



Industrie Service

Choose certainty.
Add value.

Validation Report

AgCert International PLC

VALIDATION OF THE CDM-PROJECT:
AWMS METHANE RECOVERY PROJECT
BR06- S -22, MINAS GERAIS, BRAZIL

REPORT NO. 842815

2007-11-23

TÜV SÜD Industrie Service GmbH
Carbon Management Service
Westendstr. 199 - 80686 Munich – GERMANY

Report No.	Date of first issue	Revision No.	Date of this revision	Certificate No.
842815	April 05, 2007	2	2007-11-23	-

Subject: Validation of a CDM Project			
Accredited TÜV SÜD Unit: TÜV SÜD Industrie Service GmbH Certification Body "climate and energy" Westendstr. 199 - 80686 Munich FEDERAL REPUBLIC OF GERMANY		TÜV SÜD Contract Partner: TÜV SÜD Industrie Service GMBH Carbon Management Service Westendstrasse 199 – 80686 Munich Federal Republic of Germany	
Client: AgCert International PLC Apex Building, Blackthorn Road, Sanyford Business Park Dublin 18, IRELAND		Project Site(s): Fazenda das Laranjeiras (21972), Fazenda Nossa Senhora do Carmo (26642), Fazenda São Paulo II (21802), Granja do Barreirinho (21982), Brazil	
Project Title: AWMS Methane Recovery Project BR06-S-22, Minas Gerais, Brazil.			
Applied Methodology / Version: AMS III.D version 11		Scope(s): 10, 13	
First PDD Version: Date of issuance: 2006-06-01 Version No.: 1 Starting Date of GSP 2006-06-13		Final PDD version: Date of issuance: 2007-11-14 Version No.: 4	
Estimated Annual Emission Reduction:		17,273 tons CO _{2e}	
Assessment Team Leader: Markus Knödseder		Further Assessment Team Members: Johann Thaler	
Summary of the Validation Opinion: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> The review of the project design documentation and the subsequent follow-up interviews have provided TÜV SÜD with sufficient evidence to determine the fulfilment of all stated criteria. In our opinion, the project meets all relevant UNFCCC requirements for the CDM. Hence TÜV SÜD will recommend the project for registration by the CDM Executive Board in case letters of approval of all Parties involved will be available before the expiring date of the applied methodology(ies) or the applied methodology version respectively. <input type="checkbox"/> The review of the project design documentation and the subsequent follow-up interviews have not provided TÜV SÜD with sufficient evidence to determine the fulfilment of all stated criteria. Hence TÜV SÜD will not recommend the project for registration by the CDM Executive Board and will inform the project participants and the CDM Executive Board on this decision. 			

Abbreviations

ACM	Approved Consolidated Methodology
AM	Approved Methodology
AWMS	Animal Waste Management System
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CER	Certified Emission Reduction
CR	Clarification Request
DNA	Designated National Authority
DOE	Designated Operational Entity
EB	Executive Board
EIA / EA	Environmental Impact Assessment / Environmental Assessment
ER	Emission reduction
GHG	Greenhouse gas(es)
KP	Kyoto Protocol
MP	Monitoring Plan
NGO	Non Governmental Organisation
PDD	Project Design Document
PP	Project Participant
TÜV SÜD	TÜV SÜD Industrie Service GmbH
UNFCCC	United Nations Framework Convention on Climate Change
VVM	Validation and Verification Manual

Table of Contents	Page
1 INTRODUCTION	4
1.1 Objective	4
1.2 Scope	4
2 METHODOLOGY	5
2.1 Appointment of the Assessment Team	7
2.2 Review of Documents	7
2.3 Follow-up Interviews	7
2.4 Resolution of Clarification and Corrective Action Requests	9
2.5 Internal Quality Control	9
3 SUMMARY OF FINDINGS	10
4 COMMENTS BY PARTIES, STAKEHOLDERS AND NGOS	11
5 VALIDATION OPINION	12

Annex 1: Validation Protocol

Annex 2: Information Reference List

1 INTRODUCTION

1.1 Objective

The validation objective is an independent assessment by a Third Party (Designated Operational Entity = DOE) of a proposed project activity against all defined criteria set for the registration under the Clean Development Mechanism (CDM). Validation is part of the CDM project cycle and will finally result in a conclusion by the executing DOE whether a project activity is valid and should be submitted for registration to the CDM-EB. The ultimate decision on the registration of a proposed project activity rests at the CDM Executive Board and the Parties involved.

The project activity discussed by this validation report has been submitted under the project title:
AWMS Methane Recovery Project BR06-S–22, Minas Gerais, Brazil

1.2 Scope

The scope of any assessment is defined by the underlying legislation, regulation and guidance given by relevant entities or authorities. In the case of CDM project activities the scope is set by:

- The Kyoto Protocol, in particular § 12
- Decision 2/CMP1 and Decision 3/CMP.1 (Marrakech Accords)
- Further COP/MOP decisions with reference to the CDM (e.g. decisions 4 – 8/CMP.1)
- Decisions by the EB published under <http://cdm.unfccc.int>
- Specific guidance by the EB published under <http://cdm.unfccc.int>
- Guidelines for Completing the Project Design Document (CDM-PDD), and the Proposed New Baseline and Monitoring Methodology (CDM-NM)
- The applied approved methodology
- The technical environment of the project (technical scope)
- Internal and national standards on monitoring and QA/QC
- Technical guideline and information on best practice

The validation is not meant to provide any consulting towards the client. However, stated requests for clarifications and/or corrective actions may provide input for improvement of the project design.

Once TÜV SÜD receives a first PDD version, it is made publicly available on the internet at TÜV SÜD's webpage as well as on the UNFCCC CDM-webpages for starting a 30 day global stakeholder consultation process (GSP). In case of any request a PDD might be revised (under certain conditions the GSP will be repeated) and the final PDD will form the basis for the final evaluation as presented by this report. Information on the first and on the final PDD version is presented at page 1.

The only purpose of a validation is its use during the registration process as part of the CDM project cycle. Hence, TÜV SÜD can not be held liable by any party for decisions made or not made based on the validation opinion, which will go beyond that purpose.

2 METHODOLOGY

The project assessment aims at being a risk based approach and is based on the methodology developed in the Validation and Verification Manual, an initiative of Designated and Applicant Entities, which aims to harmonize the approach and quality of all such assessments.

In order to ensure transparency, a validation protocol was customised for the project. TÜV SÜD developed a “cook-book” for methodology-specific checklists and protocol based on the templates presented by the Validation and Verification Manual. The protocol shows, in a transparent manner, criteria (requirements), the discussion of each criterion by the assessment team and the results from validating the identified criteria. The validation protocol serves the following purposes:

- It organises, details and clarifies the requirements a CDM project is expected to meet;
- It ensures a transparent validation process where the validator will document how a particular requirement has been validated and the result of the validation.

The validation protocol consists of three tables. The different columns in these tables are described in the figure below.

The completed validation protocol is enclosed in Annex 1 to this report.

Validation Protocol Table 1: Conformity of Project Activity and PDD				
Checklist Topic / Question	Reference	Comments	PDD in GSP	Final PDD
<i>The checklist is organised in sections following the arrangement of the applied PDD version. Each section is then further subdivided. The lowest level constitutes a checklist question / criterion.</i>	<i>Gives reference to documents where the answer to the checklist question or item is found in case the comment refers to documents other than the PDD.</i>	<i>The section is used to elaborate and discuss the checklist question and/or the conformance to the question. It is further used to explain the conclusions reached. In some cases sub-checklist are applied indicating yes/no decisions on the compliance with the stated criterion. Any Request has to be substantiated within this column</i>	<i>Conclusions are presented based on the assessment of the first PDD version. This is either acceptable based on evidence provided (✓), or a Corrective Action Request (CAR) due to non-compliance with the checklist question (See below). Clarification Request (CR) is used when the validation team has identified a need for further clarification.</i>	<i>Conclusions are presented in the same manner based on the assessment of the final PDD version.</i>

Together with the new CDM-SCC-PDD format TÜV SÜD changed its validation report format as well. As for this specific project the final PDD was applying a different version of the CDM-SSC-PDD format than the first one, the validation protocol includes a table 2a (considering the old PDD format) and table 2b (considering the new PDD format). The last column of table 2a DNA Conclusion is the conclusion given by TÜV SÜD before obtaining the LoA and due to the change of the layout it is mention as conclusion valid for the DNA analysis.

Validation Protocol Table 2: Resolution of Corrective Action and Clarification Requests			
Clarifications and corrective action requests	Ref. to table 1	Summary of project owner response	Validation team conclusion
<i>If the conclusions from table 1 are either a Corrective Action Request or a Clarification Request, these should be listed in this section.</i>	<i>Reference to the checklist question number in Table 1 where the Corrective Action Request or Clarification Request is explained.</i>	<i>The responses given by the client or other project participants during the communications with the validation team should be summarised in this section.</i>	<i>This section should summarise the validation team's responses and final conclusions. The conclusions should also be included in Table 1, under "Final PDD".</i>

In case of a denial of the project activity more detailed information on this decision will be presented in table 3.

Validation Protocol Table 3: Unresolved Corrective Action and Clarification Requests		
Clarifications and corrective action requests	Id. of CAR/CR 1	Explanation of the Conclusion for Denial
<i>If the final conclusions from table 2 results in a denial the referenced request should be listed in this section.</i>	<i>Identifier of the Request.</i>	<i>This section should present a detail explanation, why the project is finally considered not to be in compliance with a criterion.</i>

2.1 Appointment of the Assessment Team

According to the technical scopes and experiences in the sectoral or national business environment TÜV SÜD has composed a project team in accordance with the appointment rules of the TÜV SÜD certification body "climate and energy". The composition of an assessment team has to be approved by the Certification Body ensuring that the required skills are covered by the team. The Certification Body TÜV SÜD operates four qualification levels for team members that are assigned by formal appointment rules:

- Assessment Team Leader (ATL)
- Greenhouse Gas Auditor (GHG-A)
- Greenhouse Gas Auditor Trainee (T)
- Experts (E)

It is required that the sectoral scope linked to the methodology has to be covered by the assessment team.

The validation team was consisting of the following experts (the responsible Assessment Team Leader is written in bold letters):

Name	Qualification	Coverage of technical scope	Coverage of sectoral expertise	Host country experience
Markus Knödlseeder	ATL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Johann Thaler	GHG-A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Markus Knödlseeder is an auditor for climate change projects and GHG emission inventories at the department "Carbon Management Service" in the head office of TÜV Industrie Service GmbH, TÜV Süd Group in Munich. He has been involved in the topic of environmental auditing, baselining, monitoring and verification due to the requirements of the Kyoto Protocol since Oct. 2001. His main focus lies on renewable energies.

Johann Thaler graduated as Master of environmental Economy at the University of Augsburg. During his study he got first experiences in environmental management systems. His master thesis was about a fuel switch program in Brazil as a CDM project. Based in Brazil he has been working for TÜV SÜD as a GHG auditor on freelance basis since March 2005.

2.2 Review of Documents

The first PDD version submitted by the client and additional background documents related to the project design and baseline were reviewed as initial step of the validation process. A complete list of all documents and proofs reviewed is attached as annex 2 to this report.

2.3 Follow-up Interviews

An initial onsite visit at the central office of Agcert do Brazil has been performed in June 2006, in order to check the principle project and data management (see Annex 2). In the period of July 06, 2006 to July 13, 2006 TÜV SÜD performed interviews on-site with project stakeholders to confirm selected information and to resolve issues identified in the first document review.

The table below provides a list of all persons interviewed in the context of this on-site visit.



Organisation	Interviewed Person and function
Granja do Barreirinho	Henrique Franco Franca (manager)
Fazenda São Paulo II	Gilmar da Silva Rodrigues, Fernando Jose Ribeiro (managers)
Fazenda das Laranjeiras	Manoel Lisardo Gomes/ Eliana Lisardo Piuzana (owner/manager)

2.4 Resolution of Clarification and Corrective Action Requests

The objective of this phase of the validation is to resolve the requests for corrective actions and clarifications and any other outstanding issues which needed to be clarified for TÜV SÜD's positive conclusion on the project design. The Corrective Action Requests and Clarification Requests raised by TÜV SÜD were resolved during communication between the client and TÜV SÜD. To guarantee the transparency of the validation process, the concerns raised and responses that have been given are summarised in chapter 3 below and documented in more detail in the validation protocol in annex 1.

2.5 Internal Quality Control

As final step of a validation the validation report and the protocol have to undergo an internal quality control procedure by the Certification Body "climate and energy", i.e. each report has to be approved either by the head of the certification body or his deputy. In case one of these two persons is part of the assessment team approval can only be given by the other one.

It rests at the decision of TÜV SÜD's Certification Body whether a project will be submitted for requesting registration by the EB or not.

3 SUMMARY OF FINDINGS

The following description of the project as per PDD could be verified during the on-site audit:

The purpose of this project is to mitigate and recover animal effluent related GHG by improving AWMS practices.

This project proposes to apply the Methane Recovery methodology identified in Section III.D, of the Indicative Simplified Baseline and Monitoring Methodologies for Small-Scale CDM Project Activity Categories. The proposed project activities will mitigate and recover AWMS GHG emissions in an economically sustainable manner, and will result in other environmental benefits, such as improved water quality and reduced odour. In simple terms, the project proposes to move from a high-GHG AWMS practice, an open air lagoon, to a lower-GHG AWMS practice, an ambient temperature anaerobic digester with capture and combustion of resulting biogas.

