plan of the PD and the applied monitoring methodology.

According to applied methodology AMS- III.AV (Version 08.0)) /B02/the emissions are calculated as below:

Baseline Emission

$$BE_y = QPW_y \times m \times X_{boil} \times SEC \times \sum_i (BL_{fuel,i} \times f_i \times EF_{projected\ fossilfuel,i} \times 10^{-9})$$

BE_y : Baseline emissions during the year y in (tCO₂e)

QPW_y : Total quantity of purified water by the project in year y (litres).

M : Fraction of functional appliances that are meeting the SDWP standards (%). Only project appliances that (i) use technologies that meet the

technology standards as per paragraph 4(b) and (ii) are operating or replaced by an equivalent in service appliance and (iii) deliver microbiologically safe drinking water, are counted for emission reductions.

X _{boil}	: Fraction of the population served by the project activity for which the common practice of water purification is or would have been water boiling. This shall be determined ex-ante through surveys.
SEC	: Specific energy consumption required to boil one litre of water(kJ/L) to be calculated according to paragraphs below
BL _{fuel,i}	: Proportions of baseline fuel type I (NRB and/or fossil fuels)used in the absence of the project activity (fraction)
f _i	: Fraction of non-renewable fuel type i used in the absence of the project activity in year y. For biomass it is the fraction of woody biomass that can be established as non-renewable biomass (f _{NRB}). If the baseline fossil fuel, the value to be applied is 1
EF _{projected fossil fuel,i}	: Emission factor of the fossil fuel substituted (tCO ₂ /TJ).

Project Emission: No project emission has been considered for the project and it is in compliance with the applied methodology.

Leakage: Where relevant leakage relating to the non-renewable woody biomass shall be assessed as per the relevant procedures of AMS-I. E version 12.0 explained below:

By will be multiplied by a net to gross adjustment factor of 0.95 to account for leakages, in which case surveys are not required.

If the equipment currently being utilized is transferred from outside the boundary to the project boundary, leakage is to be considered. This is in compliance with the applied methodology.

Sampling approach: -The sampling plan implemented by the PP is in accordance with the applied approved monitoring methodology /B02/ and the VCS PD /23/. The CME has appropriately performed stratified random Sampling procedure, reliability levels were set at 95% confidence and 10% precision in line with the applied methodology AMS- III.AV (Version 08.0)) /B02/. As the VCS PD /23/ mentions the option for stratified random Sampling procedure, it is acceptable to the verification team.

The sampling surveys have been carried out by the well-trained personnel /16/. Monitoring parameters Py: The number of SDWPs still in operation during the monitoring period. Visual inspection of the premises to see if SDWP is operational and in use. Interview with end user if required to verify that SDWP is still in use (Yes/No).

Monitoring parameter m: For fraction of functional appliances that are meeting the SDWP Standard, Py Population who consumes the purified water serviced by the project activity in year y and Quality of safe drinking water are the parameters through monitoring sample surveys. Monitoring of the parameters ensures compliance with the applied methodology AMS- III.AV Version 08.0/B02/. Verification team has checked the survey records /7/ and sample size calculation/13/.

PP has applied sampling for the current monitoring period. A confidence/precision level of 95/10 has been used by the PP for all the monitoring parameters determined through applying simple random sampling. Survey has been carried out. This is in accordance with the sampling plan provided in the final VCS PD /23/. The sample size calculations for each of the monitoring parameters monitored through the sampling have been provided in the table below. The calculated sample size for the parameter Py is 43 while taking in view for the outliers and nonresponse CME calculated an additional 20% of the sample to be surveyed. A total of 52 samples were selected. However, for the parameter m there is a deviation in sample size calculation as mentioned in section 3.2.2 of the MR. The sample size for the parameter as calculated by PP is 43.

For the parameter quality of safe drinking water the calculated sample size (for parameter of interest is a numeric mean value) is less than 30 samples, the Student's t-distribution will be used to calculate the sample size (in accordance with paragraph 13 of standard: sampling and survey for CDM project activities and programmes of activities (version 09.0). The adjusted sample size obtained after applying Student's t-distribution is 7. Therefore, in this case a sample size of 7 is to be sampled from each primary sampling unit for both the parameters.

The resultant applied sample size by the PP are summarized below:

Parameters	Py	m	Quality of safe drinking water
Sample size	52	43	7
Precision achieved	0%	0%	0%

The verification team of the DOE applied a sampling approach for on-site visits as part of verification in accordance with the paragraph 26 of the Standard: Sampling and surveys for CDM project activities and programmes of activities, Version 09.0. In accordance with the paragraph 28 of the sampling standard, acceptance sampling has been chosen by the verification team and accordingly steps listed in paragraph 29 of the sampling standard/B03a/ shall be followed. The verification team has opted for AQL of 0.5% and UQL of 20%; producer risk and consumer risk of 10% in determining the DOE's sample size. Accordingly, we plan to do the interview for 11 households across the PA from the PP's sample size for the parameter Py and m of project activity for the monitoring period with acceptance number C) as 0. And the sample size by DOE for the parameter the safe quality of water is same as PP sample size that is 7.). It was observed that out of the 11 samples, all the 11 SDWPs were found to be operational and

meeting the SDWP standard and this matched with the PP's records and hence no discrepant records were observed with the MR /01/ and ER sheet /02/ and thus $c=0$. Thus, PP's set of records has been accepted in line with § 33 of the sampling standard, version 09 /B03a/. Verification team has cross verified these sample documents.

