

**Fate of Organohalogens in U.S. Wastewater Treatment Plants and Estimated
Chemical Releases to Soils Nationwide from Biosolids Recycling**

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8 Pages

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Supplemental Information

Table S-1. Method recoveries and method detection limits for the various analytes.

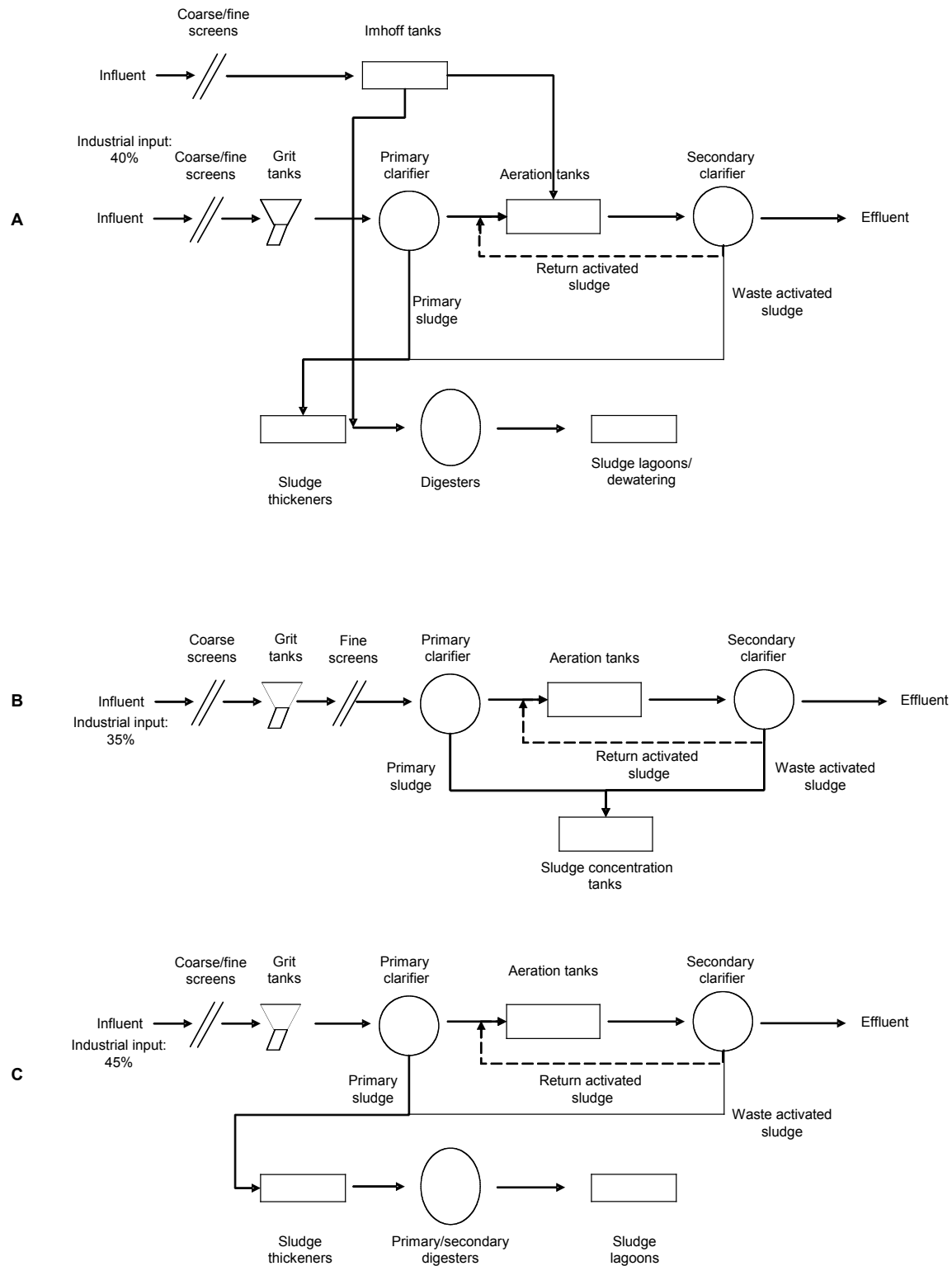
Compound	Recovery (% \pm SD)			Method Detection Limit (ppb)			Limit of Quantification (pg)	Calibration internal or external (R ²)
	Influent	Effluent	Sludge	Influent*	Effluent*	Sludge		
Carbanilide	77 \pm 4	94 \pm 18	42 \pm 12	0.02	0.01	1.3	0.1	0.997
DCC	66 \pm 16	112 \pm 15	69 \pm 19	0.05	0.01	0.9	0.1	0.997
Dichlorophene	66 \pm 8	142 \pm 44	47 \pm 15	0.04	0.03	0.5	0.1	0.998
Diflubenzuron	89 \pm 17	184 \pm 12	60 \pm 15	0.32	0.01	0.4	5	0.997
Fipronil	112 \pm 4	165 \pm 22	53 \pm 10	0.02	0.01	0.4	0.1	0.999
Linuron	108 \pm 22	100 \pm 26	N/A	0.12	0.03	N/A	0.5	0.995
Hexachlorophene	54 \pm 6	16 \pm 1	8 \pm 6	0.06	0.02	0.2	0.5	0.995
Hexaflumuron	54 \pm 17	39 \pm 9	69 \pm 13	0.11	0.02	0.6	1	0.997
TCC	81 \pm 35	39 \pm 3	91 \pm 8 ¹	0.1	0.01	3.9	25	0.998
TCS	58 \pm 17	57 \pm 17	78 \pm 14 ²	0.25 ²	0.02 ²	1.0 ²	25	0.998
TetCC	46 \pm 7	37 \pm 15	73 \pm 20	0.04	0.02	1.1	0.1	0.996