As mentioned above the CDM-SCC-PDD format has changed forcing the validation team to adopt its validation report from accordingly. As informed above all findings are addressed in detail in table 2a and 2b of the attached validation protocol. The PP did not change the date of the PDD even that the format of the PDD was change but the information included in the PDD is the same as before and therefore the PP decided to keep the date which is acceptable taking in account the changes are only in form and not in context.

Summarizing those findings briefly, the validation team identified that:

- The number of submitted population and the farm growth rate were not considered correctly,
- The location of sub-projects and project boundary were not transparent in the first PDD,
- The technical layout of the project were not clear at the beginning in order to access the total amount of potential emission reduction,
- During the validation the validity of applied methodology had changed, so the participants were requested to follow those changes as well,
- Further finding were addressed how Agcert will ensure reliable monitoring by using appropriate equipment and qualified employees.

The required documents and information have been submitted to the DOE and have been considered also in the final version of the PDD.

Hence, the project complies with the requirements.

4 COMMENTS BY PARTIES, STAKEHOLDERS AND NGOS

TÜV SÜD published the project documents on UNFCCC website by installing a link to TÜV SÜD's own website and invited comments by Parties, stakeholders and non-governmental organisations during a period of 30 days.

The following table presents all key information on this process:

webpage: http://www.netinform.de/KE/Wegweiser/Guide2_1.aspx?ID=1808&Ebene1_ID=26&Ebene2_ID=520&mode=1	
Starting date of the global stakeholder consultation process: June 13, 2006 until July 12, 2006	
Comment submitted by: none	Issues raised: -
Response by TÜV SÜD: -	

The GSP has not been repeated since the content of the PDD and the project layout have not changed.

5 VALIDATION OPINION

TÜV SÜD has performed a validation of the following proposed CDM project activity:

AWMS Methane Recovery Project BR06-S-22, Minas Gerais, Brazil.

The review of the project design documentation and the subsequent follow-up interviews have provided TÜV SÜD with sufficient evidence to determine the fulfilment of stated criteria. In our opinion, the project meets all relevant UNFCCC requirements for the CDM. Hence TÜV SÜD will recommend the project for registration by the CDM Executive Board.

An analysis as provided by the applied methodology demonstrates that the proposed project activity is not a likely baseline scenario. Emission reductions attributable to the project are hence additional to any that would occur in the absence of the project activity. Given that the project is implemented as designed, the project is likely to achieve the estimated amount of emission reductions as specified within the final PDD version.

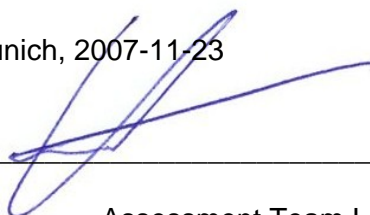
The validation is based on the information made available to us and the engagement conditions detailed in this report. The validation has been performed using a risk based approach as described above. The only purpose of this report is its use during the registration process as part of the CDM project cycle. Hence, TÜV SÜD can not be held liable by any party for decisions made or not made based on the validation opinion, which will go beyond that purpose.

Munich, 2007-11-23



Certification Body "climate and energy"
TÜV SÜD Industrie Service GmbH

Munich, 2007-11-23



Assessment Team Leader



Annex 1: Validation Protocol

Table 1 Project's Environment

REQUIREMENT	REFERENCE	Comment	CONCLUSION
1. The host country shall be a Party to the Kyoto Protocol	Marrakech Accords, CDM Modalities §30	Brazil has ratified the Kyoto Protocol on August 23, 2002.	<input checked="" type="checkbox"/>
2. Parties participating in the CDM shall designate a national authority for the CDM	Marrakech Accords, CDM Modalities §29	Brazil as participating party has designated a national authority.	<input checked="" type="checkbox"/>
3. The project shall assist non-Annex I Parties in achieving sustainable development and shall have obtained confirmation by the host country thereof.	Kyoto Protocol Art. 12.2, Marrakech Accords, CDM Modalities §40a	The project will assist Brazil in achieving a sustainable development. The issuance of the LoA will demonstrate that.	<input checked="" type="checkbox"/>
4. The project shall have the written approval of voluntary participation from the designated national authorities of each party involved.	Kyoto Protocol Art. 12.5a, Marrakech Accords, CDM Modalities §40a	The confirmation by the host country has not been submitted to the validation team and the certification body "Climate and Energy".	<input checked="" type="checkbox"/> <i>Before submitting the project for registration the project owner has to provide an eligible Letter of Approval from in-</i>

REQUIREMENT	REFERENCE	Comment	CONCLUSION
			<i>involved Parties.</i>
5. The project shall assist Parties included in Annex I in achieving compliance with part of their emission reduction commitment under Art. 3. A letter of approval for participants originating from Annex-I-Countries should be available.	Kyoto Protocol Art.12.2	As the given project is a unilateral project, this issue is not relevant.	<input checked="" type="checkbox"/>
6. Parties, stakeholders and UNFCCC accredited NGOs shall have been invited to comment on the validation requirements for minimum 30 days, and the project design document and comments have been made publicly available	Marrakech Accords, CDM Modalities, §40	The global stakeholder process has taken place from June 13, 2006 until July 12, 2006. There have been no comments received.	<input checked="" type="checkbox"/>
7. The project design document shall be in conformance with the UNFCCC CDM-PDD format	Marrakech Accords, CDM Modalities, Appendix B, EB Decisions	The PDD is in conformance with the UNFCCC CDM-PDD format.	<input checked="" type="checkbox"/>
8. The project participants shall submit a letter on the modalities of communication (MoC) before submitting a request for registration	EB-09 F_CDM_REG form	The letter on MoC will be submitted before submitting a request for registration.	<input checked="" type="checkbox"/> <i>Before submitting the project for registration the project owner has to provide an eligible Letter of Approval from in-</i>

REQUIREMENT	REFERENCE	Comment	CONCLUSION
			<i>involved Parties.</i>

Table 2a Conformity of Project activity and PDD (CDM-SSC-PDD version 3 – old PDD format)