As per paragraph 25 of the Sampling Standard, version 09 /B03a/, the verification team has to verify whether the project participants entity have implemented the sampling and surveys according to the sampling plan in the registered monitoring plan. The verification includes determining:

- (a) Whether the required confidence/precision has been met.
- (b) Whether the selected sample was representative of the population.

As per the applied methodology AMS- III.AV low greenhouse gas emitting safe drinking water production systems (Version 08.0) and the final/latest VCS PD for the grouped project/23/. The necessary confidence / precision of 95/10 each of the parameters are met. This has been cross verified by the verification team from the supporting documents submitted /13/.

Emission reductions have been calculated in accordance with the applied methodology AMS- III.AV version 08 /B01/, and latest VCS PD /23/. The PP has used monitored data and ex-ante fixed data including default values as mandated/permitted by the applied methodology. The values used for calculation of GHG emission reductions have been thoroughly checked by the verification team and was found appropriate and correct.

Table :2 Parameter Determined ex-ante.

The following parameters are determined ex-ante and mentioned in section 5.1 of the VCS PD/23/:

Parameter	Unit	Value	Assessment
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QPWpp	Liters			-Fixed ex-ante The value has been calculated from the baseline survey records and is in compliance with the applied methodology and is used for the baseline emissions
		PA	QPWpp	
		1	5.1	
		2	5.1	
		3	5.1	
		6	5.02	
		7	5.02	
		8	5.02	
		16	4.98	
		17	4.98	
		18	4.98	
		19	4.98	
LS	Years	10		- Fixed ex-ante The valued has been taken from the manufacturer's specifications in compliance with the applied methodology
nwb	%	10		- Fixed ex-ante - Default values from based on the option b as detailed in the applied methodology. <i>The value is verified as PP complies with the criteria 8 as mentioned in section 3.3 of the MR./01-d/</i>

BL _{fuel,i}	Fraction			- Fixed ex-ante The value is determined from the baseline survey records and is in compliance with the applied methodology and is used for the baseline emissions. In line with the requirement mentioned in PD page 40, PP has conducted the feasibility check in the Ben Tre and Tra Vinh where the distribution has been done during the current monitoring period but the result comes out to be more beneficial, so PP has used the result from PA 1 as conservativeness. Verification team has cross checked the result from updated the survey records submitted by PP./27/
		PA	BL _{fuel,i}	
		1	0.9198	
		2	0.9198	
		3	0.9198	
		6	0.9667	
		7	0.9667	
		8	0.9667	
		16	0.9438	
		17	0.9438	
		18	0.9438	
		19	0.9438	

<i>fj</i>	Fraction	0.9403	- Fixed ex-ante The value is established using as per the methodological Tool30 “Calculation of fraction of non-renewable biomass” version 03.0. As per “TOOL30: Calculation of the fraction of non-renewable biomass”. The analysis was independently completed by C4 Ecosolutions (Pty) Ltd based on the survey records.																
EFprojected fossil fuel	tCO ₂ /TJ	85.7	- Fixed ex-ante The value is default value from the AMS-III.AV, Version 08.0 and IPCC, Chapter 2, table 2.2 and used to determined baseline emissions.																
Xboil	%	<table><tr><td>PA</td><td>Xboil</td></tr><tr><td>1</td><td>0.9818</td></tr><tr><td>2</td><td>0.9818</td></tr><tr><td>3</td><td>0.9818</td></tr><tr><td>6</td><td>0.9958</td></tr><tr><td>7</td><td>0.9958</td></tr><tr><td>8</td><td>0.9958</td></tr><tr><td>16</td><td>1</td></tr></table>	PA	Xboil	1	0.9818	2	0.9818	3	0.9818	6	0.9958	7	0.9958	8	0.9958	16	1	- Fixed ex-ante The value is determined from the baseline survey and is used to calculate the baseline emissions.
PA	Xboil																		
1	0.9818																		
2	0.9818																		
3	0.9818																		
6	0.9958																		
7	0.9958																		
8	0.9958																		
16	1																		

		17	1	
		18	1	
		19	1	
P_h	Fraction	PA	P_h	- Fixed ex-ante. Value is determined from the survey records and is used for the baeline emission calculation.
		1	4.5	
		2	4.5	
		3	4.5	
		6	4.58	
		7	4.58	
		8	4.58	
		16	4.43	
		17	4.43	
		18	4.43	
		19	4.43	

The spread sheet submitted by the PP clearly and transparently mentions values of the data parameters used for calculation of emission reductions. The input values have been verified from the reliable and authentic sources including monitoring records (distribution records) /07/, MR /01/, and applied methodology /B02/. The emission reductions calculated were compared with the emission reduction spread sheet /02/ and found to be correct. No significant reporting risks have been identified for the data reported.