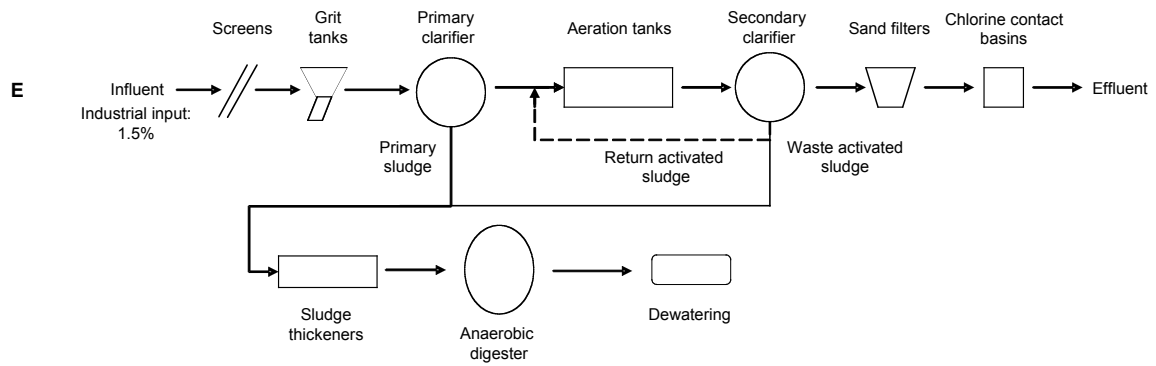
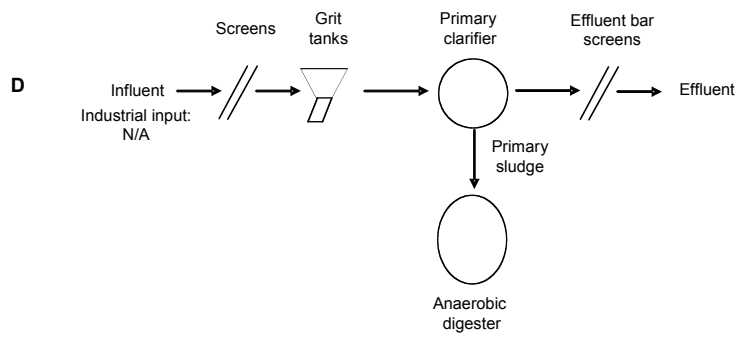
* Italics indicates calculated data

¹ taken from Heidler, J.; Sapkota, A.; Halden, R. U. Partitioning, persistence, and accumulation in digested sludge of the topical antiseptic triclocarban during wastewater treatment. Environ. Sci. Technol. 2006, 40, 3634-3639.

