





Validation report form for post-registration changes for CDM project activities

(Version 02.0)

Complete this form in accordance with the instructions attached at the end of this form.

BASIC INFORMATION

Title and reference number of the project activity	Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia UNFCCC reference Number: 2467
Process track	<input type="checkbox"/> Prior approval <input type="checkbox"/> Issuance <input checked="" type="checkbox"/> Renewal of crediting period
Version number of the validation report on PRCs	02.1
Completion date of the validation report on PRCs	26/03/2018
Type(s) of PRCs	<input type="checkbox"/> Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines <input checked="" type="checkbox"/> Corrections <input type="checkbox"/> Changes to the start date of the crediting period <input type="checkbox"/> Inclusion of a monitoring plan <input checked="" type="checkbox"/> Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other applied standards or tools <input type="checkbox"/> Changes to the project design <input type="checkbox"/> Changes specific to afforestation and reforestation project activities
Version number of PDD to which this report applies	PDD version 20.5 dated 26/03/2018
Project participant(s)	KUB-Berjaya Enviro Sdn. Bhd. (KBE)
Host Party	Malaysia
Applied methodologies and standardized baselines	Applied methodology: ACM0001, Flaring or use of landfill gas, version 18.0 Not applicable for standardized baselines
Mandatory sectoral scopes linked to the	Sectoral scope 13: Waste handling and disposal

applied methodology	
Conditional sectoral scopes linked to the applied methodologies	Sectoral scope 1: Energy industries (renewable - / non-renewable sources)
Name and UNFCCC reference number of the DOE	 LGAI Technological Center, S.A. (Applus+ Certification) / E-0032
Name, position and signature of the approver of the validation report on PRCs	Applus+ Certification BU Managing Director: Juan Sendín Caballero 

SECTION A. Executive summary

LGAI Technological Center, S.A. (hereafter referred to as Applus+ LGAI) has been commissioned by KUB-Berjaya Enviro Sdn. Bhd. (KBE) to perform a validation of the renewal of crediting period of "Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia" (Ref. No. 2467) (hereinafter referred to as the project activity) in Malaysia. Since there is a post registration change taken place, the assessment team completed the validation report form for post-registration changes for CDM project activities together with the validation of renewal of crediting period.

The scope of the validation of the post registration change is defined as an independent and objective review of the post-registration changes occurred in the project activity according to the CDM VVS for project activities version 01.0. The validation opinion is finalized based on the assessment of the project design document through applying standard auditing techniques including but not limited to document reviews, follow up actions (e.g. telephone or e-mail interviews) and also the review of the applicable approved methodology and underlying formulae and calculations.

Before finalizing the validation report of the post registration change, the project activity has encountered several times of post registration change. Here is the history of the changes:

No.	Type of change	Change content	Date of approval by EB
1	Revision of monitoring plan	The revision is related to alternative measurement and handling of data during emergency conditions for methane content, flow meters and electricity meter.	09/05/2012
	Correction	The change is related to the internal use of power generated for the landfill operation was not successful and was not approved by the relevant authorities and the grid operator. This was due to technical constraints and deleted the onsite utilization from the PDD.	09/05/2012
2	Permanent changes from the monitoring plan or the monitoring methodology Changes to the project or programme design	PRC-2467-001. The change is related to the following: - Increase of power generation approximately 3MW and upload to the grid by year 2013 - Installation of an additional pipeline and flare system equipped with skid mounted LFG gas blower to handle any excess LFG captured which is expected to be commissioned at the beginning of year 2014	09/09/2013
3	Temporary deviation from the monitoring plan or the monitoring methodology	PRC-2467-002. The deviation is related to the usage of grid electricity by the gas engines 2 & 3 auxiliaries and gas supply system (GSS) are calculated since meter EL6 is not connected to capture the data.	11/09/2015
4	Permanent changes from the monitoring plan or the monitoring methodology	PRC-2467-003. The change is on non-implementation of Flare No.3.	12/11/2015

	Changes to the project or programme design		
5	Permanent changes from the monitoring plan or the monitoring methodology Changes to the project or programme design	PRC-2467-004. The change is related to the following: - Increase of power generation approximately 2MW and upload to the grid by year 2015; and - Included diesel generator as backup for project activities during the power failure of the grid.	15/11/2016