The details of monitoring parameters used for calculation of emission reductions are provided below:

Monitoring Parameter Requirement	Assessment/ Observation by the VVB
Data / Parameter: (as in monitoring plan of VCS PD):	Population who consumes the purified water serviced by the project activity in year y P_y
Measuring frequency/Time Interval:	Annual
Reporting frequency:	Annual

Reported value:	PA	N _y	P _h	P _y = N _y x P _h
	1	28,000	4.5	126,000
	2	28,000	4.5	126,000
	3	21,720	4.5	97,740
	6	28,000	4.58	128,240
	7	28,000	4.58	128,240
	8	3,610	4.58	16,534
	16	28,000	4.425	124,040
	17	28,000	4.425	123,900
	18	28,000	4.425	123,900
	19	18,670	4.425	82,615
	Total	240,000 ¹		1,077,209
Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes			
Details of monitoring equipment:	Value obtained from monitoring survey of samples /13/ and data base.			
If applicable, has the reported data been cross-checked with other available data?	Yes, the reported data in MR has been compared with monitoring survey records /07/ and the ER sheet /02/. The total number of SDWPs has been cross checked with the database /15/ and evidence to demonstrate water purifier as free of cost to the user /12/ as provided by the PP.			
How were the values in the monitoring report verified?	NA			

¹ Considered total number of SDWPs distributed as on 15th March 2022. Details are provided in ER sheet.

Does the data management (from data generation to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, the data management ensures correct transfer of data and reporting of emission reductions and all necessary QA/QC processes are in place.
In case only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	NA

Monitoring Parameter Requirement	Assessment/ Observation by the VVB	
Data / Parameter: (as in monitoring plan of VCS PD):	Quantity of purified water in year y QPW _y	
Measuring frequency/Time Interval:	Annual	
Reporting frequency:	Annual	
Reported value:	PA	QPW _y
	1	80,325,000
	2	70,153,560
	3	25,262,442
	6	59,118,853
	7	29,883,194
	8	1,659,994
	16	55,485,703
	17	43,191,540
	18	28,215,535

	19	6,994,165
	Total	400,289,985
Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes	
Details of monitoring equipment:	NA, value is based on the equation: $QPW_y = P_y \times QPW_{pp} \times 365$	
If applicable, has the reported data been cross-checked with other available data?	Yes, the reported data in MR has been compared with monitoring survey records /09/ and the ER sheet /02/. The total number of SDWPs has been cross checked with the database /09/ and evidence to demonstrate water purifiers as /12/ as provided by the PP.	
How were the values in the monitoring report verified?	The value has been verified by the distribution records and by checking the calculations from ER sheet	
Does the data management (from data generation to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, the data management ensures correct transfer of data and reporting of emission reductions and all necessary QA/QC processes are in place.	
In case only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?	NA	

Monitoring Parameter Requirement	Assessment/ Observation by the VVB
Data / Parameter: (as in monitoring plan of VCS PD):	m , Fraction of functional appliances that are providing the SDWP

Measuring frequency/Time Interval:	Annual
Reporting frequency:	Annual
Reported value:	1
Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes
Details of monitoring equipment:	NA
If applicable, has the reported data been cross-checked with other available data?	1. Yes, the reported data in MR has been compared with Microbiological testing certificate/11/ and the ER sheet /02/. Verification team confirms that the Microbiological testing certificate of Can Tho Technical Center of Standards Metrology and Quality is a third party who conducted the test and the Center's laboratories have been recognized by VILAS in accordance with international standards ISO/IEC 17025 since 2001 and continue to be accredited until now. /26/ which also comes under Ministry Of Science and Technology Bureau. This satisfies the requirement of of para. 4 (c) of Data/Parameter table 11 and Box 3 of AMS-III.AV, v.08.0.
How were the values in the monitoring report verified?	The value has been verified by microbiological testing report an interview with the PP.
Does the data management (from data generation to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, the data management ensures correct transfer of data and reporting of emission reductions and all necessary QA/QC processes are in place.
In case only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption	NA

theoretically possible been applied or has a request for deviation been approved?