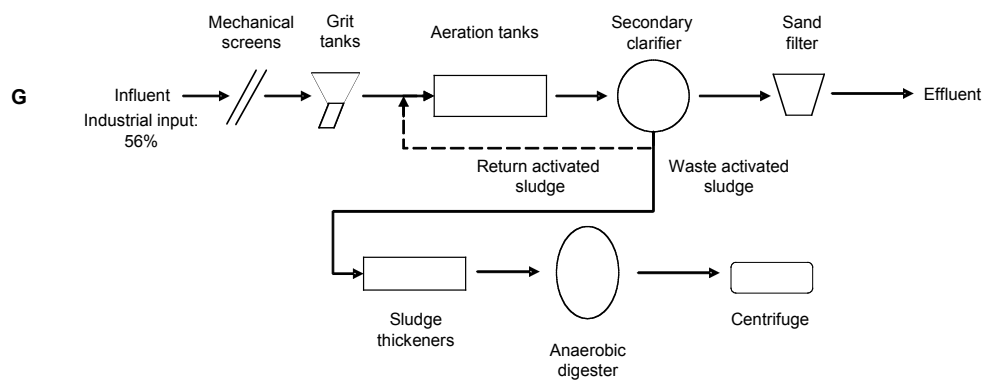
² taken from Heidler, J.; Halden, R. U. Mass balance assessment of triclosan removal during conventional sewage treatment. Chemosphere. 2007, 66, 362-369.

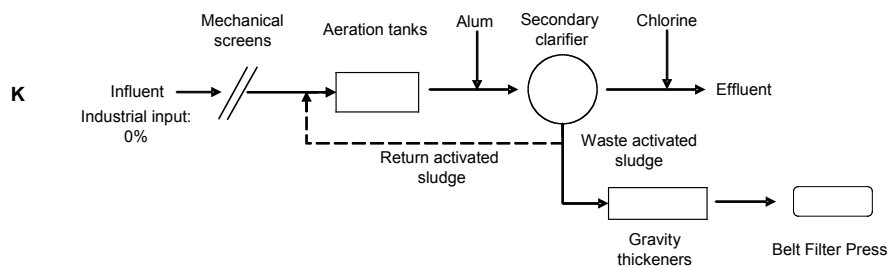