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
A. General Description of Project Activity					
A.1. Project Title					
A.1.1. Does the used project title clearly enable to identify the unique CDM activity?	2,3,4	DR,I	The project title is clearly enough to identify the unique CDM activity.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.1.2. Are there an indication of a revision number and the date of the revision?	3,4	DR	Yes, there is an indication of a revision number and the date of the revision.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.1.3. Is this in consistency with the time line of the project's history?	1,2,3,4	DR,I	Yes, it is consistent.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2. Description of the project activity					
A.2.1. Is the description delivering a transparent overview of the project activities?	2,3,4	DR,I	The description is delivering a transparent overview of the project activities.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2.2. Is all information provided in compliance with actual situation or planning?	2,3,4	DR,I	All information is provided in compliance with actual situation or planning.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2.3. Are proofs available evidencing all information with relevance for the validity, for the determination of baseline and project emissions and for emission projections?	2,3,4	DR,I	The description of the project activity does not mention anything about project emissions which are calculated further on in the PDD.	CAR 1	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			<u>Corrective Action Request 1:</u> It should be added in the description of the project activity that project emissions occur and a short description of what are such project emissions.		
A.2.4. Is all information provided in consistency with details provided by further chapters of the PDD?	3,4	DR	See A.2.3.	See CAR 1	<input checked="" type="checkbox"/>
A.3. Project Participants					
A.3.1. Is the form required for the indication of project participants correctly applied?	3,4	DR	The form for the indication of project participants is correctly applied.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.3.2. Is the voluntary participation of all listed entities or Parties confirmed by each of them?	1,2,3,4	DR, I	The signed contracts between AgCert and the farmers is the confirmation of the voluntary participation.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.3.3. Is all information provided in consistency with details provided by further chapters of the PDD (in particular annex 1)?	3,4	DR	Yes. All provided information is in consistency.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4. Technical description of the project activity					
A.4.1. Does the information provided on the location of the project activity allow for a clear	2,3,4	DR, I	The physical locations of the sites involved in the project activity are correct.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
identification of the site(s)?					
A.4.2. Do the project participants possess ownership or licenses which will allow the implementation of the project at that site / those sites?	1,2, 3,4, 5	DR, I	Yes. The project participant has concluded contracts with the sites allowing him the implementation of the project at the sites.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.3. Is the category(ies) of the project activity correctly identified?	3,4	DR	The category is correctly identified.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.4. Does the project design engineering reflect current good practices?	3,4	DR	Yes, the project design does reflect current good practice. The design has been professionally developed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.5. Does the description of the technology to be applied provide sufficient and transparent input to evaluate its impact on the greenhouse gas balance?	2,3, 4,8, 11, 12, 13, 21, 22	DR, I	<u>Clarification Request 1:</u> The description of the technology to be applied provides a sufficient and transparent input to evaluate its impact on the greenhouse gas balance. However, it is not clear to the validation team whether the farms use an enclosed flare as it is described in the PDD. The validation team asks for a technical description including a technical drawing of the flare, where it is mentioned that farms are equipped with an enclosed flare and not	CR 1	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			an open flare, and for an manufacturer evidence about the estimated efficiency.		
A.4.6. Is the brief explanation how the project will reduce greenhouse gas emission transparent and suitable?	3,4	DR	Yes, the brief explanation how the project will reduce greenhouse gas emission is transparent and suitable.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.7. Is all information provided in compliance with actual situation or planning as available by the project participants?	2,3,4	DR, I	Yes. All information is provided in compliance with actual situation or planning as available by the project participants.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.8. Does the project use state of the art technology or would the technology result in a significantly better performance than any commonly used technologies in the host country?	1,2,3,4,8,11, 12,13,21,22	DR, I	Yes, the project does apply state of the art equipment. <u>Clarification Request 2:</u> The number of biodigester modules and its size should be mentioned in the PDD. See also requested information of CR 1.	CR 2 See CR 1	<input checked="" type="checkbox"/>
A.4.9. Is the project technology likely to be substituted by other or more efficient technologies within the project period?	1,2,3,4,8,11, 12,13,	DR, I	No. The project equipment can be expected to run for the whole project period and it can not be expected that it will be replaced by more efficient technologies, but additional components could be added using biogas to gener-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
	21, 22		ate heat and produce electricity		
A.4.10. Does the project require extensive initial training and maintenance efforts in order to work as presumed during the project period?	1,2, 3,4, 10	DR,I	<p>Yes, initial training and maintenance efforts are required. During the visit at the project sites the project developer and the farm owners confirmed that such training has taken place and/or is envisaged.</p> <p><u>Clarification Request 3:</u></p> <p>The documentation (signed participation list and/or date of the scheduled trainings) of all farms should be submitted to the validation team or to the TUV Support Documentation Panel.</p>	CR 3	<input checked="" type="checkbox"/>
A.4.11. Does the project make provisions for meeting training and maintenance needs?	1,2, 3,4, 10, 14	DR,I	See A.4.10.	See CR 3	<input checked="" type="checkbox"/>
A.4.12. Is a schedule available on the implementation of the project and are there any risks for delays?	1,2, 3,4, 5	DR,I	<p>There is a schedule available for the most farm sites of the project.</p> <p><u>Clarification Request 4:</u></p> <p>The site "Fazenda Sao Paulo II" was not</p>	CR 4	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			informed yet by AgCert when the construction of the biodigester will begin. AgCert should inform the validation team when the construction will begin and if it will be finished before the starting date of the crediting period.		
A.4.13. Is the form required for the indication of projected emission reductions correctly applied?	3,4	DR	The form required for the indication of projected emission reductions is correctly applied.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.5. Public Funding					
A.5.1. Is all information on public funding provided in compliance with actual situation or planning as available by the project participants?	1,2,3,4	DR,I	No public funding is involved in the project.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.5.2. Is all information provided in consistency with details provided by further chapters of the PDD (in particular annex 2)?	3,4	DR	Yes. All information is consistent.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.6. Bundling/Debundling					
A.6.1. Is there all information provided which shows that the project activity is not a debundled component of a larger project activity?	3,4	DR	It is all information provided showing that the project activity is not a debundled component of a larger project activity.	CR 5	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			<u>Clarification Request 5:</u> However, AgCert should explain in general to the validation team how it is guaranteed that debundling is not taking place over the time. AgCert should inform the validation team what monitoring measures are fulfilled to guarantee that no debundling from SSC projects to SSC projects occurs.		
B. Baseline Methodology					
B.1. Choice and Applicability					
B.1.1. Is the baseline methodology previously approved by the CDM Methodology Panel?	3,4, 29	DR	The baseline methodology III.D Methane Recovery/Version 9 for Small Scale Project Activities has been approved by the CDM Methodology Panel on May 12, 2006. <u>Corrective Action Request 2:</u> The project developer shall add the Version number to the title of the approved baseline methodology, in order to create a clear reference.	CAR 2	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			Recommendation: Agcert shall switch to new approved methodology version 11, since the Brazilian DNA processs will take longer than the version 09 is valid.		
B.1.2. Is the choice of the methodology correctly justified by the PDD?	3,4,29	DR	The choice of the methodology is correctly justified by the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.1.3. Is the baseline methodology the one deemed most applicable for this project?	2,3,4,29	DR,I	The baseline methodology is the most applicable for this project. The project consists of a small-scale project, therefore and under consideration of all other aspects the chosen baseline methodology III.D. Methane Recovery is the most applicable for this project.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.1.4. Is the project in conformance with all applicability criteria of the applied methodology?	2,3,4,29	DR,I	The project is in conformance with all applicability criteria of the applied methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.2. Application of the Baseline Methodology / Identification of the Baseline Scenario					
B.2.1. Is the application of the methodology and the discussion and determination of the chosen baseline transparent?	2,3,4,29	DR,I	Yes. The application of the methodology is transparent.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
B.2.2. Does the application consider all potential baseline scenarios in the discussion?	3,4, 29	DR	Yes. The application considers all potential baseline scenarios in the discussion.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.2.3. Is conservativeness addressed in the way of identifying the baseline?	3,4	DR	Conservativeness is addressed in all issues in the way of identifying the baseline.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.2.4. Has the baseline been established on a project-specific basis?	1,2, 3,4	DR	The baseline has been established on a project-specific basis.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.2.5. Does the baseline scenario sufficiently take into account relevant national and/or sectoral policies, macro-economic trends and political aspirations?	1,2, 3,4	DR, I	The baseline scenario does sufficiently take into account relevant national and/or sectoral policies, macro-economic trends and political aspirations.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.2.6. Is the baseline determination compatible with the available data?	2,3, 4,7, 31	DR,I	Yes. The baseline determination is compatible with the available data.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.2.7. Does the selected baseline represent the most likely scenario among other possible and/or discussed scenarios?	3,4	DR	Yes. The selected baseline represents the most likely scenario.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.2.8. Does the PDD follow the approach for identifying the baseline scenario as given by the approved methodology?	3,4	DR	Yes. The PDD follows the approach for identifying the baseline scenario as given by the approved methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
B.2.9. Is all literature and sources clearly referenced?	3,4	DR	Yes. All Literature and sources are clearly referenced.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.3. Additionality					
B.3.1. Is the discussion of how emission reductions are achieved by the project scenario in comparison to the identified baseline scenario provided in a transparent manner?	2,3,4	DR,I	Yes. The discussion of how emission reductions are achieved by the project scenario in comparison to the baseline scenario is provided in a transparent manner through a barrier analysis. The indicated barriers are plausible and could be partly verified on-site by the validation team.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.3.2. In case of using calculation models in order to demonstrate emission reductions: Are all formulae and input data based on provable records?	3,4	DR	For demonstrating the additionality no computer models have been applied	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.3.3. Does the PDD clearly demonstrate the additionality using the approach as given by the methodology?	3,4,29	DR	Yes. The PDD clearly demonstrate the additionality using the approach as given by the methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.3.4. In case of using the additionality tool: Are all steps followed in a transparent and provable manner?	--	--	Not relevant, because the additionality tool has not been used.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.3.5. Does the discussion sufficiently take into	1,2,	DR,I	Yes. The discussion mentions some na-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
account relevant national and/or sectoral policies, macro-economic trends and political aspirations?	3,4		tional and sectoral policies and macro-economic trends.		
B.3.6. Does the CDM registration have any impact on the implementation of the project?	1,2, 3,4	DR,I	Without the CDM registration the project would not be implemented. The CDM registration plays a key role for the project.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.3.7. Is the approach for demonstrating additionality provided by the most recent (or still applicable) methodology correctly applied?	3,4, 29	DR	The approach for demonstrating additionality is correctly applied by the most recent methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.3.8. Are other proofs than anecdotal evidence for all assumptions and statements used by the additionality discussion?	3,4	DR	According to common practise and experience of the validation team it seems to be obvious that the operation of open lagoon system is the baseline scenario and that the farmers will not switch to bio digesting without the investment from AgCert.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.4. Project Boundary					
B.4.1. Are all emission related to the baseline scenario clearly identified and described in a complete manner?	2,3, 4	DR,I	Yes. All emission related to the baseline scenario is clearly identified and described in a complete manner.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
B.4.2. In case of grid connected electricity projects: Is the relevant grid correctly identified due to the EB guidance and the underlying methodology?	--	--	This question is not applicable to the project, as it is not a grid connected electricity project.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.4.3. Are all emission related to the project scenario clearly identified and described in a complete manner?	2,3,4	DR, I	It is nothing said about the project emissions which are mentioned in the PDD (pp. 32-36). <u>Clarification Request 6:</u> The project boundary should mention the occurrence of project emissions and in those cases what project emissions, according to the methodology definition (CO2 emissions from use of fossil fuels or electricity for the operation of the facility), will occur after the implementation of the project activity and include	CR 6	<input checked="" type="checkbox"/>
B.4.4. Are all emission related to leakage clearly identified and described in a complete manner?	--	--	Not applicable as a leakage calculation is according to the methodology not required.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.5. Detailed Baseline Information					
B.5.1. Is there any indication of a date when determine the baseline?	3,4	DR	It is not indicated in the PDD when the baseline was determined.	CR 7	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			<u>Clarification Request 7:</u> It has to be indicated in the PDD date of completion in <i>DD/MM/YYYY</i> and contact information and indicate whether the person/entity is also a project participant, as listed in Annex 1.		
B.5.2. Is this in consistency with the time line of the PDD history?	3,4	DR	See B.5.1.	See CR 7	<input checked="" type="checkbox"/>
B.5.3. Is all data required provided in a complete manner by annex 3 of the PDD?	3,4	DR	The PDD does not have annex 3. Therefore an annexed detailed baseline information is not given. However, the baseline information given in the PDD on pages 17-18 may be considered as sufficient.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.5.4. Is all data given in compliance with the methodology?	3,4, 29	DR	Yes. All data is in compliance with the methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.5.5. Is all data evidence by official data sources or replicable records?	3,4	DR	Yes. All data is evidenced by official data sources or replicable records.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.5.6. Is the vintage of the baseline data correct?	2,3, 4	DR,I	Even though if for almost each farm the population data is indicated for different months because of different dates of assessment by AgCert, the data vintage	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			may be accepted by the validation team as for each farm the vintage of one year is guaranteed.		
C. Duration of the Project / Crediting Period					
C.1.1. Are the project's starting date and operational lifetime clearly defined and reasonable?	2,3,4	DR, I	<p>It is not clear for the validation team why the projects starting date is on the 22nd of October 2004. All signed contracts were verified. Hereby the first contract were signed for this project activity on June15, 2004.</p> <p><u>Clarification Request 8:</u></p> <p>It has to be explained by AgCert why the 22nd of October 2004 is considered as project start. The first contract of the project were signed on June15, 2004. Therefore the validation team considers this date as project start.</p>	CR 8	<input checked="" type="checkbox"/>
C.1.2. Is the assumed crediting time clearly defined and reasonable (renewable crediting period of max 7 years with potential for 2 renewals or fixed crediting period of max. 10 years)?	3,4	DR	Yes. The crediting period is clearly defined with a fixed crediting period of 10 years.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
D. Monitoring Plan					
D.1. Monitoring Methodology					
D.1.1. Is the monitoring methodology previously approved by the CDM Methodology Panel?	3,4, 30	DR	Yes. The monitoring methodology AMS III.D. (Version 09) "Methane Recovery" has been approved on May 12, 2006. Recommendation: Agcert shall switch to new approved methodology version 11, since the Brazilian DNA processs will take longer than the version 09 is valid.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.2. Is the choice of the methodology correctly justified by the PDD?	3,4, 30	DR	Yes. The choice of the methodology is correctly justified by the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.3. Is the project in conformance with all applicability criteria of the applied methodology?	3,4, 30	DR	The project is in conformance with all applicability criteria of the applied methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.4. Does the monitoring methodology provide a consistent approach in the context of all parameter to be monitored and further information provided by the PDD?	3,4, 30	DR	Yes. The monitoring methodology provides a consistent approach in the context of all parameter to be monitored and further information provided by the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
D.1.5. Does the monitoring methodology apply consistently the choice of the option selected for monitoring both of project and baseline emissions?	3,4, 30	DR	The applied and approved methodology does not specify the monitoring of project emissions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.2. Monitoring of Project Emissions (if applied)					
D.2.1. Does the monitoring plan provide for the collection and archiving of all relevant data necessary for estimation or measuring the greenhouse gas emissions within the project boundary during the crediting period?	2,3, 4,14 ,15	DR, I	<u>Clarification Request 9</u> The monitoring of project emissions is not explicitly required according to applied methodology, however AgCert is requested to comment on how they would like to monitor potential project emissions in case they occur.	CR 9	<input checked="" type="checkbox"/>
D.2.2. Are the choices of project GHG indicators reasonable and in conformance with the requirements set by the approved methodology applied?	2,3, 4,10 ,14, 15 30	DR,I	The choices of project GHG indicators are reasonable. According to the methodology project emissions do not have to be monitored.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.2.3. Will it be possible to determine the specified project GHG indicators?	2,3, 4,10 , 14, 15,	DR,I	Yes. The necessary monitoring data and its accuracy will be guaranteed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
	34				
D.2.4. Will the indicators enable comparison of project data and performance over time?	2,3, 4,10 ,14, 15	DR,I	Yes. The indicators will enable comparison of project data and performance over time.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.2.5. Is the information given for each monitoring variable by the presented table sufficient to ensure the verification of a proper implementation of the monitoring plan?	2,3, 4,10 ,14, 15	DR,I	Yes. The information is sufficient to ensure the verification of a proper implementation of the monitoring plan.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.2.6. Is the information given for each monitoring variable by the presented table sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records?	2,3, 4,10 ,14, 15	DR,I	The given information is sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.2.7. Is the monitoring approach in line with current good practice, i.e. will it deliver data in a reliable and reasonably acceptable accuracy?	2,3, 4,10 ,14, 15	DR,I	Yes. The monitoring approach is in line with current good practice.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.2.8. Are all formulae used to determine project emission clearly indicated and in compliance with the monitoring methodology.	2,3, 4,10 ,14, 15, 31	DR,I	Not all parameters used for the determination of project emissions are clearly described. Besides, it is not explained in the PDD by AgCert, what components project emissions do include.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			However, according to the methodology project emissions do not have to be monitored and may be therefore not requested by the validation team.		