In above table, the post registration change PRC-2467-004 took place after the PP's notification of intention of renewal of crediting period. Before finalizing the validation report of the renewal of crediting period, the same change has been approved by EB dated 15/11/2016. Therefore, in the latest version of PDD, the change PRC-2467-004 has been described however the same will not be validated by the assessment team since the same change has already been validated by TÜV NORD CERT GMBH and approved by EB. In year 2017, before finalizing the validation report of the renewal of crediting period, there is another change occurred. The change is related to the shutdown of Flare No.1 and converting Flare No.1 to GSS F1. Gas engine No. 1 which was attached to Flare 2 previously has been converted to GSS F1. This is considered a permanent change from the monitoring plan in the PDD version 19.0, which illustrated the latest monitoring status of the project activity. This report is to validation the same change. As per paragraph 283 of CDM PCP for project activities version 01.0, the validation opinion for the post registration change is submitted together with the validation report of renewal of crediting period.

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

The report and the annexed validation checklist describe a total of 0 finding which include:

- 0 Corrective Action Requests (CARs);
- 0 Clarification Requests (CLs);
- 0 Forward Action Requests (FARs).

In summary, it is Applus+ LGAI's opinion that the project activity "Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia" (Ref. No. 2467) in Malaysia, as described in the PDD, version 20.3 dated 11/12/2017, meets all relevant UNFCCC requirements for the post registration change. Hence Applus+ LGAI submitted the request for post registration change of the project activity together with the request for renewal of crediting period to UNFCCC.

SECTION B. Validation team, technical reviewer and approver

B.1. Validation team member

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)	Involvement in			
						Desk review	On-site inspection	Interview(s)	Validation findings
1.	Team Leader	EI	Shen	Meng (Simon)	Applus+ LGAI Shanghai	x	x	x	x

B.2. Technical reviewer and approver of the validation report for RCP

No.	Role	Type of resource	Last name	First name	Affiliation (e.g. name of central or other office of DOE or outsourced entity)
1.	Technical reviewer	EI	Cortés	Miguel	Applus+ LGAI
2	Approver	IR	Caballero	Juan Sendín	Applus+ LGAI

SECTION C. Means of validation**C.1. Desk/document review**

The PDD version 14.0 dated 19/01/2016 for the 2nd crediting period which was submitted by the Client to EB for notifying the intention of renewal of crediting period was reviewed by the assessment team against the approved methodology and other relevant criteria to verify the correctness, credibility, and interpretation of the presented information.

During the desk review, the relevant documents, including the registered PDD, the updated PDD, the previous monitoring reports and corresponding verification reports for the 1st crediting period, the latest MoC, technical specifications of equipments and other relevant background documents were provided and assessed. The project description in the PDD for the renewable crediting period was verified from these documents. A complete list of all documents and evidence material reviewed is included in Appendix 3 to this report. The validation team could confirm the status of the project design, construction, operation and monitoring plan etc. And the baseline scenario information also can be confirmed as it was defined by the applied methodology ACM0001 version 18.0.

It should be noticed that, after the notification of the intention of renewal of crediting period, the PP applied the 4th post registration change (PRC-2467-004) which has been audited by TÜV NORD CERT GMBH and approved by EB dated 15/11/2016. The same change was included in the updated PDD version 19.0 and the same version of PDD has been made public available at UNFCCC website (<http://cdm.unfccc.int/Projects/DB/DNV-CUK1238680609.1/view>). The validation of the renewal of crediting period is completed dated in December 2017 which is later than the 4th post registration change, the PDD version 19.0 was also reviewed by the assessment team for keeping continuity (note that PDD version 19.0 was still for the 1st crediting period though it is later than PDD version 14.0). The PDD version 14.0 (completed for the 2nd crediting period) which was submitted by PP to UNFCCC for requesting the renewal of crediting period was considered as the original version for the validation. The relevant change (PRC-2467-004) was not validated by the assessment team this time since it has already been audited by TÜV NORD CERT GMBH and approved by EB. This validation report is for validation the post registration change occurred during the renewal of crediting period, which is related to the shutdown of Flare No.1 and converting Flare No.1 to GSS F1. Gas engine No. 1 which was attached to Flare 2 previously has been converted to GSS F1.