Monitoring Parameter Requirement	Assessment/ Observation by the VVB
Data / Parameter: (as in monitoring plan of VCS PD):	Check for SDWP public distribution network
Measuring frequency/Time Interval:	Annual
Reporting frequency:	Annual
Reported value:	1.No public distribution network supplying SDWP is installed at project area
Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes
Details of monitoring equipment:	NA
If applicable, has the reported data been cross-checked with other available data?	Yes, the reported data in MR has been compared with the confirmation from local authorities/25/ and interview with the PP. Thus, verification team confirms that the monitoring of this parameter complies with the requirements detailed in Data / Parameter table 13 of AMS-III.AV, v.08.0.
How were the values in the monitoring report verified?	The value has been verified by interviewing the end users during the site visit to cross check the information provided in the monitoring survey records and also by interviewing the PP.
Does the data management (from data generation to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, the data management ensures correct transfer of data and reporting of emission reductions and all necessary QA/QC processes are in place.
In case only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring plan, has the most conservative assumption	NA

theoretically possible been applied or has a request for deviation been approved?

Monitoring Parameter Requirement	Assessment/ Observation by the VVB
Data / Parameter: (as in monitoring plan of VCS PD):	Quality of safe drinking water
Measuring frequency/Time Interval:	Once every two years
Reporting frequency:	Once every two years
Reported value:	1
Is measuring and reporting frequency in accordance with the monitoring plan and monitoring methodology? (Yes / No)	Yes
Details of monitoring equipment:	NA
If applicable, has the reported data been cross-checked with other available data?	Quality of safe drinking water is confirmed by Third party annually. 07 samples for grouped project were sampled and tested. All treated water samples are confirmed to meet the Viet Nam Drinking water Standard and the same has been crosschecked by the microbiological testing report. /11/ and by interviewing all 07 samples and PP during the site visit.
How were the values in the monitoring report verified?	The value has been verified by interviewing all the 07 end users during the site visit to cross check the information provided in the monitoring survey records and also by interviewing the PP.
Does the data management (from data generation to emission reduction calculation) ensure correct transfer of data and reporting of emission reductions and are necessary QA/QC processes in place?	Yes, the data management ensures correct transfer of data and reporting of emission reductions and all necessary QA/QC processes are in place.
In case only partial data are available because activity levels or non-activity parameters have not been monitored in accordance with the registered monitoring	NA

plan, has the most conservative assumption theoretically possible been applied or has a request for deviation been approved?

4.5 Quality of Evidence to Determine GHG Emission Reductions and Removals

CCIPL verification team was able to confirm that the calculations are based on authentic data and the Emission reduction spreadsheets /02/used to calculate the VCU's calculations and all figures were tracked, checked, and found to be consistent.

The quality of supporting evidence submitted to the VVB for verification is adequate and found to be verifiable. The transfer of carbon rights and other supporting documents related to quality and maintenance were checked by the verification team during the on-site audit to confirm the authenticity of the documents and to check the correctness of the calculation.

When verifying the reported emission reductions, CCIPL ensured that there was a clear audit trail that contained the evidence and records that validate the stated figures. All source of documents that form the basis for assumptions and other information underlying the GHG data were checked by the verification team.

When assessing the audit trails, CCIPL also examined:

1. Whether sufficient evidence was available, both in terms of frequency and in covering the full monitoring period
2. The source and nature of the evidence.
3. If comparable information was available from sources other than that used in the monitoring report, CCIPL cross-checked the monitoring report against the other sources to confirm that the stated figures were correct.

CCIPL also assessed that the data collection system met the requirements of the monitoring plan as per the applied methodology /B02/.

Proper data management inclusive of data acquisition and aggregation, data management system is being followed for the project activity.

Therefore, Verification Team of CCIPL, hereby confirms that the evidence used to determine the GHG emission reductions are sufficient in quantity and appropriate in quality.

4.6 Non-Permanence Risk Analysis

N/A

5 VERIFICATION CONCLUSION

Carbon Check (India) Private Ltd., (the VVB) has performed the first (1st) emission reduction verification of the registered VCS project activity “Grouped Projects for MeKong River Delta Water Purifier” having VCS ID; 2581. The scope of the activities covers the verification and certification of GHG emissions reductions reported in latest monitoring report /01/. And this report summarizes the findings of the verification of the project, performed on the basis of VCS criteria, as well as criteria given to provide for consistent project operations, monitoring and reporting.

The project activity falls under the group project which involves the distribution of safe drinking water purifiers (SDWPs) in rural communities with no previous water purifiers access. The verification process was performed on the basis of all guidance and criteria as provided in VCS Standard version 4.3/B01-a/, VCS Program Guide version 4.2/B01-b/, VCS Validation and Verification Manual version 3.2/B01-c/ and Registration & Issuance Process version 4.2/B01-d/.

The component project activities (PA1, PA2, PA3, PA6, PA7, PA8, PA16, PA17, PA18 and PA19) were correctly implemented according to selected monitoring methodology, monitoring plan and the latest PD /23/ for the group project activity. The monitoring system was installed, maintained in a proper manner, while collected monitoring data allowed for the verification of the amount of achieved GHG emission reductions. Through the review and on-visit the verification team confirms that the project activity has resulted in emission reductions of 101,898tCO₂e during the first (01) monitoring period 10/11/2021 to 31/03/2022 as per MR /01/.

