Wastewater Handling

Reporting in India's TNC		2019 India Calculation worksheet (Gg)	Software (Gg)	Observations
Domestic Wastewater	CH4 (Assess A&N Islands only)	0.12	0.12	- Worksheets indicate "I" = 1 from 2015 onwards, but does not appear so in calculations - MCF = country specific values- to be described in the NID (how they were developed and why) - degree of utilization >1 - missing Degree of utilization of treatment or discharge pathways (e..g for A&N Islands, .14% is urban high income and .46% is low income, but no data on degree of utilization. - India appears to use some country specific values (MCF, BOD, fractions of urban population, and sludge removed), and some of these defaults are based on India in 2006 GL. This may all be reasonable, but should have a clear reference for assumptions.
	N2O (Assess and A&N Islands and Andhra Pradesh)	0.01 3.70	0.01 3.62	- Double counting N2O from treatment plants? - Emissions from wastewater treatment plants close but not exact (Software = 80,922 worksheets = 81,453) - Neffluent was close but not exact (Software = 1,865,328, worksheets = 1,865,712)

Wastewater Handling

Reporting in India's TNC		2019 India Calculation worksheet (Gg)	Software (Gg)	Observations
Industrial Wastewater	CH4 (Assess A&N Islands only)	335.69	335.69	- The worksheets do not indicate the treatment system - there is a single MCF for each industry, assuming all follow the same (unidentified) treatment pathway. Provide additional stratification in worksheets? - Recovery needs a separate column- quantity - Sludge removed here 10% - provide references for assumptions?
	N2O	Not estimated		- Methodological information included only in 2019 Refinement, which is not required.

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