D.3. Monitoring of Baseline Emissions (if applied)					
D.3.1. Does the monitoring plan provide for the collection and archiving of all relevant data necessary for estimation or measuring the greenhouse gas emissions of the baseline emissions during the crediting period?	2,3, 4,10 ,14, 15	DR,I	All relevant data necessary for estimation or measuring the GHG emissions of the baseline emissions are given.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.3.2. Are the choices of project GHG indicators reasonable and in conformance with the requirements set by the approved methodology applied?	2,3, 4,10 ,14, 15	DR,I	Yes. The choices of project GHG indicators are reasonable and in conformance with the requirements set by the approved methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.3.3. Will it be possible to determine the specified project GHG indicators?	2,3, 4,10 ,14, 15	DR,I	Yes, according to given information the required parameters will be able to be monitored.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.3.4. Is the information given for each monitoring variable by the presented table sufficient to ensure the verification of a proper implementation of the monitoring plan?	2,3, 4,10 ,14, 15	DR,I	Yes. The information is sufficient to ensure the verification of a proper implementation of the monitoring plan.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
D.3.5. Is the information given for each monitoring variable by the presented table sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records?	2,3, 4,10 ,14, 15	DR,I	The given information is sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.3.6. Is the monitoring approach in line with current good practice, i.e. will it deliver data in a reliable and reasonably acceptable accuracy?	2,3, 4,10 ,14, 15	DR,I	Yes. The monitoring approach is in line with current good practice.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.3.7. Are all formulae used to determine baseline emission clearly indicated and in compliance with the monitoring methodology.	2,3, 4,10 ,14, 15, 31	DR,I	<u>Clarification Request 10</u> Not all formulae and parameters used to determine baseline emission are clearly indicated: The following abbreviations used in the Table E2 has to be explained in the PDD: - Days OB - BW kg - Cap EF It shall be explained, how the emission factors for finisher (33,82) and nursery (7,85) were calculated. Even if it is less	CR 10	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			than the calculated emission factor of 49,52 and hence more conservative, it should be made a note with a brief explanation. Those default values shall be noted in the PDD.		
D.4. Direct Monitoring of Emission Reductions (if applied)					
D.4.1. Does the monitoring plan provide for the collection and archiving of all relevant data necessary for estimation or measuring directly the greenhouse gas emissions reductions during the crediting period?	2,3, 4,10 ,14, 15	I,DR	All relevant data necessary for estimation or measuring the GHG emission reductions are provided.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.4.2. Are the choices of project GHG indicators reasonable and in conformance with the requirements set by the approved methodology applied?	2,3, 4,10 ,14, 15	DR,I	Yes. The choices of project GHG indicators are reasonable and in conformance with the requirements set by the approved methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.4.3. Will it be possible to determine the specified project GHG indicators?	2,3, 4,10 ,14, 15	DR,I	Yes. It will be possible to determine the specified project GHG indicators.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.4.4. Is the information given for each monitoring variable by the presented table sufficient to ensure the verification of a proper implementation of the monitoring plan?	2,3, 4,10 ,14,	DR,I	Yes. The information is sufficient to ensure the verification of a proper implementation of the monitoring plan.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
	15				
D.4.5. Is the information given for each monitoring variable by the presented table sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records?	2,3, 4,10 ,14, 15	DR,I	The given information is sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.4.6. Is the monitoring approach in line with current good practice, i.e. will it deliver data in a reliable and reasonably acceptable accuracy?	2,3, 4,10 ,14, 15	DR,I	Yes. The monitoring approach is in line with current good practice.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.4.7. Are all formulae used to determine project emission reductions clearly indicated and in compliance with the monitoring methodology.	2,3, 4,10 ,14, 15	DR,I	D.3.7.	See CR 10	<input checked="" type="checkbox"/>
D.5. Monitoring of Leakage (if applicable)					
D.5.1. Does the monitoring plan provide for the collection and archiving of all relevant data necessary for estimation or measuring of leakage emissions during the crediting period?	--	--	Not applicable as the project activity does not require a leakage calculation according to the methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.5.2. Are the choices of project GHG indicators reasonable and in conformance with the re-	--	--	Not applicable. See D.5.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
quirements set by the approved methodology applied?					
D.5.3. Will it be possible to determine the specified project GHG indicators?	--	--	Not applicable. See D.5.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.5.4. Is the information given for each monitoring variable by the presented table sufficient to ensure the verification of a proper implementation of the monitoring plan?	--	--	Not applicable. See D.5.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.5.5. Is the information given for each monitoring variable by the presented table sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records?	--	--	Not applicable. See D.5.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.5.6. Is the monitoring approach in line with current good practice, i.e. will it deliver data in a reliable and reasonably acceptable accuracy?	--	--	Not applicable. See D.5.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.5.7. Are all formulae used to determine leakage emissions clearly indicated and in compliance with the monitoring methodology.	--	--	Not applicable. See D.5.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.6. Determination of Emission Reductions					
D.6.1. Are all formulae used to determine leakage emissions clearly indicated and in compli-	--	--	Not applicable. See D.5.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
ance with the monitoring methodology.					
D.6.2. Is the information given for each calculated variable sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records?	2,3	DR,I	The given information is sufficient to ensure the delivery of high quality data free of potential for biases or intended or unintended changes in data records.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.7. Quality Control (QC) and Quality Assurance (QA) Procedures					
D.7.1. Is the selection of data undergoing quality control and quality assurance procedures complete?	3,4, 16, 17, 18, 19, 20	DR	The selection of data is complete.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.7.2. Is the belonging determination of uncertainty levels done correctly for each ID in a correct and reliable manner?	3,4, 16, 17, 18, 19, 20	DR	There are not determined uncertainty levels for each ID. <u>Clarification Request:11:</u> Table E6 of the PDD shows the uncertainty parameters. However, it is not determined the uncertainty level for each ID. AgCert should add this information	CR 11	<input checked="" type="checkbox"/>
D.7.3. Are quality control procedures and quality assurance procedures sufficiently described	3,4, 16,	DR	<u>Clarification Request 12:</u> How does AgCert guarantee that the	CR 12	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
to ensure the delivery of high quality data?	17, 18, 19, 20		<p>flow-meter which measures the amount of bio-gas produced is sealed and fully calibrated? This important for a proper monitoring of the project. During the on-site visits the validation team could not always identify a seal of an authorized company and not persuade itself of a fully calibrated flow-meter. AgCert shall explain what monitoring measures are to be taken in order to guarantee sealed and fully calibrated flow meters.</p> <p>AgCert should explain to the validation team how the proper monitoring will be in order to guarantee that each farm uses North American and/or European genetics. Is there any monitoring/verification done at AgCert that identifies changing in genetics in case they occur?</p>		
D.7.4. Is it ensured that data will be bound to national or internal reference standards?	3,4, 19	DR	Yes. That data will be bound to national reference standards.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8. Operational and management structure					
D.8.1. Is the authority and responsibility of project	2,3,	DR,I	The authority and responsibility of pro-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
management clearly described?	4,10		ject management is clearly described.		
D.8.2. Is the authority and responsibility for registration, monitoring, measurement and reporting clearly described?	2,3, 4,10	DR,I	The authority and responsibility for registration, monitoring, measurement and reporting is clearly described.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.3. Are procedures identified for training of monitoring personnel?	2,3, 4,14 ,15, 24, 25, 26	DR,I	Yes. Corresponding documents have been submitted to the validation team.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.4. Are procedures identified for emergency preparedness for cases where emergencies can cause unintended emissions?	2,3, 4,14 ,15	DR,I	Yes. Corresponding documents have been submitted to the validation team.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8 Monitoring Plan (Annex 4)					
D.8.5. Is the monitoring plan developed in a project specific manner clearly addressing the unique features of the CDM activity?	--	--	According to SSC-guidance there is no need for an Annex 4 and a monitoring plan. However, additional information has been attached to the updated PDD for more transparency to other stakeholders.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.6. Does the monitoring plan completely describes all measures to be implemented for	--	--	See D.9.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
monitoring all parameter required?					
D.8.7. Does the monitoring plan completely describes all measures to be implemented for ensuring data quality of all parameter to be monitored?		--	See D.9.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.8. Does the monitoring plan provide information on monitoring equipment and respective positioning in order to safeguard a proper installation?	--	--	See D.9.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.9. Are procedures identified for calibration of monitoring equipment?	3,4, 19	DR	See D.7.3.	See CR 12	<input checked="" type="checkbox"/>
D.8.10. Are procedures identified for maintenance of monitoring equipment and installations?	3,4, 14, 15, 24, 25, 26	DR	Yes. The document “Especificação do Método” submitted to the validation team, describes such procedures in chapter 4.0.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.11. Are procedures identified for monitoring, measurements and reporting?	3,4, 14, 15, 24, 25, 26	DR	The processes for “Collecting” and “Handling” of data is described in the O &M Plan. Including QA/QC measures. Besides, the document “Especificação do Método” submitted to the validation team, describes such procedures in	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			chapter 6.0 and 7.0.		
D.8.12. Are procedures identified for day-to-day records handling (including what records to keep, storage area of records and how to process performance documentation)	3,4, 14, 15, 24, 25, 26	DR	Yes. The document “Especificação do Método” submitted to the validation team, describes such procedures in chapter 6.0.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.13. Are procedures identified for dealing with possible monitoring data adjustments and uncertainties?	3,4, 14, 15, 24, 25, 26	DR	Yes. The document “Especificação do Método” submitted to the validation team, describes such procedures in chapter 4.2 and 4.3.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.14. Does the monitoring plan provide procedures identified for troubleshooting allowing redundant reconstruction of data in case of monitoring problems?	3,4, 14, 15, 24, 25, 26	DR	<p>The procedures for Emergency Maintenance notification are described in 4.3.1 of the O&M Plan. “Alternative Operating Procedures” designed to prevent unintended emissions are found in 4.2.2.7, 4.2.3.6, 4.2.4.5, and 4.2.5.5 of the O&M Plan.</p> <p>Besides, the document “Especificação do Método” submitted to the validation team, describes such procedures in</p>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			chapter 4.2 and 4.3.		
D.8.15. Are procedures identified for review of reported results/data?	3,4, 14, 15, 24, 25, 26	DR	Yes. Procedures are identified for re-view of reported results/data.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.16. Are procedures identified for internal audits of GHG project compliance with operational requirements where applicable?	3,4, 16	DR	Yes. See document I020-2, QA Process-Product Audits from 11/05/03.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.17. Are procedures identified for project performance reviews before data is submitted for verification, internally or externally?	3,4, 17	DR	Yes. See document P025, Control of Measuring & Monitoring Devices (MMD) and document I031-5 Receiving Inspection from 19.02.04.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.8.18. Are procedures identified for corrective actions in order to provide for more accurate future monitoring and reporting?	3,4, 18	DR	Yes. See document I005-1, Corrective and Preventive Actions from 21.07.03.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E. Calculation of GHG Emissions by Source					
E.1. Predicted Project GHG Emissions					
E.1.1. Are all aspects related to direct and indirect GHG emissions captured in the project design?	1,2, 3,4	DR, I	Not all aspects related to direct and indirect GHG emissions are captured in the	See CR 9	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			project design. See D.2.1.		
E.1.2. Are the GHG calculations documented in a complete and transparent manner?	3,4, 31	DR	Not all GHG calculations are documented in a complete and transparent manner. See D.2.1..	See CR 9	<input checked="" type="checkbox"/>
E.1.3. Have conservative assumptions been used to calculate project GHG emissions?	3,4, 31	DR	See D.2.1.	See CR 9	<input checked="" type="checkbox"/>
E.1.4. Are uncertainties in the GHG emissions estimates properly addressed in the documentation?	2,3, 4,29 ,30	DR,I	According to the methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.1.5. Is the projection based on same procedures as used for later monitoring or acceptable alternative models?	-	-	There is no need for any projection.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.1.6. Is the projection based on provable input parameter?	-	-	There is no need for any projection.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.2. Leakage					
E.2.1. Are potential leakage effects beyond the chosen project boundaries properly identified?	--	--	Not applicable as methodology does not require the calculation of leakage.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.2.2. Have these leakage effects been properly	--	--	N/A. See E.2.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
accounted for in calculations?					
E.2.3. Have conservative assumptions been used to calculate leakage emissions?	--	--	N/A. See E.2.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.2.4. Are uncertainties in the leakage estimates properly addressed in the documentation?	--	--	N/A. See E.2.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.2.5. Is the projection based on same procedures as used for later monitoring or acceptable alternative models?	--	--	N/A. See E.2.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.2.6. Is the projection based on provable input parameter?	--	--	N/A. See E.2.1.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.3. Baseline Emissions					
E.3.1. Have the most relevant and likely operational characteristics and baseline indicators been chosen as reference for baseline emissions?	2,3,4,29	DR,I	Yes. The most relevant and likely operational characteristics and baseline indicators have been chosen as reference for baseline emissions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.3.2. Are the baseline boundaries clearly defined and do they sufficiently cover sources and sinks for baseline emissions?	2,3,4	DR,I	Both the baseline boundary for emissions and the spatial boundary are clearly defined.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.3.3. Are the GHG calculations documented in a complete and transparent manner?	2,3,4,8	DR,I	Not all GHG calculations are documented in a complete and transparent manner. See D.2.1.	See CR 9	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
E.3.4. Have conservative assumptions been used when calculating baseline emissions?	3,4, 31	DR	Yes. It have been used conservative assumptions when calculating baseline emissions.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.3.5. Are uncertainties in the GHG emission estimates properly addressed in the documentation?	3,4, 10, 14, 31	DR,I	According to the methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.3.6. Is the projection based on same procedures as used for later monitoring or acceptable alternative models?	--	--	There is no need for any projection.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.3.7. Is the projection based on provable input parameter?	2,3, 4,31	DR,I	There is no need for any projection.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.4.Emission Reductions					
E.4.1. Will the project result in fewer GHG emissions than the baseline scenario?	2,3, 4	DR,I	Yes. The project will result in fewer GHG emissions than the baseline scenario.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.4.2. Is the form/table required for the indication of projected emission reductions correctly applied?	3,4	DR	Yes. The form required for the indication of projected emission reductions is correctly applied.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.4.3. Is the projection in line with the envisioned time schedule for the project's implementation and the indicated crediting period?	2,3,4, 5	DR,I	Yes. The project's crediting period will start on December, 1 st , 2006 and is in line with the schedule found on-site.	See CR 8	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
			However for the validation team is not clear why the project start is the 22 nd of October 2004. See C.1.1.		
F. Environmental Impacts					
F.1.1. Has an analysis of the environmental impacts of the project activity been sufficiently described?	2,3,4	DR,I	Yes. The environmental impacts of the project activity have been sufficiently described.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.2. Are there any Host Party requirements for an Environmental Impact Assessment (EIA), and if yes, is an EIA approved?	2,3,4	DR,I	An EIA is not necessary.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.3. Will the project create any adverse environmental effects?	2,3,4	DR,I	No. The project will not create any adverse environmental effects.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.4. Are transboundary environmental impacts considered in the analysis?	2,3,4	DR,I	Positive transboundary environmental impacts are not expected, due to the new equipment and the need for regular monitoring accidents can be identified easier.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.5. Have identified environmental impacts been addressed in the project design?	2,3,4	DR,I	Identified environmental impacts have been addressed in the project design.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.6. Does the project comply with environmental	2,3,	DR,I	The project complies principally with the	CAR 3	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
legislation in the host country?	4,9		environmental legislation in the host country. However it has not been presented to the validation team neither an environmental licence nor a protocol for "Fazenda das Laranjeiras". <u>Corrective Action Request 3:</u> It has to be presented an environmental licence or at least a protocol showing the application for an environmental licence for "Fazenda das Laranjeiras".		
G. Stakeholder Comments					
G.1.1. Have relevant stakeholders been consulted?	2,3, 4,27,28	DR,I	Yes. Relevant stakeholders have been consulted.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
G.1.2. Have appropriate media been used to invite comments by local stakeholders?	2,3, 4,27,28	DR,I	The invitations to local stakeholders were sent by postal and electronic mail to local stakeholders.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
G.1.3. If a stakeholder consultation process is required by regulations/laws in the host country, has the stakeholder consultation process been carried out in accordance with	2,3, 4,27,28	DR,I	The Brazilian DNA gives guidance how the local stakeholder process has to be conducted. The validation team may	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST QUESTION	Ref.	MoV*	COMMENTS	Draft Concl	DNA Concl
such regulations/laws?			confirm that the process has been performed as required.		
G.1.4. Is the undertaken stakeholder process described in a complete and transparent manner?	2,3, 4,27 ,28	DR,I	Yes. The undertaken stakeholder process is described in a complete and transparent manner..	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
G.1.5. Is a summary of the stakeholder comments received provided?	2,3, 4,27 ,28	DR,I	There were made only positive comments supporting the project. Negative comments have not been received.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
G.1.6. Has due account been taken of any stakeholder comments received?	2,3, 4,27 ,28	DR,I	See G.1.5.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