CC IPL as a DOE is able to issue a positive verification opinion expressed in the attached Certification statement. And as the result of verification of the project activity of this grouped project, the verifier confirms that the GHG emission reductions are calculated without material misstatements in a conservative and appropriate manner. Carbon Check (India) Private Ltd. herewith confirm that the project has achieved emissions reductions in the below mentioned reporting period as follows. The project complies with the verification criteria for projects and their GHG emissions reductions or removal set out in VCS criteria. Verified GHG emission reductions and removals in the above verification period:

Table of net emissions reduction during the current monitoring period for overall grouped project activity

Year	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
(10/11/2021 to 31/03/2022) 142 Days	107,261	0	5,363	101,898
Total	107,261	0	5,363	101,898

Table is for the details of emission reduction of each project activity below

Project activity	Baseline emissions or removals (tCO ₂ e)	Project emissions or removals (tCO ₂ e)	Leakage emissions (tCO ₂ e)	Net GHG emission reductions or removals (tCO ₂ e)
PA 1	20,896	0	1,045	19,851
PA 2	18,250	0	913	17,338
PA 3	6,572	0	329	6,243
PA 6	16,394	0	820	15,574
PA 7	8,287	0	414	7,873
PA 8	460	0	23	437
PA 16	15,086	0	754	14,731
PA 17	11,743	0	587	11,156
PA 18	7,671	0	384	7,288
PA 19	1,902	0	95	1,807
Total	107,261	0	5,363	101,898

APPENDIX 01: ABBREVIATIONS

AQL	Acceptable Quality Level
BAU	Business As Usual
CA	Corrective Action / Clarification Action
CER	Certified Emission Reduction
CAR	Corrective Action Request
CCIPL	Carbon Check (India) Private Ltd.
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CL	Clarification Request
CO₂	Carbon Dioxide
CO_{2e}	Carbon Dioxide Equivalent
DOE	Designated Operational Entities
DVR	Draft Validation Report
EB	CDM Executive Board
EF	Emission Factor
FA	Final Approval
FAR	Forward Action Request
FVR	Final validation Report
GHG	Greenhouse gas(es)
GWh	Giga Watt Hour
IPCC	Intergovernmental Panel on Climate Change
MW	Megawatts
MWh	Mega Watt Hour
OSV	On Site Visit
QC/QA	Quality control/ Quality assurance
TA	Technical Area
TR	Technical Review
UNFCCC	United Nations Framework Convention on Climate Change
UQL	Unacceptable Quality Level
VCS	Verified Carbon Standard
VVB	Validation / Verification Body

APPENDIX 02: REFERENCE DOCUMENTS

Ref	Document
/01/	a. Monitoring report for Grouped projects for Mekong River Delta Water Purifier (version 01; dated: 08/04/2022) b. Monitoring report for Grouped projects for Mekong River Delta Water Purifier (version 02; dated: 01/06/2022) c. Monitoring report for Grouped projects for Mekong River Delta Water Purifier (Version 03; dated: 24/06/2022) d. Monitoring report for Grouped projects for Mekong River Delta Water Purifier (version 04; dated: 14/11/2022) e. Monitoring report for Grouped projects for Mekong River Delta Water Purifier (version 06; dated: 29/12/2022) - f.
/02/	• ER estimated spread sheet correspond to /01-a/ “MeKong_ER calculation_29.12.22”.
/03/	Evidence for the start date of project activity 1 and the grouped project.
/04/	Technical specifications of the SDWP from manufacturer including the life span.
/05/	Proof of right of relinquishment of VERs from the end users to the project proponent.
/06/	Beneficiary agreement confirming that the traditional wood stoves were used for boiling water in the baseline situation.
/07/	Baseline survey records (for the parameters QPW_{pp} , $BL_{fuel,l}$, X_{boil}) implemented at Mekong river Delta
/08/	Local stakeholders’ consultation meeting records.
/09/	Project implementation schedule.
/10/	Evidence of unique identification system of the SDWP.
/11/	Microbiological test report from an accredited laboratory.
/12/	Evidence to demonstrate water purifiers as free of cost to the users.
/13/	Sample survey or reference literature used to determine the types of stoves and fuel used in the baseline scenario.
/14/	Monitoring survey questionnaire template
/15/	SDWP distribution agreement

