

Summary of updates to NT Government's Indigenous Community Engineering Guidelines (ICEG)

Date:	Sub section	Amendment detail
December 2017	Sewage treatment and discharge to the environment.	Explanatory information in section 4.3 has been updated and a new Appendix I "Discharge environment and notional treatment levels" added. The updated information is based on a literature review from Australian and overseas sources, monitoring results from four northern communities for 2012-17 period, and a sewage treatment pond model validation study (Ref 17) on three northern and two southern communities in 2017.
	Borefield	Changes made to N-1 bore capacity.
	Appendix A	Actual water demand data (AD) added for 2016/17 year.
April 2017	Appendix A (Abridged) and Appendix A	Population figures updated from Australian Bureau of Statistics, customised report, 2016.
	Appendix A	Actual water demand data (AD) added for 2015/16 year.
	Sewerage	Appendix G – Design minimum grades; transition guideline from 1% to 0.55% added. Additional information provided on minimum grades for sanitary house drains. Appendix H – CED information sheet updated
September 2016	Appendix A (Abridged) and Appendix A	Population figures updated from Australian Bureau of Statistics, customised report, 2015.
April 2016	Appendix A	Actual water demand data (AD) added for 2013/14 and 2014/15 years.
October 2015	Water consumer demand	Water ET Values Changes made to ET values in Appendix D for health centres, police stations and swimming pools based on an assessment of NT remote community water consumption data. The assessment (Ref 7) focussed on six of the largest non-residential categories. Previous to this all ET guideline values were solely based on NSW Water Directorate water consumption data.
	Sewer flow and reticulation	Transition to design minimum grade Additional information relating to self-cleansing has been added to these sub sections: peak dry weather flow, minimum sewer grade and Appendix G. Information was based on a review of sewer design for self-cleansing in NT remote communities (Ref 12) which considered: theoretical shear stress

		models, guidelines from other states, and performance of existing flat grade sewers on NT remote communities.
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ICEG (2014) was officially released on a NT Government website in June 2015.