TABLE 2B: CONFORMITY OF PROJECT ACTIVITY AND PDD (CDM-SC-PDD VERSION 3 – NEW PDD FORMAT)

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
A. General description of small-scale project activity				
A.1. Title of the small-scale project activity				
A.1.1. Does the used project title clearly enable to identify the unique CDM activity?	Tab. 2a	Yes, the project is clearly defined in the title and explained in the PDD and Bundling Form.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.1.2. Are there any indication concerning the revision number and the date of the revision?	Tab. 2a	Yes, the document ID, revision number and date of the PDD are posted on the front cover.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.1.3. Is this consistent with the time line of the project's history?	Tab. 2a	Yes, the date of the revision is consistent with the time line of the project.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2. Description of the small-scale project activity				
A.2.1. Is the description delivering a transparent overview of the project activities?	Tab. 2a	Yes, the project activity is clearly defined in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2.2. What proofs are available demonstrating that the project description is in compliance with the actual situation or planning?	Tab. 2a	The actual situation has been checked during the on site visit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
A.2.3. Is the information provided by these proofs consistent with the information provided by the PDD?	Tab. 2a	Yes, the purpose of the project and the contribution to the sustainable development are in compliance with the actual situation.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2.4. Is all information presented consistent with details provided by further chapters of the PDD?	Tab. 2a	Yes, the information is consistent with the details provided in the following chapters.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2.5. Describe the type of Waste Management System (WMS) used in the site (e. g. Anaerobic lagoon, composting, solid separator, etc.)	Tab. 2a	A covered anaerobic digester for capture and combustion of Biogas will be the Waste Management System used in the visited farms.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2.6. Does the description of the technology to be applied provide sufficient and transparent input to evaluate its impact on the greenhouse gas balance?	Tab. 2a	The technology description in the PDD provides a transparent input in the in the project impact on the greenhouse gas balance.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.2.7. Is the brief explanation how the project will reduce greenhouse gas emission transparent and suitable?	Tab. 2a	An explanation is included on the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.3. Project participants				
A.3.1. Is the form required for the indication of project participants cor-	Tab. 2a	Yes, it is correctly applied.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
rectly applied?				
A.3.2. Is the participation of the listed entities or Parties confirmed by each one of them?	Tab. 2a	Yes, it was confirmed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.3.3. Is all information on participants / Parties provided in consistency with details provided by further chapters of the PDD (in particular annex 1)?	Tab. 2a	The information about the project participants is consistent with the further chapters of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4. Technical description of the small-scale project activity				
A.4.1. Location of the small-scale project activity				
A.4.1.1. Does the information provided on the location of the project activity allow for a clear identification of the site(s)?	Tab. 2a	All farms are clearly described in the PDD with address, contact person and GPS coordinates. This information has been checked during the on-site visit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.1.2. How is it ensured and/or demonstrated, that the project proponents can implement the project at this site (ownership, licenses, contracts etc.)?	Tab. 2a	Yes, all the participants have the documents of the ownership of sites.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
A.4.2. Type and category(ies) and technology/measure of the small-scale project activity				
A.4.2.1. To which type(s) does the project activity belong to? Is the type correctly identified and indicated?	Tab. 2a	The project activity is classified as Type III, other project activities. It is correctly indicated in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.2. To which category (ies) does the project activity belong to? Is the category correctly identified and indicated?	Tab. 2a	Category II.D, Methane recovery in agricultural and agro industrial activities, is correctly indicated in chapter A.4.2 of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.3. Does the technical design of the project activity reflect current good practices?	Tab. 2a	The technical design and the technology used in the project activity reflect good practices.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.4. Does the implementation of the project activity require any technology transfer from Annex-I-countries to the host country (ies)?	Tab. 2a	The used technology will be sourced from the host country	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.5. Is the technology implemented by the project activity environmentally safe?	Tab. 2a	Yes, the implemented technology is environmentally safe.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
A.4.2.6. Is the information provided in compliance with actual situation or planning?	Tab. 2a	Yes, the information provided are in compliance with the actual situation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.7. Does the project use state of the art technology and / or does the technology result in a significantly better performance than any commonly used technologies in the host country?	Tab. 2a	Yes, the technology to be employed by the project activity includes the installation of new covered lagoons creating an anaerobic digester. The project will improve the practice.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.8. Is the project technology likely to be substituted by other or more efficient technologies within the project period?	Tab. 2a	No, this technology is not common in the host country and it will not be substituted within the project period.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.9. Does the project require extensive initial training and maintenance efforts in order to be carried out as scheduled during the project period?	Tab. 2a	Yes, the project make considerations about training and maintenance to keep the normal operations during the project period,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.2.10. Is information available	Tab. 2a	Yes, the know-how transfer is duly taken into account in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
on the demand and requirements for training and maintenance?				
A.4.2.11. Is a schedule available for the implementation of the project and are there any risks for delays?	Tab. 2a	Yes, the construction of the project is implemented under schedule. Schedule documents have been submitted to the validator.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.3. Estimated amount of emission reductions over the chosen crediting period				
A.4.3.1. Is the form required for the indication of projected emission reductions correctly applied?	Tab. 2a	Yes, the project emission reduction is correctly applied on chapter A.4.3 of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.3.2. Are the figures provided consistent with other data presented in the PDD?	Tab. 2a	The figures provided are consistent with other chapters of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.3.3. Are the figures consistent with the small-scale criteria for the used Type?	Tab. 2a	Yes, the estimated annual emission reductions are consistent with the small scale criteria.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.4. Public funding of the small-scale project activity				

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
A.4.4.1. Is the information provided on public funding provided in compliance with the actual situation or planning as available by the project participants?	Tab. 2a	The project does not use any public funding.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.4.2. Is all information provided consistent with the details given in remaining chapters of the PDD (in particular annex 2)?	Tab. 2a	Yes, see above.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
A.4.5. Confirmation that the small-scale project activity is not a debundled component of a large scale project activity				

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD										
A.4.5.1. Is there a registered small-scale CDM site of a project activity or an application to register another small-scale CDM project activity: with the following characteristics:	Tab. 2a	<table><tr><td>Debundling checklist</td><td>Yes / No</td></tr><tr><td>the same project participants?</td><td>Yes</td></tr><tr><td>In the same project category and technology/measure?</td><td>Yes</td></tr><tr><td>Registered within previous two years? Or in registration process?</td><td>Yes</td></tr><tr><td>Whose boundary is within 1 km of the project boundary of the small scale project activity (sites) under consideration?</td><td>No</td></tr></table>	Debundling checklist	Yes / No	the same project participants?	Yes	In the same project category and technology/measure?	Yes	Registered within previous two years? Or in registration process?	Yes	Whose boundary is within 1 km of the project boundary of the small scale project activity (sites) under consideration?	No	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Debundling checklist	Yes / No													
the same project participants?	Yes													
In the same project category and technology/measure?	Yes													
Registered within previous two years? Or in registration process?	Yes													
Whose boundary is within 1 km of the project boundary of the small scale project activity (sites) under consideration?	No													
A.4.5.2. If the answer to all the above question is 'Yes' then does the total size of the small scale project activity combined with previously registered small scale CDM project activity exceeds the limits of small scale CDM project activities?	Tab. 2a	Not applicable.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										
B. Application of a baseline and monitoring methodology														

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD								
B.1. Title and reference of the approved baseline and monitoring methodology applied to the small-scale project activity												
B.1.1.1. Are reference number, version number, and title of the baseline and monitoring methodology clearly indicated?	Tab. 2a	Yes, the information is clearly indicated in page 8 of the PDD.	☑	☑								
B.1.1.2. Is the applied version the most recent one and / or is this version still applicable?	Tab. 2a	Version 11 of the methodology is used and it is still applicable.	☑	☑								
B.2. Justification of the choice of the project category												
B.2.1.1. Is the applied methodology considered the most appropriate one?	Tab. 2a	Yes	☑	☑								
B.2.1.2. Criterion 1: Does the project category comprise methane recovery from manure and wastes from agricultural or agro-industrial activities by	Tab. 2a	<table><tr><td>Applicability checklist</td><td>Yes / No / NA</td></tr><tr><td>Criterion discussed in the PDD?</td><td>Yes</td></tr><tr><td>Compliance provable?</td><td>Yes</td></tr><tr><td>Compliance verified?</td><td>Yes</td></tr></table>	Applicability checklist	Yes / No / NA	Criterion discussed in the PDD?	Yes	Compliance provable?	Yes	Compliance verified?	Yes	☑	☑
Applicability checklist	Yes / No / NA											
Criterion discussed in the PDD?	Yes											
Compliance provable?	Yes											
Compliance verified?	Yes											

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
a) installing methane recovery and combustion system to an existing source of methane emissions, or b) changing the management practice of a biogenic waste or raw material in order to achieve the controlled anaerobic digestion equipped with methane recovery and combustion system?				

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS		PPD in GSP	Final PDD								
B.2.1.3. Criterion 2: Does the project are not recovering methane from landfills or waste water treatment?	Tab. 2a	<table><tr><td>Applicability checklist</td><td>Yes / No / NA</td></tr><tr><td>Criterion discussed in the PDD?</td><td>Yes</td></tr><tr><td>Compliance provable?</td><td>Yes</td></tr><tr><td>Compliance verified?</td><td>Yes</td></tr></table>		Applicability checklist	Yes / No / NA	Criterion discussed in the PDD?	Yes	Compliance provable?	Yes	Compliance verified?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Applicability checklist	Yes / No / NA												
Criterion discussed in the PDD?	Yes												
Compliance provable?	Yes												
Compliance verified?	Yes												
B.2.1.4. Criterion 4: Are the technical measures being used (e.g. flared, combusted) to ensure that all bio-gas produced by the digester is destroyed?	Tab. 2a	<table><tr><td>Applicability checklist</td><td>Yes / No / NA</td></tr><tr><td>Criterion discussed in the PDD?</td><td>Yes</td></tr><tr><td>Compliance provable?</td><td>Yes</td></tr><tr><td>Compliance verified?</td><td>Yes</td></tr></table>		Applicability checklist	Yes / No / NA	Criterion discussed in the PDD?	Yes	Compliance provable?	Yes	Compliance verified?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Applicability checklist	Yes / No / NA												
Criterion discussed in the PDD?	Yes												
Compliance provable?	Yes												
Compliance verified?	Yes												
B.2.1.5. Criterion 3: Are the measures limited to those that result in emission reductions of less than or equal to 60 kt CO2 equivalent annually?	Tab. 2a	<table><tr><td>Applicability checklist</td><td>Yes / No / NA</td></tr><tr><td>Criterion discussed in the PDD?</td><td>Yes</td></tr><tr><td>Compliance provable?</td><td>Yes</td></tr><tr><td>Compliance verified?</td><td>Yes</td></tr></table>		Applicability checklist	Yes / No / NA	Criterion discussed in the PDD?	Yes	Compliance provable?	Yes	Compliance verified?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Applicability checklist	Yes / No / NA												
Criterion discussed in the PDD?	Yes												
Compliance provable?	Yes												
Compliance verified?	Yes												
B.3. Description of the project boundary													
B.3.1.1. Does the project boundary include physical,	Tab. 2a	The project boundary is clearly described in the PDD.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
geographical site(s) where the methane recovery facilities are taking place?				
B.3.1.2. Do the spatial and technological boundaries as verified on-site comply with the discussion provided by / indication included to the PDD?	Tab. 2a	The description complies with situation verified during the on-site visit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.4. Description of baseline and its development				
B.4.1.1. Have all technically feasible baseline scenario alternatives to the project activity been identified and discussed by the PDD? Why can this list be considered as being complete?	Tab. 2a	The alternatives has been identified and discussed in the PDD. Alternatives to the project activity without the help of CDM revenues have been discussed.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.4.1.2. Does the project identifies correctly and excludes those options not in line with regulatory or legal requirements?	Tab. 2a	The legal requirement has been discussed in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
B.4.1.3. Have applicable regulatory or legal requirements been identified?	Tab. 2a	Yes, regulatory requirements have been identified.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.4.1.4. Does the PDD identify the most likely baseline scenario in absence of the project activity?	Tab. 2a	Yes, the common practice is included in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.4.1.5. Is this identification supported by official and/or verifiable documents (e.g. studies, web pages, certificates, etc)?	Tab. 2a	Yes, documentation regarding these options have been submitted to the DOE.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.4.1.6. Is the identified baseline scenario in line with regulatory or legal requirements?	Tab. 2a	The baseline Scenario is in line with the local legal requirements.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.5. Description of how the anthropogenic emissions of GHG by sources are reduced below those that would have occurred in the absence of the registered small-scale CDM project activity:				
B.5.1.1. If the starting date of the project activity is before the date of validation, is evidence available to prove that	Tab. 2a	N.A.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS			PPD in GSP	Final PDD															
incentive from the CDM was seriously considered in the decision to proceed with the project activity?																					
B.5.1.2. Is a complete list of barriers developed that prevents the project activity to occur?	Tab. 2a	Yes, a list with all relevant barriers has been included in the PDD.			☑	☑															
B.5.1.3. Does this list include at least one of the following barriers?		<table><tr><th>Barrier</th><th>Dis-cussed?</th><th>Verifiable?</th></tr><tr><td>Investment</td><td>Yes</td><td>Yes</td></tr><tr><td>Technological</td><td>Yes</td><td>Yes</td></tr><tr><td>Due to prevailing practice</td><td>Yes</td><td>Yes</td></tr><tr><td>Other</td><td>No</td><td>N.A.</td></tr></table>			Barrier	Dis-cussed?	Verifiable?	Investment	Yes	Yes	Technological	Yes	Yes	Due to prevailing practice	Yes	Yes	Other	No	N.A.	☑	☑
Barrier	Dis-cussed?	Verifiable?																			
Investment	Yes	Yes																			
Technological	Yes	Yes																			
Due to prevailing practice	Yes	Yes																			
Other	No	N.A.																			
B.5.1.4. Does the discussion sufficiently take into account relevant national and/or sectoral policies?	Tab. 2a	National Policies and regulations are included in the PDD.			☑	☑															
B.5.1.5. Is transparent and documented evidence provided on the existence and significance of these barriers?	Tab. 2a	Documentation supporting the barriers have been verified by the audit team.			☑	☑															