/16/	Training plan/ records of personnel appointed for surveys.
/17/	Declaration from the project proponent that the project is not creating any other form of environmental credit under any specific program.
/18/	Declaration from the project proponent that the project has not or shall not claim carbon credits on any other scheme after Registration of the project under VCS.
/19/	fNRB calculation report from a third party.
/20/	Evidence for the values used for the ex-ante VER estimation.
/21/	Equipment contract as evidence of the cost for Safe Drinking Water Purifiers.
/22/	1. Public comment Summary 2. Public comments Response 3. 4G_Exclusive certificate 4. Ecozen- 25 Water Final EN.
/23/	Latest VCS Project Document and its corresponding Validation Report
/24/	Documents for simple cost analysis for each project activity.
/25/	Confirmation about safe drinking water system for An Giang, Ben Tre and Tra Vinh
/26/	Certificate of accreditation of third party laboratory who conducted the Microbiological test
/27/	Updated Survey records

Background Documents

Ref	Document
/B01/	VCS Requirements a. VCS Standard (v4.3, updated 22/06/2022) b. VCS Program Guide (v4.2, updated 22/06/2022) c. VCS Validation and Verification Manual version (v3.2, dated 19/10/2016) d. Registration & Issuance Process (v4.2, updated 22/06/2022) e. VCS Program Definitions version (v4.2, updated 22/06/2022) f. VCS Verification template version 4.1, updated 20/01/2022
/B02/	Applied baseline and monitoring methodology 1) AMS-III.AV: “Low greenhouse gas-emitting safe drinking water production systems”, version 08”
/B03/	a. “Standard for sampling and surveys for CDM project activities and programme of activities” (version 09.0) b. Guidelines for sampling and surveys for CDM project activities and Programme of

	Activities (version 04)
/B04/	Website and links: 1. IPCC (http://www.ipcc-nggip.iges.or.jp) 2. http://cdm.unfccc.int 3. http://www.v-c-s.org

APPENDIX 03: CERTIFICATES OF COMPETENCE



Carbon Check (India) Private Limited

Certificate of Competency

Mr. Vikash Kumar Singh

has been qualified as per CCIPL's internal qualification procedures in accordance with the requirements of CDM AS (V7.0), ISO/IEC 14065:2020, ISO/IEC 17029:2019 and other applicable GHG programs:

for the following functions and requirements:

☒ Validator	☒ Verifier	☒ Team Leader	☒ Technical Expert
☒ Technical Reviewer	☐ Health Expert	☐ Gender Expert	☐ Plastic Waste Expert
☒ SDG+	☒ Social no-harm(S+)	☒ Environment no-harm(E+)	
☒ Local Expert for India, South Africa, and Spanish speaking countries			

in the following Technical Areas:

☒ TA 1.1	☒ TA 1.2	☐ TA 2.1	☒ TA 3.1	☒ TA 4.1
☒ TA 4. n	☐ TA 5.1	☐ TA 5.2	☒ TA 7.1	☐ TA 8.1
☐ TA 9.1	☐ TA 9.2	☐ TA 10.1	☒ TA 13.1	☒ TA 13.2
☒ TA 14.1	☒ TA 15.1			

Issue Date

1st December 2022

Expiry Date

30th November 2023



Mr. Amit Anand
CEO

CCIPL_FM 7.9 Certificate of Competency_V2.0_112022



Carbon Check (India) Private Limited

Certificate of Competency

Ms. Aparna Choudhary

has been qualified as per CCIPL's internal qualification procedures in accordance with the requirements of CDM AS (V7.0), ISO/IEC 14065:2020, ISO/IEC 17029:2019 and other applicable GHG programs:

for the following functions and requirements:

- | | | | |
|--|--|---|--|
| ☒ Validator | ☒ Verifier | ☒ Team Leader | ☒ Technical Expert |
| ☐ Technical Reviewer | ☐ Health Expert | ☐ Gender Expert | ☐ Plastic Waste Expert |
| ☒ SDG+ | ☒ Social no-harm(S+) | ☒ Environment no-harm(E+) | |
| ☒ Local Expert for India | | | |

in the following Technical Areas:

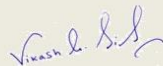
- | | | | | |
|----------------------------------|--|----------------------------------|--|----------------------------------|
| ☐ TA 1.1 | ☒ TA 1.2 | ☐ TA 2.1 | ☒ TA 3.1 | ☐ TA 4.1 |
| ☐ TA 4. n | ☐ TA 5.1 | ☐ TA 5.2 | ☐ TA 7.1 | ☐ TA 8.1 |
| ☐ TA 9.1 | ☐ TA 9.2 | ☐ TA 10.1 | ☐ TA 13.1 | ☐ TA 13.2 |
| ☐ TA 14.1 | ☐ TA 15.1 | | | |

Issue Date

1st December 2022

Expiry Date

30th November 2023



Mr. Vikash Kumar Singh
Compliance Officer



Mr. Amit Anand
CEO



Carbon Check (India) Private Limited

Certificate of Competency

Ms. Indumathi C

has been qualified as per CCIPL's internal qualification procedures in accordance with the requirements of CDM AS (V7.0), ISO/IEC 14065:2020, ISO/IEC 17029:2019 and other applicable GHG programs:

for the following functions and requirements:

- | | | | |
|--|--|---|--|
| ☒ Validator | ☒ Verifier | ☒ Team Leader | ☒ Technical Expert |
| ☒ Technical Reviewer | ☐ Health Expert | ☐ Gender Expert | ☐ Plastic Waste Expert |
| ☒ SDG+ | ☒ Social no-harm(S+) | ☒ Environment no-harm(E+) | |
| ☒ Local Expert for India and Sri Lanka | | | |

in the following Technical Areas:

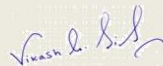
- | | | | | |
|--|--|----------------------------------|---|---|
| ☒ TA 1.1 | ☒ TA 1.2 | ☐ TA 2.1 | ☒ TA 3.1 | ☐ TA 4.1 |
| ☐ TA 4. n | ☐ TA 5.1 | ☐ TA 5.2 | ☐ TA 7.1 | ☐ TA 8.1 |
| ☐ TA 9.1 | ☐ TA 9.2 | ☐ TA 10.1 | ☒ TA 13.1 | ☒ TA 13.2 |
| ☐ TA 14.1 | ☐ TA 15.1 | | | |

Issue Date

1st December 2022

Expiry Date

30th November 2023



Mr. Vikash Kumar Singh
Compliance Officer



Mr. Amit Anand
CEO

APPENDIX 04: FINDING LOGS

Table 1. CLs from this verification

Finding	CL 01		
Classification	☐ CAR	☒ CL	☐ FAR
Description of finding (VVB)	In line with the filling guideline of the VCS MR template version 4.1, PP is requested to completely fill the table provided under section 1.4 of the MR		
Corrective Action or clarification #1 (PP shall write a detailed and clear corrective action or further information for clarification as per finding)	The role in the project of Vitol (China) Energy Co Ltd has been filled in the table of section 1.4 of the revised Monitoring report, version 02		
VVB Assessment #1 The assessment shall encompass all open issues in the finding. In case of non-closure, additional corrective action and VVB assessments (#2, #3, etc.) shall be added.	On the basis of review of the updated MR it is clear that PP has filled the complete information under the table present in section 1.4 of the MR.		
Conclusion Tick the appropriate checkbox	☐ To be checked during the next periodic verification ☐ Outstanding finding (not closed) ☒ The finding is closed		

Finding	CL 02		
Classification	☐ CAR	☒ CL	☐ FAR
Description of finding (VVB)	In accordance with the requirement of § 3.8 of VCS standard, version 04.3, The project crediting period is the time period for which GHG emission reductions or removals generated by the project are eligible for issuance as VCU. Project crediting periods shall be renewed periodically in order to ensure that changes to a project's baseline scenario and regulatory surplus are taken into consideration throughout the lifetime of the project. PP is requested to clarify the inconsistency in the crediting period mentioned in section 1.6 of the MR in comparing with the latest PD.		

Finding	CL 02
Corrective Action or clarification #1 <i>(PP shall write a detailed and clear corrective action or further information for clarification as per finding)</i>	The crediting period of the project is from 10/11/2021 to 09/11/2031. The first monitoring period of the project is 10/11/2021 to 31/03/2022. This description has been updated in the revised MR, version 02
VVB Assessment #1 <i>The assessment shall encompass all open issues in the finding. In case of non-closure, additional corrective action and VVB assessments (#2, #3, etc.) shall be added.</i>	On the basis of review of the updated MR it is clear that the first crediting period is from 10/11/2021 to 09/11/2031, while the duration of first monitoring period is from 10/11/2021 to 31/03/2022, and the same has been provided in the updated MR.
Conclusion <i>Tick the appropriate checkbox</i>	☐ To be checked during the next periodic verification ☐ Outstanding finding (not closed) ☒ The finding is closed

Finding	CL 03
Classification	☐ CAR ☒ CL ☐ FAR
Description of finding (VVB)	In line with the section 3.17.18 of the VCS standard version 4.3, PP is requested to provide the details of the ongoing grievance mechanism for the current monitoring period of the grouped project.
Corrective Action or clarification #1 <i>(PP shall write a detailed and clear corrective action or further information for clarification as per finding)</i>	The details of ongoing grievance mechanism for the current monitoring period of the grouped project have been updated in section 2.2 of updated MR, Version 02.
VVB Assessment #1 <i>The assessment shall encompass all open issues in the finding. In case of non-closure, additional corrective action and VVB assessments (#2, #3, etc.) shall be added.</i>	Verification team confirms that the complete information regarding the grievance mechanism has been provided in the section 2.2 of the updated MR version 02.
Conclusion <i>Tick the appropriate checkbox</i>	☐ To be checked during the next periodic verification ☐ Outstanding finding (not closed) ☒ The finding is closed