C.2. On-site inspection

The follow-up interviews through telephone, skype and email were held by the assessment team, which is focused on the issues identified during the desk review. The response from the representatives of the PP and the consultant were received to close the issued identified. Besides, the assessment team conducted site visit during 10-11 Dec. 2017 to confirm the project implementation status. The subject of site visit was listed as below:

Duration of on-site inspection: 10-11/12/2017					
No.	Activity performed		Site location	Date	Team member
1.	-	Implementation status of the project activity;	Bukit Tagar, Mukim Sg. Tinggi, Hulu Selangor District in	10-11/12/2017	Meng (Simon) Shen

	- Permanent change from the registered monitoring plan occurred during this monitoring period; - The compliance with revised PDD.	the State of Selangor, Malaysia		
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C.3. Interviews

No.	Interviewee			Date	Subject	Team member
	Last name	First name	Affiliation			
1.	Mohd Zain	Zainal Fikry B	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	10-11/12/2017	<ul style="list-style-type: none"> - Actual monitoring plan of the project activity; - The compliance of the revised PDD. 	Meng (Simon) Shen
2	Chen	Saw Ling	Eco-Ideal			
3	Chua	Ming Yin	Consulting Sdn Bhd			
4	Yong	Chen Kait				

C.4. Sampling approach

Not applicable.

C.5. Clarification requests (CLs), corrective action requests (CARs) and forward action requests (FARs) raised

Areas of validation findings	No. of CL	No. of CAR	No. of FAR
Compliance with PDD form	00	00	00
Temporary deviations from the registered monitoring plan, applied methodologies or applied standardized baselines	00	00	00
Corrections	00	00	00
Changes to the start date of the crediting period	00	00	00
Inclusion of a monitoring plan	00	00	00
Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other applied standards or tools	00	00	00
Changes to the project design	00	00	00
Changes specific to afforestation and reforestation project activities	00	00	00
Others (please specify)	00	00	00
Total	00	00	00

SECTION D. Validation findings**D.1. Compliance with PDD form**

Means of validation	<p>The assessment team has verified the format against the "PDD form" template to confirm whether the correct format of PDD form is used.</p> <p>The assessment team also confirmed the information transferred to the updated PDD against the original registered PDD to confirm whether the information transferred is materially the same.</p>
Findings	The latest version of Project Design Document form version 10.1 was applied in the final PDD as per CDM PS for project activities version 01.0. The assessment team confirmed the PDD template format is correctly applied.
Conclusion	In accordance with paragraph 280 of the CDM VVS for project activities version 01.0, the assessment team confirmed that the updated PDD complies with the applicable PDD form with version 10.1 and instructions therein for filling out the PDD. Information transferred to the later valid version of the PDD form is materially the same as that in the registered PDD.

D.2. Temporary deviations from the registered monitoring plan, monitoring methodology or standardized baseline

Means of validation	The post registration changes do not fall under this category.
Findings	The post registration changes do not fall under this category.
Conclusion	The post registration changes do not fall under this category.

D.3. Corrections

Means of validation	The assessment team has validated the correction to the project information as described in the registered PDD occurred during the renewal of crediting period applying standard auditing techniques in compliance with paragraph 287-289 of CDM VVS for project activities version 01.0.
Findings	<p>In section A.1 of the PDD version 19.0, it is stated that:</p> <p><i>The Bukit Tagar sanitary landfill occupies a 700 acres footprint and is surrounded by a buffer zone of 1000 hectares of palm oil plantations. The landfill has been in operation since 1 April 2005 and <u>is designed to receive up to an average of 3,000 tons of solid waste per day for at least 40 years.</u> To date, the landfill received on average of <u>2,000 tons of municipal solid waste (MSW) per day</u> from Kuala Lumpur City and the Selayang District in the State of Selangor.</i></p> <p>The above description has been corrected in the updated PDD version 20.5 as below (the underlined phrases have been corrected):</p> <p><i>The Bukit Tagar sanitary landfill occupies a 700 acres footprint and is surrounded by a buffer zone of 1000 hectares of palm oil plantations. The landfill has been in operation since 1 April 2005 and <u>the waste received is expected to increase yearly from 3,000 t/d up to 6,600 t/d over the 40 years designed lifespan.</u> To date, the landfill received on average of <u>2,300 tons of municipal solid waste (MSW) per day</u> from Kuala Lumpur City and the Selayang District in the State of Selangor.</i></p> <p>Clarification and assessment has been carried out on above correction and it can be confirmed that the average of 3,000 ton/day stated in the PDD version 19.0 in fact refers to the initial rate of waste expected to be received (refer to page 1 of the additional report for EIA). However, the waste received is expected to increase yearly from 3,000 t/d up to 6,600 t/d over the 40 years designed lifespan. The EIA report further noted that the 3,000 t/d is indicative and may increase due to various factors. Further checks on the approved Detailed Environmental Impact Assessment (DEIA) for proposed Bukit Tagar Landfill, Sungai Tinggi, Hulu Selangor, Selangor Darul Ehsan dated June 2004, page 5-9, confirmed that the landfill can tolerate a big range of actual waste to be received, in the range from 2,000 to 10,000 ton/day (refer to Detailed Environmental Impact Assessment (DEIA) for proposed Bukit Tagar Landfill, Sungai Tinggi, Hulu Selangor, Selangor Darul Ehsan dated June 2004). As a result, the assessment team confirmed that the table (refer page 98 of 113 of the revised PDD) providing the amount of waste received and projections at the landfill site up to 2023 with an average of 3,221 t/d is well within the designed capacity of the landfill site.</p> <p>As communicated with the project owner that the 3,000 ton/day indicated in the PDD version 19.0 was a very rough estimation. For avoiding confusion, in the revised PDD version 20.5, the description related to the MSW landfilling capacity has been correct in accordance with the approved Detailed Environmental Impact Assessment (DEIA) for proposed Bukit Tagar Landfill, Sungai Tinggi, Hulu Selangor, Selangor Darul Ehsan dated June 2004. As a result. The assessment team confirmed that the correction to the designed capacity during the lifespan of the MSW landfilling is an accurate reflection of the actual project information.</p>
Conclusion	In accordance with paragraph 287-289 of CDM VVS for project activities version 01.0, the assessment team confirmed that the correction to project information is an accurate reflection of actual project information. Also the assessment team confirmed that the correct project implementation information during 2 nd crediting period has been transferred to the revised PDD version 20.5. And the correction does not affect to the additionality and the compliance with the applied methodology.