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD						
ers?										
B.5.1.6. Is it appropriately explained how the approval of the project activity will help to overcome the identified barriers?	Tab. 2a	Yes, this issue is appropriately explained.	☑	☑						
B.6. Emissions reductions										
B.6.1. Explanation of methodological choices										
B.6.1.1. Is it explained how the procedures provided in the methodology are applied by the proposed project activity?	Tab. 2a	Yes, formulas and calculations are included in the PDD.	☑	☑						
B.6.1.2. Is every selection of options offered by the methodology correctly justified and is this justification in line with the situation verified on-site?	Tab. 2a	Yes, the right options have been chosen and are in lie with the situation verified on-site.	☑	☑						
B.6.1.3. Component 1: emissions from methane not captured by the project and released to the atmosphere	Tab. 2a	<table><tr><td>Project emission checklist</td><td>Yes / No</td></tr><tr><td>Component discussed in the PDD?</td><td>Yes</td></tr><tr><td>Formulae correctly applied?</td><td>Yes</td></tr></table>	Project emission checklist	Yes / No	Component discussed in the PDD?	Yes	Formulae correctly applied?	Yes	☑	☑
Project emission checklist	Yes / No									
Component discussed in the PDD?	Yes									
Formulae correctly applied?	Yes									



CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS		PPD in GSP	Final PDD						
B.6.1.4. Component 2: emissions from methane captured and not flared (e.g. physical leakage, flare inefficiency, flare availability)	Tab. 2a	<table><tr><td>Project emission checklist</td><td>Yes / No</td></tr><tr><td>Component discussed in the PDD?</td><td>Yes</td></tr><tr><td>Formulae correctly applied?</td><td>Yes</td></tr></table>		Project emission checklist	Yes / No	Component discussed in the PDD?	Yes	Formulae correctly applied?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Project emission checklist	Yes / No										
Component discussed in the PDD?	Yes										
Formulae correctly applied?	Yes										
B.6.1.5. Component 3: emissions from CO2 emissions from combustion of non-biogenic methane;	Tab. 2a	<table><tr><td>Project emission checklist</td><td>Yes / No</td></tr><tr><td>Component discussed in the PDD?</td><td>Yes</td></tr><tr><td>Formulae correctly applied?</td><td>Yes</td></tr></table>		Project emission checklist	Yes / No	Component discussed in the PDD?	Yes	Formulae correctly applied?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Project emission checklist	Yes / No										
Component discussed in the PDD?	Yes										
Formulae correctly applied?	Yes										
B.6.1.6. Component 4: emissions from CO2 emissions from use of fossil fuels or electricity for the operation of the facility	Tab. 2a	<table><tr><td>Project emission checklist</td><td>Yes / No</td></tr><tr><td>Component discussed in the PDD?</td><td>Yes</td></tr><tr><td>Formulae correctly applied?</td><td>Yes</td></tr></table>		Project emission checklist	Yes / No	Component discussed in the PDD?	Yes	Formulae correctly applied?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Project emission checklist	Yes / No										
Component discussed in the PDD?	Yes										
Formulae correctly applied?	Yes										
B.6.1.7. Component 5: emissions from the aerobic treatment and/or proper soil application of the sludge leaving the digesters in the project activity shall also be ensured and monitored. If	Tab. 2a	<table><tr><td>Project emission checklist</td><td>Yes / No</td></tr><tr><td>Component discussed in the PDD?</td><td>Yes</td></tr><tr><td>Formulae correctly applied?</td><td>Yes</td></tr></table>		Project emission checklist	Yes / No	Component discussed in the PDD?	Yes	Formulae correctly applied?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Project emission checklist	Yes / No										
Component discussed in the PDD?	Yes										
Formulae correctly applied?	Yes										

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
the sludge is treated and/or disposed anaerobically, the resulting methane emissions shall be considered as project emissions				
B.6.1.8. Are the formulae required for the determination of baseline emissions correctly presented, enabling a complete identification of parameters to be used and / or monitored?	Tab. 2a	Yes, the formula is correctly presented and corresponds to the methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.6.1.9. Are the formulae required for the determination of leakage emissions correctly presented, enabling a complete identification of parameter to be used and / or monitored?	Tab. 2a	Leakage calculations are not required.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.6.1.10. Are the formulae required for the determination of emission reductions correctly presented?	Tab. 2a	Yes, the formula is correctly presented and corresponds to the methodology.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD																		
B.6.2. Data and parameters that are available at validation																						
B.6.2.1. Is the list of parameters presented in chapter B.6.2 considered to be complete with regard to the requirements of the applied methodology?	Tab. 2a	Yes, the parameters presented are complete.	☑	☑																		
B.6.2.2. Parameter 1: amount of the waste or raw material	Tab. 2a	<table><tr><th>Data Checklist</th><th>Yes / No / NA</th></tr><tr><td>Title in line with methodology?</td><td>Yes</td></tr><tr><td>Data unit correctly expressed?</td><td>Yes</td></tr><tr><td>Appropriate description of parameter?</td><td>Yes</td></tr><tr><td>Source clearly referenced?</td><td>Yes</td></tr><tr><td>Correct value provided?</td><td>Yes</td></tr><tr><td>Has this value been verified?</td><td>Yes</td></tr><tr><td>Choice of data correctly justified?</td><td>Yes</td></tr><tr><td>Measurement method correctly described?</td><td>Yes</td></tr></table> <p>Derived from calculations in accordance with. IPCC 2006</p>	Data Checklist	Yes / No / NA	Title in line with methodology?	Yes	Data unit correctly expressed?	Yes	Appropriate description of parameter?	Yes	Source clearly referenced?	Yes	Correct value provided?	Yes	Has this value been verified?	Yes	Choice of data correctly justified?	Yes	Measurement method correctly described?	Yes	☑	☑
Data Checklist	Yes / No / NA																					
Title in line with methodology?	Yes																					
Data unit correctly expressed?	Yes																					
Appropriate description of parameter?	Yes																					
Source clearly referenced?	Yes																					
Correct value provided?	Yes																					
Has this value been verified?	Yes																					
Choice of data correctly justified?	Yes																					
Measurement method correctly described?	Yes																					
B.6.2.3. Parameter 2: most recent IPCC tier 2 (i.e. Vs, Bo, MCF)	Tab. 2a	<table><tr><th>Data Checklist</th><th>Yes / No / NA</th></tr><tr><td></td><td></td></tr></table>	Data Checklist	Yes / No / NA			☑	☑														
Data Checklist	Yes / No / NA																					

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS			PPD in GSP	Final PDD
		Title in line with methodology?	Yes			
		Data unit correctly expressed?	Yes			
		Appropriate description of parameter?	Yes			
		Source clearly referenced?	Yes			
		Correct value provided?	Yes			
		Has this value been verified?	Yes			
		Choice of data correctly justified?	Yes			
		Measurement method correctly described?	Yes			

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS		PPD in GSP	Final PDD																		
B.6.2.4. Parameter 3 (only for Animal WMS): population and type of animals.	Tab. 2a	<table><tr><th>Data Checklist</th><th>Yes / No / NA</th></tr><tr><td>Title in line with methodology?</td><td>Yes</td></tr><tr><td>Data unit correctly expressed?</td><td>Yes</td></tr><tr><td>Appropriate description of parameter?</td><td>Yes</td></tr><tr><td>Source clearly referenced?</td><td>Yes</td></tr><tr><td>Correct value provided?</td><td>Yes</td></tr><tr><td>Has this value been verified?</td><td>Yes</td></tr><tr><td>Choice of data correctly justified?</td><td>Yes</td></tr><tr><td>Measurement method correctly described?</td><td>Yes</td></tr></table>		Data Checklist	Yes / No / NA	Title in line with methodology?	Yes	Data unit correctly expressed?	Yes	Appropriate description of parameter?	Yes	Source clearly referenced?	Yes	Correct value provided?	Yes	Has this value been verified?	Yes	Choice of data correctly justified?	Yes	Measurement method correctly described?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Data Checklist	Yes / No / NA																				
		Title in line with methodology?	Yes																				
		Data unit correctly expressed?	Yes																				
		Appropriate description of parameter?	Yes																				
		Source clearly referenced?	Yes																				
		Correct value provided?	Yes																				
		Has this value been verified?	Yes																				
		Choice of data correctly justified?	Yes																				
Measurement method correctly described?	Yes																						
B.6.3. Ex-ante calculation of emission reductions																							
B.6.3.1. Is the projection based on the same procedures as used for future monitoring?	Tab. 2a	Yes, the projection used is based in the future monitoring.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																		
B.6.3.2. Are the GHG calculations documented in a complete and transparent manner?	Tab. 2a	Yes, all GHG calculations are completely documented in the PDD.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																		
B.6.3.3. If there is more than one component of the pro-	Tab. 2a	N.A.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																		

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
ject activity, then, are emission reduction calculations provided separately for each component?				
B.6.3.4. Is the data provided in this section consistent with data as presented in other chapters of the PDD?	Tab. 2a	The data provided is consistent with other chapters of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.6.4. Summary of the ex-ante estimation of emission reductions				
B.6.4.1. Will the project result in fewer GHG emissions than the baseline scenario?	Tab. 2a	Yes, the emissions will be lower.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.6.4.2. Is the form/table required for the indication of projected emission reductions correctly applied?	Tab. 2a	Yes, the form is correctly applied.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.6.4.3. If the project activity involves more than one component, is separate table included for each of the component.	Tab. 2a	Yes, in this case the calculations have been done separately for every farm.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.6.4.4. Do these values com-	Tab.	Yes, the values comply with the small scale criteria.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD		
ply with small-scale criteria for every year?	2a					
B.6.4.5. Is the projection in line with the envisioned time schedule for the project’s implementation and the indicated crediting period?	Tab. 2a	Yes, the projection is compliant with the schedule.	☑	☑		
B.6.4.6. Is the data provided in this section in consistency with data as presented in other chapters of the PDD?	Tab. 2a	The presented data is consistent.	☑	☑		
B.7. Application of the monitoring methodology and description of the monitoring plan						
B.7.1. Data and parameters monitored						
B.7.1.1. Is the list of parameters presented in chapter B.7.1 considered to be complete with regard to the requirements of the applied methodology?	Tab. 2a	Yes, all parameters are discussed on the PDD.	☑	☑		
B.7.1.2. Parameter 1: biogas flow	Tab. 2a	<table><tr><td>Monitoring Checklist</td><td>Yes / No</td></tr></table>	Monitoring Checklist	Yes / No	☑	☑
Monitoring Checklist	Yes / No					



CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS			PPD in GSP	Final PDD
		Title in line with methodology?	Yes			
		Data unit correctly expressed?	Yes			
		Appropriate description of parameter?	Yes			
		Source clearly referenced?	Yes			
		Correct value provided for estimation?	Yes			
		Has this value been verified?	Yes			
		Measurement method correctly described?	Yes			
		Correct reference to standards?	Yes			
		Indication of accuracy provided?	Yes			
		QA/QC procedures described?	Yes			
		QA/QC procedures appropriate?	Yes			

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS		PPD in GSP	Final PDD																								
B.7.1.3. Parameter 2: biogas temperature	Tab. 2a	<table><tr><th>Monitoring Checklist</th><th>Yes / No</th></tr><tr><td>Title in line with methodology?</td><td>N/A</td></tr><tr><td>Data unit correctly expressed?</td><td>N/A</td></tr><tr><td>Appropriate description of parameter?</td><td>N/A</td></tr><tr><td>Source clearly referenced?</td><td>N/A</td></tr><tr><td>Correct value provided for estimation?</td><td>N/A</td></tr><tr><td>Has this value been verified?</td><td>N/A</td></tr><tr><td>Measurement method correctly described?</td><td>N/A</td></tr><tr><td>Correct reference to standards?</td><td>N/A</td></tr><tr><td>Indication of accuracy provided?</td><td>N/A</td></tr><tr><td>QA/QC procedures described?</td><td>N/A</td></tr><tr><td>QA/QC procedures appropriate?</td><td>N/A</td></tr></table>		Monitoring Checklist	Yes / No	Title in line with methodology?	N/A	Data unit correctly expressed?	N/A	Appropriate description of parameter?	N/A	Source clearly referenced?	N/A	Correct value provided for estimation?	N/A	Has this value been verified?	N/A	Measurement method correctly described?	N/A	Correct reference to standards?	N/A	Indication of accuracy provided?	N/A	QA/QC procedures described?	N/A	QA/QC procedures appropriate?	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Monitoring Checklist	Yes / No																												
Title in line with methodology?	N/A																												
Data unit correctly expressed?	N/A																												
Appropriate description of parameter?	N/A																												
Source clearly referenced?	N/A																												
Correct value provided for estimation?	N/A																												
Has this value been verified?	N/A																												
Measurement method correctly described?	N/A																												
Correct reference to standards?	N/A																												
Indication of accuracy provided?	N/A																												
QA/QC procedures described?	N/A																												
QA/QC procedures appropriate?	N/A																												
B.7.1.4. Parameter 3: pressure	Tab. 2a	<table><tr><th>Monitoring Checklist</th><th>Yes / No</th></tr><tr><td>Title in line with methodology?</td><td>N/A</td></tr><tr><td>Data unit correctly expressed?</td><td>N/A</td></tr><tr><td>Appropriate description of parameter?</td><td>N/A</td></tr><tr><td>Source clearly referenced?</td><td>N/A</td></tr><tr><td>Correct value provided for estimation?</td><td>N/A</td></tr><tr><td>Has this value been verified?</td><td>N/A</td></tr><tr><td>Measurement method correctly described?</td><td>N/A</td></tr><tr><td>Correct reference to standards?</td><td>N/A</td></tr></table>		Monitoring Checklist	Yes / No	Title in line with methodology?	N/A	Data unit correctly expressed?	N/A	Appropriate description of parameter?	N/A	Source clearly referenced?	N/A	Correct value provided for estimation?	N/A	Has this value been verified?	N/A	Measurement method correctly described?	N/A	Correct reference to standards?	N/A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>						
Monitoring Checklist	Yes / No																												
Title in line with methodology?	N/A																												
Data unit correctly expressed?	N/A																												
Appropriate description of parameter?	N/A																												
Source clearly referenced?	N/A																												
Correct value provided for estimation?	N/A																												
Has this value been verified?	N/A																												
Measurement method correctly described?	N/A																												
Correct reference to standards?	N/A																												