Finding	CL 04		
Classification	☐ CAR	☒ CL	☐ FAR
Description of finding (VVB)	In line with the section 3.5.15 of VCS standard version 4.3 the eligibility criteria 4 is “Are subject to the baseline scenario determined in the project description for the specified project activity and geographic area.”. However, under section 3.3 of the MR the justification by PP for the above statement is not clear as the reference to the sections provided in the justification is not clear to the VVB. PP is requested to clarify the justification.		
Corrective Action or clarification #1 (PP shall write a detailed and clear corrective action or further information for clarification as per finding)	The information about “how the new project activity instances to comply” the eligibility criteria has been updated clearly in section 3.3 of revised MR, version 02		
VVB Assessment #1 <i>The assessment shall encompass all open issues in the finding. In case of non-closure, additional corrective action and VVB assessments (#2, #3, etc.) shall be added.</i>	PP has revised the section 3.3 of the updated MR to provide the complete information about the eligibility of the point “Are subject to the baseline scenario determined in the project description for the specified project activity and geographic area” , Thus the finding is closed.		
Conclusion <i>Tick the appropriate checkbox</i>	☐ To be checked during the next periodic verification ☐ Outstanding finding (not closed) ☒ The finding is closed		

Finding	CL 05		
Classification	☐ CAR	☒ CL	☐ FAR

Finding	CL 05
Description of finding (VVB)	<i>In line with the section 3.15.1 of the VCS standard version 4.3</i> <i>“Data and parameters used for the quantification of GHG emission reductions and/or removals shall be provided in accordance with the methodology.</i> <i>Under section 4.2 of the MR, parameter P_y the formula used for calculation is not correct as per the applied methodology. Moreover, the source of data is not mentioned consistent with the PD.</i> <i>Under section 4.2 for the parameter QPW_y, the source of data is mentioned as recorded in the methodology while in the MR it is calculated. PP is requested to provide an appropriate justification for in compliance with the methodology.</i> <i>PP is requested to clarify the above discrepancies.</i>
Corrective Action or clarification #1 <i>(PP shall write a detailed and clear corrective action or further information for clarification as per finding)</i>	- The applied methodology does not clearly show the formula for calculating P_y so in table P_y of section 5.2 of latest PD, row “calculation method” show that P_y is “Calculated by the quality of water purifiers are distributed x the average of number of person in a household”. The MR calculated as per latest PD. The source of data has been revised to survey records for consistent with latest PD - Equation 3 of applied methodology show that $QPW_y = P_y \times \min(QPW_{pp}; 5.5) \times 365$ So the source of data for this parameter is calculated. The survey record is source of parameter QPW_{pp} in above equation.
VVB Assessment #1 <i>The assessment shall encompass all open issues in the finding. In case of non-closure, additional corrective action and VVB assessments (#2, #3, etc.) shall be added.</i>	On the basis of review of the latest PD and the explanation provided by the PP, it is clear to the verification team that the formula used in the MR for the calculated of P_y is appropriate and the source of data for the value of parameter QPW_{pp} is survey records and the same is in compliance with the latest PD. Thus, the finding is closed.
Conclusion <i>Tick the appropriate checkbox</i>	☐ To be checked during the next periodic verification ☐ Outstanding finding (not closed) ☒ The finding is closed

Table 2. CARs from this verification

Finding	CAR 01
Classification	☒ CAR ☐ CL ☐ FAR
Description of finding (VVB)	PP is requested to mention the version number of the tool 01 used under section 3.3. of the MR. Also, under point 7 of the section 3.3, PP is requested to describe the term instance of mentioned for justification.
Corrective Action or clarification #1 (PP shall write a detailed and clear corrective action or further information for clarification as per finding)	Version 07.0 of Tool 01 has been updated in section 3.3 of updated MR, version 02. Point 7 of the section 3.3 of the revised MR has been revised spelling mistakes.
VVB Assessment #1 The assessment shall encompass all open issues in the finding. In case of non-closure, additional corrective action and VVB assessments (#2, #3, etc.) shall be added.	The version number of the tool used under section 3.3 of the MR is updated by the PP and the required correction has been made. Hence the finding has been closed.
Conclusion Tick the appropriate checkbox	☐ To be checked during the next periodic verification ☐ Outstanding finding (not closed) ☒ The finding is closed

Finding	CAR 02
Classification	☒ CAR ☐ CL ☐ FAR
Description of finding (VVB)	PP is requested to mention the complete duration of the year in the table under section 5.4
Corrective Action or clarification #1 (PP shall write a detailed and clear corrective action or further information for clarification as per finding)	The duration of the year from 10/11/2021 to 31/03/2022 has been added in the updated MR, version 02.
VVB Assessment #1 The assessment shall encompass all open issues in the finding. In case of non-closure, additional corrective action and VVB assessments (#2, #3, etc.) shall be added.	The complete time duration for the current monitoring period has been mentioned by the PP under section 5.4 of the MR. Hence the finding is closed.
Conclusion Tick the appropriate checkbox	☐ To be checked during the next periodic verification ☐ Outstanding finding (not closed) ☒ The finding is closed