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**3 August 2007**

Dear Members of the CDM Executive Board,

**Request for review – 0288 Sahabat Empty Fruit Bunch Biomass Project**

The following details are provided in response to the three Requests for Review for this project. We apologise for the delayed delivery of this response; every effort has been made to obtain further evidence.

*The monitoring plan in the PDD stated that “Periodic calibration of all flow meters and totalisers will occur in accordance with industry standards.” However, the project participant did not provide any calibration certificates. In response to that, the DOE accepted the project participant’s proposal of deduction or addition of maximum inaccuracy corresponding specifications of the instruments from the values of the parameters. Further clarification on how the DOE accepted the proposal which is not in accordance with the registered monitoring plan is required.*

As stated by the supplier, the instruments were calibrated at the commissioning stage of the project.

**Electricity meters** - For the electricity meter used for the gross generation, original calibration certificates were not retained by the project as at the time of installation, the project had not yet established the monitoring system and record keeping in place today.

In the absence of the calibration certificate, we consider the approach of considering the maximum error according to the accuracy of this type of instrument (EN62053 states 2% as the maximum inaccuracy for electricity meters) to be a suitable and conservative approach to take to avoid overstating the emission reduction.

The auxiliary electricity meter has just been replaced. The new meter comes with a Certificate of Conformity. The new meter has a Class 1 accuracy. The approach detailed above has also been applied to this meter.

**Diesel flow meter** – This type of meter has an adjustment screw for the selection of the fluid type. The meter accuracy is stated (as shown in original documentation) as 1%. Application of the maximum accuracy is considered as a conservative approach to the emission reduction calculation.

**Temperature** – the device used is a Resistance Temperature Device (RTD) Pt100. These are typically supplied with a Certificate of Conformity. The certificate states that the device meets the required accuracy standard for a Class A product (according to IEC751). At the time of installation, the project did not have an established monitoring system and is unable to provide the original Certificate of Conformity. A Class A RTD ranges from  $\pm 0.15^{\circ}\text{C}$  (at  $0^{\circ}\text{C}$ ) to  $\pm 0.55^{\circ}\text{C}$  (at  $200^{\circ}\text{C}$ ). The product data sheet for the temperature probe shows that the maximum drift is  $\leq 0.05\%$  per annum. Therefore, adjusting by a maximum inaccuracy of  $0.1^{\circ}\text{C}$  represents a conservative approach to the emission reduction calculation.

***2. Further clarification on why the project participant did not provide the required monitoring parameter for the consumption of EFB from January to May 2006 is required.***

The site did not monitor the consumption of EFB. During the early development of the project, different components of the project were assessed. The final choice of methodology and approach does not require the input of 'EFB consumed'. The data is not included in the calculations followed (in accordance with the methodology). As such, it has no impact on the final emission reduction.

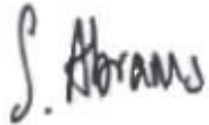
***3. The DOE identified that the diesel consumption data was not in line with the meter reading and that the consumption in February 2006 was zero. However, the project participant's response to this NIR in the verification report is unclear. Further clarification on how the DOE accepted the project participant's claim regarding zero diesel consumption in February 2006 and the inconsistency of the meter reading is required.***

The spreadsheet contains two columns for diesel. The first is the total diesel delivered to site. The second is the diesel used in the project i.e. the total diesel minus the supply to diesel generators that are outside of the project boundary. In Feb 2006, the usage is shown for the diesel generators. This consumption is outside of the project boundary. This was discussed during the verification site visit.

The inconsistency identified during the audit (a separate issue to the February 2006 data) results from the fact that there is a total supply figure and the split into CDM and diesel generator consumption. This was clarified during the verification site visit.

We hope that the comments above address the issues that have been raised. However, if there is any further information required, or revisions that should be made to the project documentation, we would be very happy to provide these. Steve Abrams (EcoSecurities Monitoring Manager) is the point of contact (+44 1865 296930).

Yours sincerely

A handwritten signature in black ink that reads "S. Abrams". The signature is written in a cursive style with a large initial "S" and a period following it.

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