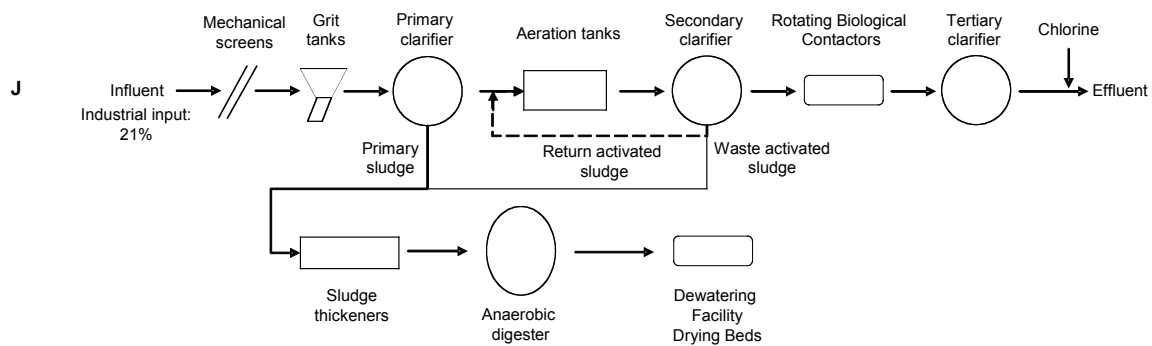
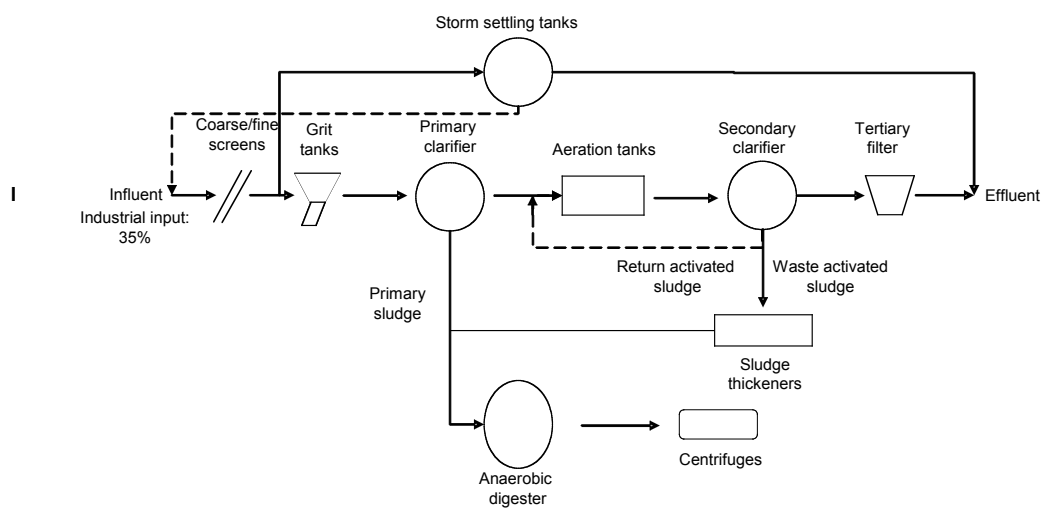
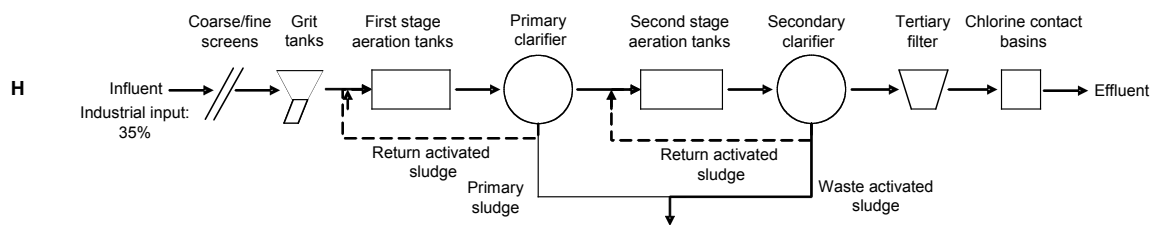
Figure S-1. Treatment trains of wastewater treatment plants participating in this study.