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

Means of validation	The post registration changes do not fall under this category.
Findings	The post registration changes do not fall under this category.
Conclusion	The post registration changes do not fall under this category.

D.5. Inclusion of a monitoring plan

Means of validation	The post registration changes do not fall under this category.
Findings	The post registration changes do not fall under this category.
Conclusion	The post registration changes do not fall under this category.

D.6. Permanent changes to the registered monitoring plan, or permanent deviation of monitoring from the applied methodologies, standardized baselines, or other applied standards or tools

Means of validation	The assessment team has validated the permanent change from the registered monitoring plan occurred during the renewal of crediting period applying standard auditing techniques in compliance with paragraph 296-299 of CDM VVS for project activities version 01.0.
Findings	<p>In year 2016, two high temperature enclosed flares with maximum capacity of 2,500 Nm³/hr each are in operation while the remaining portion of the gas captured was sent to a unit of 1.2MW Gas Engine (Gas Engine No.1), 2 units of 1.56MW Gas Engines (Gas Engine No.2 and No.3) and one unit of 2MW Gas Engine (Gas Engine No.4) to generate electricity. The electricity produced by the gas engines is exported to the grid. However, on 03/01/2017, the Flaring system No.1 was stopped. A Gas Supply System F1 (GSS F1) was built instead of the original Flaring No.1. Gas engine No. 1 which was attached to Flare 2 previously has been converted to GSS F1.</p> <p>Before the change:</p> <p>After the change:</p>

	<p style="text-align: center;">Monitoring Plan for Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia</p> <p>Legend</p> <p>TT₁ – Temperature of landfill gas captured TT₂ – Temperature in exhaust gas from flare PT₂ – Pressure of landfill gas captured FT₁ – Flow rate of total gas captured FT₂ – Flow rate of total gas flared FT₃ – Flow rate of gas to gas engine No.1 FT₄ – Flow rate of gas to gas engine No.2 & 3 FT₅ – Flow rate of gas to gas engine No.4 CH₄ – Methane content in LFG</p> <p>Legend</p> <p>EL_{4,9} (EL1) – Electricity consumed by project activity from grid (flaring and 1MW gas engine) EL_{4,9} (EL6) – Electricity consumed by project activity from grid (flaring and 6MW gas engines) EL_{LFG} – Net electricity generated from LFG EL₄ – Gross electricity generated by 1MW gas engine EL₅ and check meter – Electricity generated from 1MW gas engine sold to TNB National Grid EL₉ and EL10 – Gross electricity generated by 3MW gas engines EL₁₁ and check meter – Electricity generated from 3MW gas engines sold to TNB National Grid EL₁₂ – Gross electricity generated by 2MW gas engine EL₁₃ and check meter – Electricity generated from 2MW gas engine sold to TNB National Grid t – Operating hours of gas engines</p> <p>The assessment team validated the same through review on the record of Flaring No.1 shut down and through site visit of the project activity. The pipeline of the LFG to Flaring No. 1 has been dismantled. And the pipeline has been connected to Gas Supply System F1 (GSS F1). The same has been confirmed by the assessment team during site visit. The revised monitoring plan described in the PDD reflected the real practice of the monitoring. The change of the monitoring plan is the subsequent activity of the design change PRC-2467-004, i.e. increase of power generation approximately 2MW and upload to the grid and including of diesel generator as backup.</p>
Conclusion	<p>In accordance with paragraph 296-299 of CDM VVS for project activities version 01.0, the assessment team confirmed that:</p> <ul style="list-style-type: none"> - The permanent change to the registered monitoring plan complies with the relevant requirements in the CDM PS for project activities version 01.0. - The permanent change to the registered monitoring plan described in the revised PDD are in compliance with the applied methodology ACM0001 version 18.0.0, and do not reduce the level of accuracy of the monitoring compared with the requirements contained in the registered monitoring plan. - The permanent change to the registered monitoring plan does not lead to a reduction in the accuracy of the calculation of GHG emission reductions. - The permanent changes comply with the relevant requirements related to the permanent changes to the registered monitoring plan.

