



GOVERNMENT OF ANTIGUA AND BARBUDA

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20<sup>th</sup> February 2014

To:  
Mr. Peer Stiansen  
Chair  
CDM Executive Board  
Bonn, Germany

**Subject: Proposed standardized baseline applying measure 3, Methane Destruction**

Dear Mr. Stiansen,

On behalf of the Government of Antigua and Barbuda and its designated national authority (DNA), the Environment Division, I am pleased to provide this certification, which forms part of the submission of a proposed standardized baseline for Antigua and Barbuda. This submission has been developed by following the "*Guidelines for the establishment of sector specific standardized baselines*" (version 02.0, Annex 23, EB65).

The proposed standardized baseline applies measure 3 Methane Destruction of the mentioned guidelines. It focuses on the waste treatment sector.

This certification replaces the assessment report required by the "*Procedure for the submission and consideration of standardized baselines*", due to the fact that under measure 3 Methane Destruction no data collection, processing or analysis is required. The information required for this measure is to confirm the existence, or the lack of, any regulations in the country regarding the destruction of landfill gas (methane) including recovery, flaring, and use of landfill gas captured, at national, regional (sub-national), or local levels.

☒ OPTION 1 – By this means, I certify that Antigua and Barbuda does not have any regulation requiring the destruction of any quantity or percentage of landfill gas.

☐ OPTION 2 – By this means, I certify that the regulations require the destruction of ( ) of landfill gas in the country/province/region for which the regulations apply. The relevant regulation is ( ). This regulation, on its section ( ) paragraph ( ).

The relevant regulation is attached, as part of the submission of the proposed standardized baseline.



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The DNA of Antigua and Barbuda has followed and ensured compliance with the data quality objectives as described in the *"Guidelines for quality assurance and quality control of data used in the establishment of standardized baselines"* (Annex 49, EB66).

The data quality objectives have been met in the following manner:

1. **Relevance** – the DNA has included all legal requirements related to landfill gas capture and destruction or use in the country.
2. **Completeness** – the DNA has checked all national, regional and local regulations relating to waste management, landfill gas management, and related.
3. **Consistency** – the DNA has ensured that key concepts and scopes are consistently applied.
4. **Credibility** – the DNA has collected the information from the national, regional and local regulation databases, and relevant authorities in the country. The DNA provides the list of the confirming institutions that the information being provided is correct.
5. **Current** – the DNA has collected the most recent information available and completed the analysis of the country's national, regional and local regulations within *one year (2012)* before the submission of the proposed standardized baselines to the UNFCCC secretariat.
6. **Accuracy** – the DNA has cross-checked this information with the National Solid Waste Management Authority (NSWMA).
7. **Objectivity** – the DNA has cross-checked that there is no room for further interpretation on the legal requirements, and if any the interpretation is conducted in an impartial way.
8. **Conservativeness** – Not applicable if all the other data objectives are met.
9. **Security** – There was no confidential data collected during the development of the proposed standardized baseline.
10. **Transparency** – The proposed standardized baseline is made publicly available for comments, for a period of two weeks.
11. **Traceability** – All data sources are listed, and sufficient information included so that they can be verified easily by a third party.

The DNA provides the following information regarding the current situation of the waste sector in the country. Although this information is not required by the *"Procedure for the submission and consideration of standardized baselines"*, this information is provided to allow simplification of the proposed standardized baseline.

Waste type	Waste type exists?	Estimation on how much (ton or fraction) and what type waste is treated
Municipal solid waste currently being disposed in managed landfills (a managed landfill includes at least one of the following: (i) cover material; (ii) mechanical compacting; or (iii) levelling of the waste)	<i>Yes</i>	<i>Household - 20,918.78tonnes Industrial – 131.02tonnes Commercial – 8,670.56t Instit. – 420.86t Medical – 7.94t C &amp; D - 4,759.80t Clean Bulk – 2,167.04t</i>



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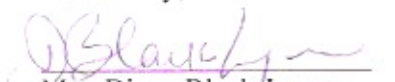
Waste type	Waste type exists?	Estimation on how much (ton or fraction) and what type waste is treated
		<i>Bulk Waste – 69,597.46t</i> <i>Cruise Ship – 310.50t</i> <i>Street Sweep -1648.96t</i> <i>Sewage – 13300.78t</i> <i>Tyres – 542.34t</i>
• MSW disposal in managed landfills with heat generation from LFG	<i>No</i>	<i>N/A</i>
• MSW disposal in managed landfills with power generation from LFG	<i>No</i>	<i>N/A</i>
• MSW disposal in managed landfills with cogeneration from LFG	<i>No</i>	<i>N/A</i>
Municipal solid waste currently being disposed in unmanaged landfills	<i>No</i>	<i>N/A</i>
Municipal solid waste currently being disposed in an uncontrolled manner in human settlement areas	<i>Yes</i>	<i>No Data Available</i>
Municipal solid waste currently being cleared using open burning, intentionally or unintentionally	<i>Yes</i>	<i>No Data Available</i>
Municipal solid waste currently being used to produce compost	<i>No</i>	<i>N/A</i>
Municipal solid waste currently incinerated with heat recovery	<i>No</i>	<i>N/A</i>
Recycling of organic waste (i.e. rag pickers recovering any organic waste)	<i>Yes</i>	<i>Wood chips (no data)</i> <i>Paper /Cardboard (no data)</i> <i>Other Biodegradable</i>

The DNA technical focal point, Ms Delamine Andrew is also ready to respond to any queries or doubts that you may have regarding this submission.

In this way, the Government of Antigua and Barbuda through the Environment Division, looks forward to the approval of the proposed standardized baseline, to facilitate development of this type of CDM project activities in the country.

Please receive the assurances of my highest considerations.

Yours truly,

  
 Mrs. Diann Black-Layne  
 Climate Change Ambassador  
 Chief Environment Officer