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS			PPD in GSP	Final PDD
		Indication of accuracy provided?	N/A			
		QA/QC procedures described?	N/A			
		QA/QC procedures appropriate?	N/A			

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD																									
B.7.1.5. Parameter 4: fraction of CH ₄	Tab. 2a			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>																								
		<table><tr><th>Monitoring Checklist</th><th>Yes / No</th></tr><tr><td>Title in line with methodology?</td><td>Yes</td></tr><tr><td>Data unit correctly expressed?</td><td>Yes</td></tr><tr><td>Appropriate description of parameter?</td><td>Yes</td></tr><tr><td>Source clearly referenced?</td><td>Yes</td></tr><tr><td>Correct value provided for estimation?</td><td>Yes</td></tr><tr><td>Has this value been verified?</td><td>Yes</td></tr><tr><td>Measurement method correctly described?</td><td>Yes</td></tr><tr><td>Correct reference to standards?</td><td>Yes</td></tr><tr><td>Indication of accuracy provided?</td><td>Yes</td></tr><tr><td>QA/QC procedures described?</td><td>Yes</td></tr><tr><td>QA/QC procedures appropriate?</td><td>Yes</td></tr></table>				Monitoring Checklist	Yes / No	Title in line with methodology?	Yes	Data unit correctly expressed?	Yes	Appropriate description of parameter?	Yes	Source clearly referenced?	Yes	Correct value provided for estimation?	Yes	Has this value been verified?	Yes	Measurement method correctly described?	Yes	Correct reference to standards?	Yes	Indication of accuracy provided?	Yes	QA/QC procedures described?	Yes	QA/QC procedures appropriate?	Yes
		Monitoring Checklist	Yes / No																										
		Title in line with methodology?	Yes																										
		Data unit correctly expressed?	Yes																										
		Appropriate description of parameter?	Yes																										
		Source clearly referenced?	Yes																										
		Correct value provided for estimation?	Yes																										
		Has this value been verified?	Yes																										
		Measurement method correctly described?	Yes																										
		Correct reference to standards?	Yes																										
		Indication of accuracy provided?	Yes																										
		QA/QC procedures described?	Yes																										
QA/QC procedures appropriate?	Yes																												

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD																								
B.7.1.6. Parameter 5: flare efficiency	Tab. 2a	<table><tr><th>Monitoring Checklist</th><th>Yes / No</th></tr><tr><td>Title in line with methodology?</td><td>Yes</td></tr><tr><td>Data unit correctly expressed?</td><td>Yes</td></tr><tr><td>Appropriate description of parameter?</td><td>Yes</td></tr><tr><td>Source clearly referenced?</td><td>Yes</td></tr><tr><td>Correct value provided for estimation?</td><td>Yes</td></tr><tr><td>Has this value been verified?</td><td>Yes</td></tr><tr><td>Measurement method correctly described?</td><td>Yes</td></tr><tr><td>Correct reference to standards?</td><td>Yes</td></tr><tr><td>Indication of accuracy provided?</td><td>Yes</td></tr><tr><td>QA/QC procedures described?</td><td>Yes</td></tr><tr><td>QA/QC procedures appropriate?</td><td>Yes</td></tr></table>	Monitoring Checklist	Yes / No	Title in line with methodology?	Yes	Data unit correctly expressed?	Yes	Appropriate description of parameter?	Yes	Source clearly referenced?	Yes	Correct value provided for estimation?	Yes	Has this value been verified?	Yes	Measurement method correctly described?	Yes	Correct reference to standards?	Yes	Indication of accuracy provided?	Yes	QA/QC procedures described?	Yes	QA/QC procedures appropriate?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Monitoring Checklist	Yes / No																											
Title in line with methodology?	Yes																											
Data unit correctly expressed?	Yes																											
Appropriate description of parameter?	Yes																											
Source clearly referenced?	Yes																											
Correct value provided for estimation?	Yes																											
Has this value been verified?	Yes																											
Measurement method correctly described?	Yes																											
Correct reference to standards?	Yes																											
Indication of accuracy provided?	Yes																											
QA/QC procedures described?	Yes																											
QA/QC procedures appropriate?	Yes																											
B.7.1.7. Parameter 6: combusted gas	Tab. 2a	<table><tr><th>Monitoring Checklist</th><th>Yes / No</th></tr><tr><td>Title in line with methodology?</td><td>Yes</td></tr><tr><td>Data unit correctly expressed?</td><td>Yes</td></tr><tr><td>Appropriate description of parameter?</td><td>Yes</td></tr><tr><td>Source clearly referenced?</td><td>Yes</td></tr><tr><td>Correct value provided for estimation?</td><td>Yes</td></tr><tr><td>Has this value been verified?</td><td>Yes</td></tr><tr><td>Measurement method correctly described?</td><td>Yes</td></tr></table>	Monitoring Checklist	Yes / No	Title in line with methodology?	Yes	Data unit correctly expressed?	Yes	Appropriate description of parameter?	Yes	Source clearly referenced?	Yes	Correct value provided for estimation?	Yes	Has this value been verified?	Yes	Measurement method correctly described?	Yes	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>								
Monitoring Checklist	Yes / No																											
Title in line with methodology?	Yes																											
Data unit correctly expressed?	Yes																											
Appropriate description of parameter?	Yes																											
Source clearly referenced?	Yes																											
Correct value provided for estimation?	Yes																											
Has this value been verified?	Yes																											
Measurement method correctly described?	Yes																											

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS			PPD in GSP	Final PDD
		Correct reference to standards?	Yes			
		Indication of accuracy provided?	Yes			
		QA/QC procedures described?	Yes			
		QA/QC procedures appropriate?	Yes			

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS		PPD in GSP	Final PDD	
B.7.1.8. Parameter 7: fraction of time in which the gas is combusted in the flare	Tab. 2a	Monitoring Checklist		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Yes / No				
		Title in line with methodology?				Yes
		Data unit correctly expressed?				Yes
		Appropriate description of parameter?				Yes
		Source clearly referenced?				Yes
		Correct value provided for estimation?				Yes
		Has this value been verified?				Yes
		Measurement method correctly described?				Yes
		Correct reference to standards?				Yes
		Indication of accuracy provided?				Yes
		QA/QC procedures described?				Yes
QA/QC procedures appropriate?		Yes				
B.7.2. Description of the monitoring plan						
B.7.2.1. Is the operational and management structure clearly described and in compliance with the envisioned situation?	Tab. 2a	Management structures are clearly described in the PDD.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
B.7.2.2. Are responsibilities and institutional arrangements for data collection and ar-	Tab. 2a	Responsible and arrangements for monitoring are provided.		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
chiving clearly provided?				
B.7.2.3. Does the monitoring plan provide current good monitoring practice?	Tab. 2a	The monitoring plan reflects current good practices.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.7.2.4. If applicable: Does annex 4 provide useful information enabling a better understanding of the envisioned monitoring provisions?	Tab. 2a	Yes, annex 4 provides detailed information about the monitoring procedures and technical data.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.8. Date of completion of the application of the baseline study and monitoring methodology an the name of the responsible person(s)/entity(ies)				
B.8.1.1. Is there any indication of a date when the baseline was determined?	Tab. 2a	The date and responsible for baseline development is included in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.8.1.2. Has dd/mm/yyyy format been used to indicate the date.	Tab. 2a	Yes, 15/03/2007	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.8.1.3. Is this consistent with the time line of the PDD history?	Tab. 2a	Yes, it is consistent.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
B.8.1.4. Is the information on the person(s) / entity (ies) responsible for the application of the baseline and monitoring methodology provided consistent with the actual situation?	Tab. 2a	Yes, the responsible for baseline and monitoring methodology is also the project developer.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
B.8.1.5. Is information provided whether this person / entity is also considered a project participant?	Tab. 2a	Yes, see information above.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C. Duration of the project activity / crediting period				
C.1. Duration of the project activity				
C.1.1.1. Are the project's starting date and operational lifetime clearly defined and reasonable?	Tab. 2a	Yes, the dates are reasonable.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
C.2. Choice of the crediting period and related information				
C.2.1.1. Is the assumed crediting time clearly defined and reasonable (renewable cred-	Tab. 2a	Yes, the crediting period has been clearly defined and reasonable.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
iting period of max 7 years with potential for 2 renewals or fixed crediting period of max. 10 years)?				
C.2.1.2. Has dd/mm/yyyy format been used to indicate the start date of the crediting period?	Tab. 2a	Yes, the format is respected.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D. Environmental impacts				
D.1. If required by the host Party, documentation on the analysis of the environmental impacts of the project activity:				
D.1.1. Are there any Host Party requirements for an Environmental Impact Assessment (EIA), and if yes, has an EIA been approved?	Tab. 2a	Yes all legal requirements of the host country has been respected so far.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.2. Has the analysis of the environmental impacts of the project activity been sufficiently described?	Tab. 2a	N.A.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.3. Will the project create any adverse environmental effects?	Tab. 2a	No negative environmental impacts are expected from the proposed project.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.1.4. Were transboundary environmental impacts identified in the	Tab. 2a	N.A.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
analysis?				
D.2. If environmental impacts are considered significant by the project participants or the host Party, please provide conclusions and all references to support documentation of an environmental impact assessment undertaken in accordance with the procedures as required by the host Party				
D.2.1. Have the identified environmental impacts been addressed in the project design sufficiently?	Tab. 2a	Yes, no environmental impacts. .	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
D.2.2. Does the project comply with environmental legislation in the host country?	Tab. 2a	Yes, the project respects the host country's environmental legislation.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E. Stakeholders' comments				
E.1. Brief description how comments by local stakeholders have been invited and compiled				
E.1.1. Have relevant stakeholders been consulted?	Tab. 2a	Yes, stakeholder meetings have been held.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.1.2. Have appropriate media been used to invite comments by local stakeholders?	Tab. 2a	Yes, information on the meetings has been provided through newspapers.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.1.3. If a stakeholder consultation process is required by regulations/laws in the host country, has the stakeholder consultation proc-	Tab. 2a	Yes, the stakeholder consultation process had been carried out in accordance with host country regulations/laws.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
ess been carried out in accordance with such regulations/laws?				
E.1.4. Is the undertaken stakeholder process that was carried out described in a complete and transparent manner?	Tab. 2a	Yes, it is clearly described in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.2.Summary of the comments received				
E.2.1. Is a summary of the received stakeholder comments provided?	Tab. 2a	No relevant comments was received form the stakeholders.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
E.3.Report on how due account was taken of any comments received				
E.3.1. Has due account been taken of any stakeholder comments received?	Tab. 2a	No relevant comments was received form the stakeholders.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F. Annexes 1 - 4				
Annex 1: Contact Information				
F.1.1. Is the information provided consistent with the one given under section A.3?	Tab. 2a	Yes, the information is consistent.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.2. Is the information on all private participants and directly involved	Tab. 2a	Yes, all involved parties are included.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
Parties presented?				
Annex 2: Information regarding public funding				
F.1.3. Is the information provided on the inclusion of public funding (if any) in consistency with the actual situation presented by the project participants?	Tab. 2a	No public funding was provided for this project.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.4. If necessary: Is an affirmation available that any such funding from Annex-I-countries does not result in a diversion of ODA?	Tab. 2a	See comment above.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Annex 3: Baseline information				
F.1.5. If additional background information on baseline data is provided: Is this information consistent with data presented by other sections of the PDD?	Tab. 2a	Yes, the baseline information presented is in line with other sections of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.6. Is the data provided verifiable? Has sufficient evidence been provided to the validation team?	Tab. 2a	The audit team verified these values during the on-site visit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.7. Does the additional information substantiate / support statements	Tab. 2a	Yes, the information supports the calculations provided in other sections of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CHECKLIST TOPIC / QUESTION	Ref.	COMMENTS	PPD in GSP	Final PDD
given in other sections of the PDD?				
Annex 4: Monitoring information				
F.1.8. If additional background information on monitoring is provided: Is this information consistent with data presented in other sections of the PDD?	Tab. 2a	Yes, the monitoring information presented is in line with other sections of the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.9. Is the information provided verifiable? Has sufficient evidence been provided to the validation team?	Tab. 2a	The audit team verified the information during the on-site visit.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
F.1.10. Do the additional information and / or documented procedures substantiate / support statements given in other sections of the PDD?	Tab. 2a	Yes, the information given supports other monitoring information given in the PDD.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Table 3 Resolution of Corrective Action and Clarification Requests