D.7. Changes to the project design

Means of validation	The post registration changes do not fall under this category.
Findings	The post registration changes do not fall under this category.
Conclusion	The post registration changes do not fall under this category.

D.8. Types of changes specific to afforestation and reforestation project activities

Means of validation	The post registration changes do not fall under this category.
Findings	The post registration changes do not fall under this category.
Conclusion	The post registration changes do not fall under this category.

SECTION E. Internal quality control

As final step of a validation of the final documentation including the validation report and the checklist have to undergo an internal quality control by the technical review committee, i.e. each report has to be finally approved either by the head of the technical review committee or the deputy. In case one of these two persons is part of the assessment team approval can only be given by the other one to avoid any conflict of Interest.

After confirmation of the PP the validation opinion and relevant documents are submitted to the EB through the UNFCCC web-platform

SECTION F. Validation opinion

Applus+ LGAI has been commissioned by KUB-Berjaya Enviro Sdn. Bhd. (KBE) to perform a validation of the renewal of crediting period of "Landfill Gas Recovery and Utilization at Bukit Tagar Sanitary Landfill, Hulu Selangor in Malaysia" (Ref. No. 2467) (hereinafter referred to as the project activity) in Malaysia. Since there is a post registration change taken place, the assessment team completed the validation report form for post-registration changes for CDM project activities together with the validation of renewal of crediting period.

The review of the project design documentation and the subsequent follow-up interviews have provided Applus+ LGAI with sufficient evidence to determine the fulfilment of stated criteria. As a result of the validation, Applus+ LGAI confirmed that:

- The permanent change to the registered monitoring plan complies with the relevant requirements in the CDM PS for project activities version 01.0.
- The permanent change to the registered monitoring plan described in the revised PDD are in compliance with the applied methodology ACM0001 version 18.0.0, and do not reduce the level of accuracy of the monitoring compared with the requirements contained in the registered monitoring plan.
- The permanent change to the registered monitoring plan does not lead to a reduction in the accuracy of the calculation of GHG emission reductions.
- The permanent changes comply with the relevant requirements related to the permanent changes to the registered monitoring plan.

The validation has been performed following the requirements of the latest version of the CDM VVS for project activities version 01.0 and on the basis of the contractual agreement. In our opinion, the project meets all relevant UNFCCC requirements for the CDM and all relevant host country criteria. The request for approval of the post registration change will hence be recommended by Applus+ LGAI to the UNFCCC.

Role	Signature
Team Leader	Simon Shen 
Technical Reviewer	Miguel Cortés 
Approver	Juan Sendín 

