



Participant Data

Project Name:	North Country LFG Utilization Project
Owner Name:	CommonWealth Bethlehem Energy LLC
Period	Vintage Years 1998 to 2004
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MRV Protocol:	MRV CBE 2005 12

Summary

Based on its review, ERT has verified the information submitted by CommonWealth Bethlehem Energy LLC as being consistent with the attached monitoring, reporting, and verification (“MRV”) protocol. ERT has registered a total of 716,336 metric tons of CO₂ equivalent emission reductions, conditioned on the followings findings and adjustments.

Key Findings*

Project Boundaries & Dates:	The project boundaries are consistent with those described in the MRV protocol. The project dates associated with the emission reductions verified in this statement are 1 January 1998 through 31 December 2004.
Additionality & Leakage:	The emission reductions were verified to be additional, given existing regulatory requirements. No leakage of emissions outside the project boundaries was identified.
Baseline:	The baseline is unmitigated release of all methane.

Monitoring, Data Collection, & Methodology:	<p>In general, procedures were in keeping with the MRV protocol. The volumes of landfill gas collected from the Landfill, in standard cubic feet, are measured continuously on a real-time basis with an accumulating volumetric flow meter. Total flow over a given interval of time is determined by subtracting the totalizer reading at the end of the interval from the totalizer reading at the start of the interval. The operator of the Project reads the totalizer on approximately a weekly basis, and records the date and time of each reading. In addition, the data from the primary unit for flow meter measurements is recorded continuously on a circular chart recorder. Each chart has a week of data and is maintained in CBE records.</p> <p>Landfill gas flow data were consolidated and Methane content measurements were taken:</p> <ul style="list-style-type: none">- between once a week and every 10 days in years 1998 (42 readings);- once a month, at the end of each calendar month, in years 1999 and 2000 (12 readings);- approximately once a week in year 2001 (53 readings) and- between once a week and every 10 days in years 2002 (46 readings) 2003 (41 readings) and 2004 (44 readings). <p>The methane content readings ranged from 62.5(registered in 1998) to 32.5 (registered in 2001) percent methane in the 1999-2001 period and between 51.2 and 26.3 percent methane in the 2001 – 2004 period. The declining and lower than expected methane concentration starting in year 2002 was due to air infiltration . No gas leakage, though, is believed to have occurred beyond the point of measurement.</p> <p>The flare efficiency value was based on default value in EPA’s AP-42 volume.</p>
Quality Control, Reporting, Documentation, & Uncertainties:	<p>Quality control, reporting, and documentation procedures followed were in keeping with the MRV protocol.</p>

*Applicable to this verification statement versus entire project lifetime.

Incremental Account Adjustment

Valid as of: **31 December 2005**

Vintage Year(s):	1998	1999	2000	2001	2002	2003	2004
Registered reductions (metric tons of CO ₂ -equivalents):	48,826	74,895	114,507	114,478	110,796	121,401	131,433
ERT Serial Numbers:	119,252,269 to 119,301,094	119,301,095 to 119,375,989	119,375,990 to 119,490,496	119,490,497 to 119,604,974	119,604,975 to 119,715,770	119,745,771 to 119,837,171	119,837,172 to 119,968,604

Attachments/Exhibits

A	Calculation spreadsheet File: "CBE Calculations 31 Dec 2005"
B	Signed attestation statement
C	
D	

Special Notes

None

Disclaimer: While ERT believes that all allocations in its GHG RegistrySM result from a true and fair representation of participants' emissions performance, ERT assumes no liability for the allocations in the GHG RegistrySM or the uses to which they are put. Use of the GHG RegistrySM is governed under the terms and conditions of the GHG RegistrySM user agreement.

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