

Plasco Non Incineration Thermal Waste Management
 Technical Review Session March 18th: Changes

Page	Comment	Change
i	There was some discussion around the definitions for bioenergy and biofuel. Definitions were determined to be appropriate as non biogenic emissions are addressed, however further clarity was recommended.	A Note to User was added: "Note that the biogenic and non-biogenic emissions associated with the use of the biofuel and bioenergy considered in the project condition under this protocol, are accounted for before the fuel is taken off-site. As such, this nomenclature is both appropriate and consistent with the definitions used in other Alberta Offset System protocols".
30	If project electricity usage is significant how is this accounted for? What if the project is using electricity from the grid and also producing electricity for the grid?	In B16, detail was added to ensure that projects take the net quantity of electricity in and out of the project site. This will ensure that projects are accounting for their net electricity generation minus any electricity use and will maintain environmental integrity.
5, 20	There was discussion about excluding the SS P6 for transportation of recyclables. Consensus was reached that the SS P6 be excluded on the basis of immateriality, and included under the third flexibility mechanism. It was also decided that all SS's for transportation which are excluded could be incorporated under the third flexibility mechanism.	This change was made to the third flexibility mechanism. Tables were adjusted accordingly to exclude P6 on the basis that emissions from transportation are immaterial. Equations for P6 were included in an appendix to provide project proponents with the equations if they chose to include this SS. The third flexibility mechanism was revised to apply to any transportation.
Throughout	For consistency under the SS B16 Electricity usage nomenclature should be adjusted to include both electricity generation and usage.	Naming of this SS was changed accordingly and tracked throughout the protocol document.

Appendix C, 39	Emission factors for propane should be added as it may be a fuel used.	Appendix C was updated to include emission factors for propane. Natural gas emission factors were also added as they were not included previously.
i	A Note to User should be included to explain why incineration is not considered as it is not appropriate given differences in resource use and higher energy values.	A Note to User was added: "Further, it should be noted that projects that involve incineration of waste are not covered under this protocol for quantifying the emissions from combustion. The resulting products (energy, emissions, etc.) from incineration are sufficiently different as to warrant the requirement for a separate protocol. Incineration does not produce a Biofuel; this is a key differentiator between incineration and the non-incineration thermal process covered by this protocol. However, this document may be appropriate as a seed document for other processes."
Appendix A, 35	Emission factors for landfills used in Appendix A should match the factors used in the Landfill Emission Protocol used for assessing the emissions from landfills. An alternative set of coefficients will be released shortly from Alberta to cover landfills, appropriately assessing their emissions.	Appendix A can be updated as deemed appropriate by Alberta Environment.