Appendix 1. Abbreviations

Abbreviations	Full texts
ACM	Approved Consolidated Methodology
AM	Approved Methodology
AMS	Approved Methodology Small Scale
Applus+ LGAI	LGAI Technological Center, S.A. (Applus)
BM	Build Margin
CAR	Corrective Action Request
CDM	Clean Development Mechanism
CDM EB	CDM Executive Board
CER	Certified Emission Reduction
CL	Clarification Request
CM	Combined Margin
CMP	Conference of the Parties serving as the Meeting of the Parties to the Kyoto Protocol
CSPG	China South Power Grid
DNA	Designated National Authority
DOE	Designated Operational Entity
EF	Emission Factor
EIA	Environmental Impact Assessment
ER	Emission Reduction
FAR	Forward Action Request
FSR	Feasibility Study Report
GHG	greenhouse Gas(es)
IPCC	Intergovernmental Panel on Climate Change
IRL	Information Reference List
IRR	Internal Rate of Return
KP	Kyoto Protocol
MP	Monitoring Plan
NDRC	National Development and Reform Commission, the DNA of Malaysia
NGO	Non-Governmental Organization
OM	Operational Margin
PCP	Project Cycle Procedure
PDD	Project Design Document
PP	Project Participant
PS	Project Standard
UNFCCC	United Nations Framework Convention for Climate Change
VVS	Validation and Verification Standard

Appendix 2. Competence of team members and technical reviewers

The curricula vitae of the DOE's validation team members are provided below:

Mr. Meng (Simon) Shen (Master Degree in Thermal Energy Engineering, Bachelor Degree in Environmental Engineering) is a Lead Auditor appointed by Applus+ LGAI for the GHG project assessment. He is based in Shanghai. He has several years of work experience in environmental protection field. Before he joined Applus+ LGAI, he had been worked for TÜV SÜD as a GHG Validator/Verifier and ISO 9001/14001 Lead Auditor for 3.5 years.

Mr. Miguel Cortés holds a Bachelor Science Degree on Civil and Environmental Engineering, being specialized on Hydric Resources. He has worked as CDM and environmental consultant for different industries of multidisciplinary sectors world widely. Miguel counts with several years of CDM experience, working and being qualified as Lead Auditor and Technical Reviewer for different DOE's world widely. Furthermore, he has focused his professional CDM portfolio career within LATAM, developing projects in Argentina, Mexico, Panama, Colombia and Chile among others.

Appendix 3. Documents reviewed or referenced

No.	Author	Title	References to the document	Provider
/1/	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	Project Design Document version 14 Project Design Document version 20.5	19/01/2016 26/03/2018	Others
/2/	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	ER spreadsheet version 1		Others
/3/	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	Intention of renewing crediting period notification form CDM-RENN-FORM	20/01/2016	PP
/4/	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	Technical specification of gas engines GE 1, GE 2, GE 3		PP
/5/	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	Technical specification of gas engines GE 4		
/6/	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	Record of Flaring No. 1 shut down	03/01/2017	
/7/	KUB-Berjaya Enviro Sdn. Bhd. (KBE)	MoC	28/04/2017	PP
/8/	UNFCCC website	CDM validation and verification standard for project activities, version 01.0	03/03/2017	Others
/9/	UNFCCC website	CDM project cycle procedure for project activities, version 01.0	03/03/2017	Others
/10/	UNFCCC website	CDM project standard for project activities, version 01.0	03/03/2017	Others
/11/	UNFCCC website	Assessment of the validity of the original/current baseline and to update the baseline at the renewal of a crediting period version 03.0.1		Others
/12/	UNFCCC website	ACM0001 Flaring or use of landfill gas version 18.0	04/05/2017	Others
/13/	UNFCCC website	Tool to calculate the emission factor for an electricity system version 05.0.0		Others
/14/	UNFCCC website	Information on UNFCCC website http://cdm.unfccc.int/Projects/DB/DNV-CUK1238680609.1/view		Others
/15/	IPCC	2006 IPCC Guidelines for National Greenhouse Gas Inventories		Others
/16/	Perunding Utama SDN. BHD.	Detailed Environmental Impact Assessment for Proposed Bukit Tagar Landfill Sungai Tinggi, Hulu Selangor, Selangor Darul Ehsan	06/2004	PP

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

Table 1. CL from this validation

CL ID	None	Section no.	Date:
Description of CL			
Project participant response			Date:

Documentation provided by project participant	
DOE assessment	Date:

Table 2. CAR from this validation

CAR ID	None	Section no.		Date:
Description of CAR				
Project participant response				Date:
Documentation provided by project participant				
DOE assessment				Date:

Table 3. FAR from this validation

FAR ID	None	Section no.		Date: DD/MM/YYYY
Description of FAR				
Project participant response				Date: DD/MM/YYYY
Documentation provided by project participant				
DOE assessment				Date: DD/MM/YYYY

Document information

<i>Version</i>	<i>Date</i>	<i>Description</i>
01.0	23 March 2015	Initial publication.
Decision Class: Regulatory Document Type: Form Business Function: Registration Keywords: post-registration change, project activities, validation report		