Draft report clarifications and corrective action requests by validation team	Ref. to checklist question in tables 1 and 2	Summary of project owner response	Validation team conclusion
<u>Corrective Action Request 1:</u> It should be added in the description of the project activity that project emissions occur and a short description of what are such project emissions.	Table 2, A.2.3.	CAR1 – Direct project emissions are addressed in the PDD.	Issue is considered to be resolved. <input checked="" type="checkbox"/>
<u>Corrective Action Request 2:</u> The project developer shall add the Version number to the title of the approved baseline methodology, in order to create a clear reference.	Table 2, B.1.1.	CAR2 – V.11 of the Methodology has been submitted for review.	Issue is considered to be resolved. <input checked="" type="checkbox"/>
<u>Corrective Action Request 3:</u> It has to be presented an environmental licence or at least a protocol showing the application for an environmental licence for “Fazenda das Laranjeiras”	Table 2, F.1.6.	CAR3 – Protocol has been posted to the PDD supporting documents portal.	Issue is considered to be resolved. <input checked="" type="checkbox"/>
<u>Clarification Request 1:</u> The description of the technology to be applied provides a sufficient and trans-	Table 2, A.4.5.	CR1 – Technical descriptions have been posted to the PDD supporting documents portal.	The envisioned flare is considered enclosed. <input checked="" type="checkbox"/>

Draft report clarifications and corrective action requests by validation team	Ref. to check-list question in tables 1 and 2	Summary of project owner response	Validation team conclusion
<p>parent input to evaluate its impact on the greenhouse gas balance. However, it is not clear to the validation team whether the farms use an enclosed flare as it is described in the PDD.</p> <p>The validation team asks for a technical description including a technical drawing of the flare, where it is mentioned that farms are equipped with an enclosed flare and not an open flare, and for an manufacturer evidence about the estimated efficiency.</p>		<p>An updated drawing of the enclosed flare has been posted to the PDD supporting documents portal. Please see Plano I Ground Level Flare in the “Components/Users Manuals” section.</p>	
<p><u>Clarification Request 2:</u></p> <p>The number of biodigester modules and its size should be mentioned in the PDD. See also requested information of CR 1</p>	Table 2, A.4.8.	<p>CR2 – The PDD clearly states digesters shall be sized sufficiently per project.</p>	<p>Issue is considered to be resolved.</p> <p><input checked="" type="checkbox"/></p>
<p><u>Clarification Request 3:</u></p> <p>The documentation about initial training and maintenance (signed participation list and/or date of the scheduled trainings) of</p>	Table 2, A.4.10.	<p>CR3 – Proposed / conducted training schedule has been posted to the PDD supporting documents portal.</p>	<p>Issue is considered to be resolved.</p> <p><input checked="" type="checkbox"/></p>

Draft report clarifications and corrective action requests by validation team	Ref. to checklist question in tables 1 and 2	Summary of project owner response	Validation team conclusion
all farms should be submitted to the validation team or to the TUV Support Documentation Panel.			
<u>Clarification Request 4:</u> The site “Fazenda Sao Paulo II” was not informed by AgCert when the construction of the biodigestor would begin. AgCert should inform the validation team when the construction will begin and if it will be finished before the starting date of the crediting period.	Table 2, A.4.12.	CR4 – Construction will not begin until the project is registered.	Issue is considered to be resolved. However, AgCert should be aware of the fact that if the begin of the construction is after project registry and can not be finished until the start of the crediting period, the project activity may not generate the amount of CER credits as predicted. <input checked="" type="checkbox"/>
<u>Clarification Request 5:</u> AgCert should explain in general to the validation team how it is guaranteed that debundling is not taking place over the	Table 2, A.6.1.	CR5 – All projects are plotted using “Google Earth” to ensure locations are not creating a debundling issue. These distances will be considered if at some	Issue is considered to be resolved for validation. <input checked="" type="checkbox"/>

Draft report clarifications and corrective action requests by validation team	Ref. to check-list question in tables 1 and 2	Summary of project owner response	Validation team conclusion
time. AgCert should inform the validation team what monitoring measures are fulfilled to guarantee that no debundling from small scale projects (SSC) to SSC projects occurs.		time in the future AgCert is to build additional digester(s).	
<u>Clarification Request 6:</u> The project boundary should mention the occurrence of project emissions and in those cases what project emissions, according to the methodology definition (CO2 emissions from use of fossil fuels or electricity for the operation of the facility), will occur after the implementation of the project activity and include them in the figure "B1 project boundary".	Table 2, B.4.3.	CR6 – Direct project emissions are addressed in the PDD.	Issue is considered to be resolved. <input checked="" type="checkbox"/>
<u>Clarification Request 7:</u> It has to be indicated in the PDD date of completion in <i>DD/MM/YYYY</i> and contact information and indicate whether the person/entity is also a project participant, as	Table 2,B.5.1.	CR7 – This information is included in the PDD.	Issue is considered to be resolved. <input checked="" type="checkbox"/>


Draft report clarifications and corrective action requests by validation team	Ref. to check-list question in tables 1 and 2	Summary of project owner response	Validation team conclusion
listed in Annex 1.			
<u>Clarification Request 8:</u> It has to be explained by AgCert why the 22 nd of October 2004 is considered as project start. The first contract of the project were signed on June15, 2004. Therefore the validation team considers this date as project start.	Table 2, C.1.1.	CR8 - This information has been updated in the PDD.	Issue is considered to be resolved. <input checked="" type="checkbox"/>
<u>Clarification Request 9:</u> The monitoring of project emissions is not explicitly required according to applied methodology, however AgCert is requested to comment on how they would like to monitor potential project emissions in case they occur.	Table 2,D.2.1..	CR9 – This information is included as a requirement in the V.11 Methodology.	Issue is considered to be resolved. <input checked="" type="checkbox"/>
<u>Clarification Request 10:</u> Not all formulae and parameters used to determine baseline emission are clearly indicated: <ul style="list-style-type: none"> The following abbreviations used 	Table 2, D.3.7.	CR10 – Requested abbreviations have been included in the PDD. Factors are weight adjusted based on animal weights. Since these animals are smaller, they produce less manure thus the EF is smaller.	The first two issues are not valid anymore because of new PDD format. The last issue is considered as solved by

Draft report clarifications and corrective action requests by validation team	Ref. to check-list question in tables 1 and 2	Summary of project owner response	Validation team conclusion
<p>in the Table E2 has to be explained in the PDD:</p> <ul style="list-style-type: none"> - Days OB - BW kg - Cap EF <p>It shall be explained, how the emission factors for finisher (33,82) and nursery (7,85) were calculated. Even if it is less than the calculated emission factor of 49,52 and hence more conservative, it should be made a note with a brief explanation. Those default values shall be noted in the PDD.</p>		Please see footnote 15 for emission factor values.	<p>given answer.</p> <p><input checked="" type="checkbox"/></p>
<p><u>Clarification Request:11:</u></p> <p>Table E6 of the PDD shows the uncertainty parameters. However, it is not determined the uncertainty level for each ID. AgCert should add this information</p>	Table 2, D.7.2.	CR11 – Uncertainty factors are addressed in the Monitoring Plan.	<p>Issue is considered to be resolved.</p> <p><input checked="" type="checkbox"/></p>
<p><u>Clarification Request 12:</u></p> <p>How does AgCert guarantee that the</p>	Table 2, D.7.3.	CR12 - Flow meters are supplied by the manufacturer calibrated and sealed. They are	<p>Issue is considered to be resolved, under the</p>


Draft report clarifications and corrective action requests by validation team	Ref. to checklist question in tables 1 and 2	Summary of project owner response	Validation team conclusion
<p>flow-meter which measures the amount of bio-gas produced is sealed and fully calibrated? This important for a proper monitoring of the project. During the on-site visits the validation team could not always identify a seal of an authorized company and not persuade itself of a fully calibrated flow-meter. AgCert shall explain what monitoring measures are to be taken in order to guarantee sealed and fully calibrated flow meters.</p> <p>AgCert should explain to the validation team how the proper monitoring will be in order to guarantee that each farm uses North American and/or European genetics. Is there any monitoring/verification done at AgCert that identifies changing in genetics in case they occur?</p>		<p>supplied with a certificate of calibration.</p> <p>As has been previously discussed, pork producers cannot sustain a profitable business without the use of North American and/or European genetic stock.</p>	<p>condition that the certificate of calibration will be presented to the verification team in the future and the seal of an authorized company may be identified during the on-site visits.</p> <p>☑</p>




Annex 2: Information Reference List

Final Report 2007-11-23	Validation of the “AWMS Methane Recovery Project BR06- S –22” in Minas Gerais, Brazil Information Reference List	Page1 of 3	 Industrie Service
-------------------------	---	------------	--

Reference No.	Document or Type of Information
1	<p>On-site interview at the office of Agcert in São Paulo with the project developer conducted June 2006 by auditing team of TÜV SÜD</p> <p>Validation team on-site: Sandro Marostica TÜV SÜD Industrie Service GmbH Wilson Roberto Tomao TÜV SÜD Industrie Service GmbH</p> <p>Interviewed persons: Miguel Gastão Agcert David Lawrence Agcert</p>
2	<p>On-site interview at the sites by auditing team of TÜV SÜD</p> <p>Validation team on-site: Johann Thaler TÜV SÜD Industrie Service GmbH</p> <p>Interviewed persons: Thursday, 06.07.2006 Granja do Barreirinho, contact: Henrique Franco Franca (manager) Tuesday, 11.07.2006 Fazenda Sao Paulo II, contact: Gilmar da Silva Rodrigues, Fernando Jose Ribeiro (manager) Thursday, 13.07.2006 Fazenda das Laranjeiras, contact: Manoel Lisardo Gomes/ Eliana Lisardo Piuzana (owner/manager)</p> <p>Geraldo de Oliveira Agcert</p>
3	Project Design Document (PDD) “AWMS Methane Recovery Project BR 06-S-22, Minas Gerais, Brazil”, AgCert International Ltd, June 2006, Version 1
4	Project Design Document (PDD) “AWMS Methane Recovery Project BR 06-S-22, Minas Gerais, Brazil”, AgCert International Ltd, December 20, 2006, version 3 – old and new format.
5	Carbon Contracts with each farm, pdf-files on TUV Support Documentation Portal,
6	Economic Analysis, Word file on CD, submitted July 2005.

Final Report 2007-11-23	Validation of the “AWMS Methane Recovery Project BR06- S –22” in Minas Gerais, Brazil Information Reference List	Page1 of 3	 Industrie Service
-------------------------	---	------------	--

Reference No.	Document or Type of Information
7	Farm Production Data of each farm, pdf-files on TUV Support Documentation Portal (confidential);
8	AWMS Technical Specifications, Word-files on CD, submitted July 2005.
9	Licenses and Permits, pdf-Files on TUV Support Documentation Portal,
10	Project Management, Responsibilities and Process flow, word-files on CD, submitted July 2005.
11	Technical specification of the PVC flexible film (biodigester cover) submitted May, 2005
12	Technical specification on flare unit, submitted May, 2005 (confidential)
13	Technical specification on biodigester, submitted May, 2005 (confidential)
14	Operations and Maintenance (O&M) Plan for AWMS Greenhouse Gas (GHG) Mitigation Projects, dated 23 May 2005 (confidential)
15	Monitoring Documentation “Method specification for small scale projects”, word file on TUV Support Documentation Portal, August 2006.
16	Document I020-2, QA Process-Product Audits from 11/05/03.
17	Document P025, Control of Measuring & Monitoring Devices (MMD) and document I031-5 Receiving Inspection from 19.02.04
18	Document I005-1, Corrective and Preventive Actions from 21.07.03.
19	AgCert Quality and Environmental Management System Handbook, August 2004
20	Pre-Assessment Checklist for ISO 9001/ISO14001 certification, issued by QMI
21	Flare Unit Service Specifications, submitted May, 2005 (confidential)
22	Gasflow Meter Service Specifications, submitted May, 2005 (confidential)
23	Post Construction Assessment, AgCert Form, May 2005, file on CD, submitted September 2005
24	Monthly Inventory Reporting, AgCert Form, pdf-file on CD, submitted September 2005
25	Monthly Monitoring Form, AgCert Form MS004-F2, pdf-file on CD, submitted September 2005
26	Weekly Monitoring Form, AgCert Form MS004-1F1, pdf-file on CD, submitted September 2005
27	Correspondence Stakeholder, Published invitations to Stakeholder Meeting in newspapers, emails and pdf-files on TUV Support Documentation Portal,
28	Minutes of the stakeholder meeting performed, on January 24, 2005 and December 7, 2005 in Belo Horizonte.

Final Report 2007-11-23	Validation of the “AWMS Methane Recovery Project BR06- S –22” in Minas Gerais, Brazil Information Reference List	Page1 of 3	 Industrie Service
-------------------------	---	------------	--

Reference No.	Document or Type of Information
29	Approved baseline methodology for small scale projects “III.D. Methane Recovery in agricultural and agroindustrial activities, version 11”.
30	Approved monitoring methodology for small scale projects “III.D. Methane Recovery in agricultural and agroindustrial activities, version 11”.
31	IPCC: Revised 2006 Guidelines for National Greenhouse Gas Inventories
32	IPCC: 2000, Good Practice Guidance
33	Validation and Verification Manual, IETA/World Bank (PCF), http://www.vvmanual.info
34	Project Design Document (PDD) “AWMS Methane Recovery Project BR 06-S-22, Minas Gerais, Brazil”, AgCert International Ltd, version 4