

Summary of Comments Received and Changes Made to the Draft Quantification Protocol for Methane Capture from the Anaerobic Treatment of Industrial Wastewater (October 2008).

October 31, 2008

Section and Page	Comment	Revision made
Protocol Scope- Pages 1-2	Linkage with the <i>Quantification Protocol for the Anaerobic Decomposition of Agricultural Materials</i> (Biogas Protocol) would be desirable.	Additional wording was added to clarify when the Biogas protocol and will overlap with this protocol and how project proponents with centralized digesters that treat wastewater or sludges may apply this protocol in conjunction with the Biogas Protocol.
Technical Issue #1- Flare Destruction Efficiency (Protocol Approach- page 3, Baseline Scenario- page 18, Table 2.4 page 34 (P19), page 44 (B7), Table 2.5- page 52)	Flare destruction efficiency- concern that actual open flare methane destruction efficiencies are lower than 95% value used in the protocol.	-A flexibility mechanism was added to allow project proponents to claim a lower flare destruction efficiency in the baseline provided that they have had the destruction efficiency of the flare validated by a third party engineer based on equipment specifications, combustion efficiency tests and operating records. -The relevant section of the baseline condition (pg 18) was re-worded for clarity. -In Table 2.4 (page 44) the wording for the baseline and project flare destruction efficiencies was updated and guidance from the US EPA on flare operating parameters (heating values and maximum exit velocities) was added to demonstrate how the project proponent could support expected flare efficiencies obtained from manufacturer's specifications.
Flexibility Mechanism #1 pg 7	The IPCC BOD to COD ratio used in the protocol may not reflect all types of wastewater in the food processing sector.	Wording was revised to clarify the use of BOD in place of COD in the protocol in appendix A. The project proponent can now provide monthly data from lab analyses for the BOD: COD ratio at the influent and effluent to the anaerobic system in place of the IPCC default value.
Flexibility Mechanism #2 pg 7	It would be helpful to clarify what is meant by the term significant modification	Wording was revised to give additional examples of changes that could be made to enhance biogas production.
Flexibility Mechanism #3 pg 7	Many wastewater treatment operators complete wastewater sampling of key parameters on a regular basis so protocol flexibility would be desirable to allow the use of site specific factors in place of the IPCC default.	Appendix A was revised to provide clarity on each of parameters used for SS B7 and when site specific values could be used in place of the default parameters, specifically related to B ₀ , BOD: COD ratio, MCF, depth factor, temperature factor and methane generation rate per unit of COD destructed.
Glossary page 7	The reference to Fixed Film Digesters may not be representative of AB industry practices	The reference to fixed film digesters was removed.

No further comments or objections were received following the revisions made after the Technical Review Session to the draft protocol.

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