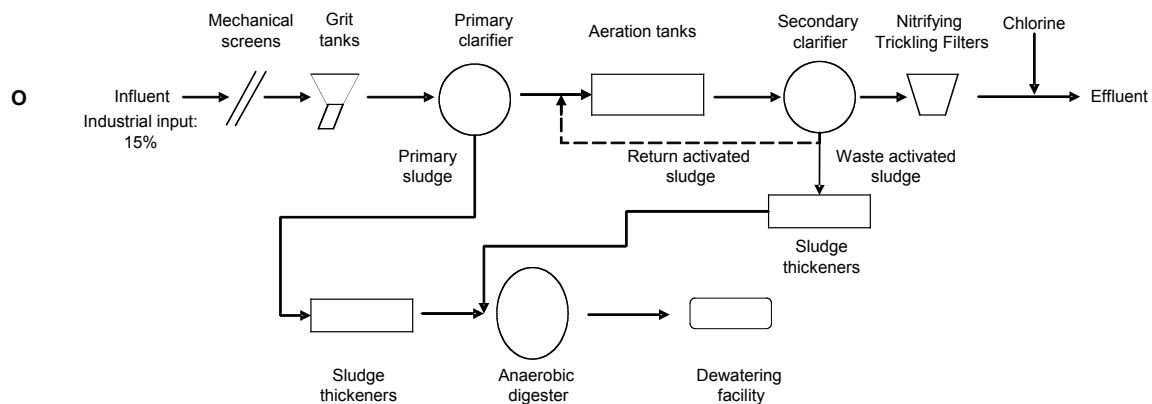
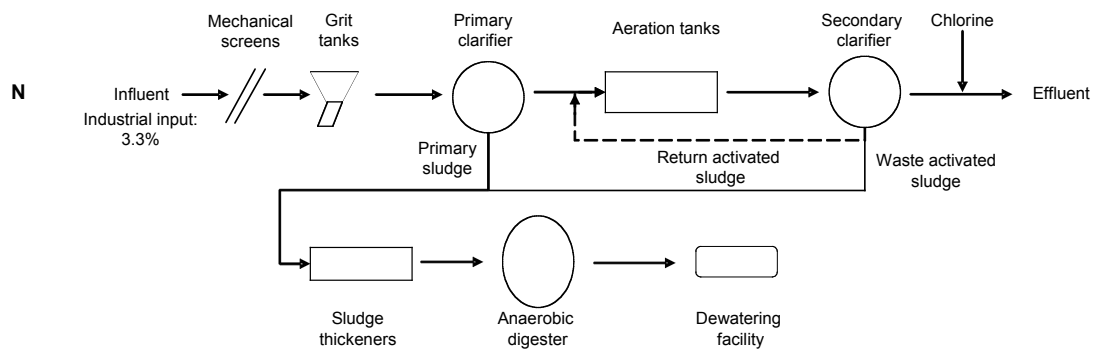
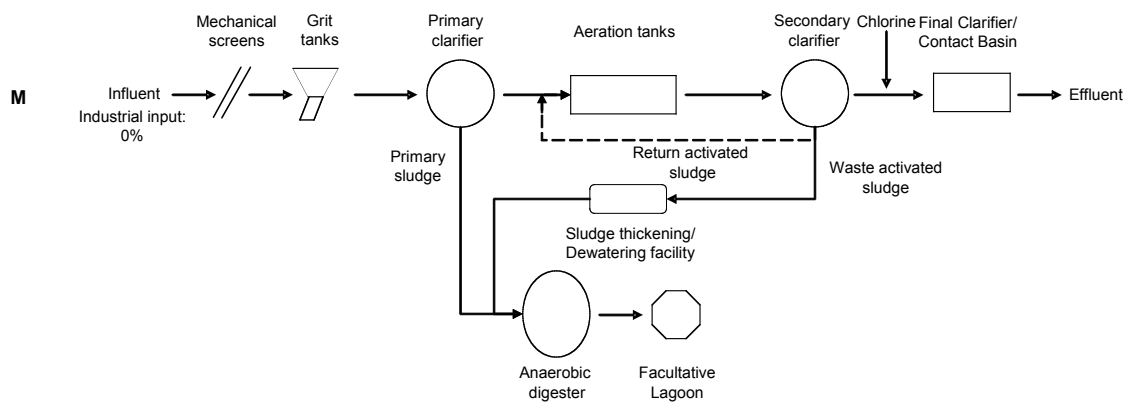
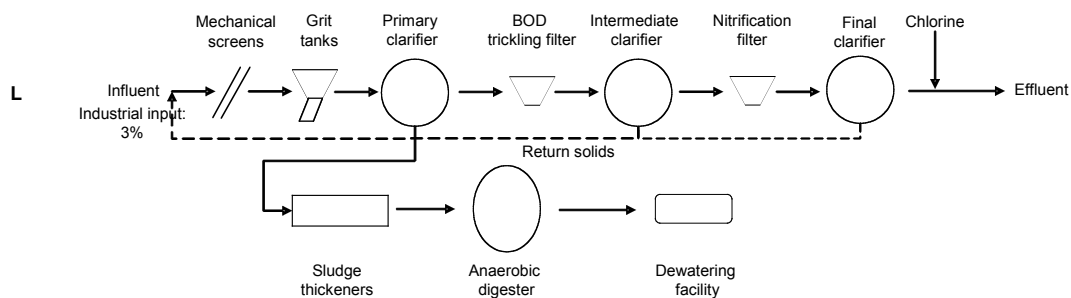


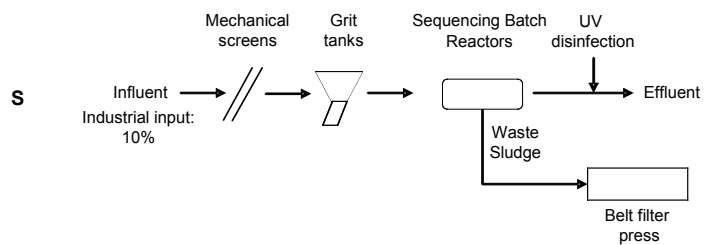
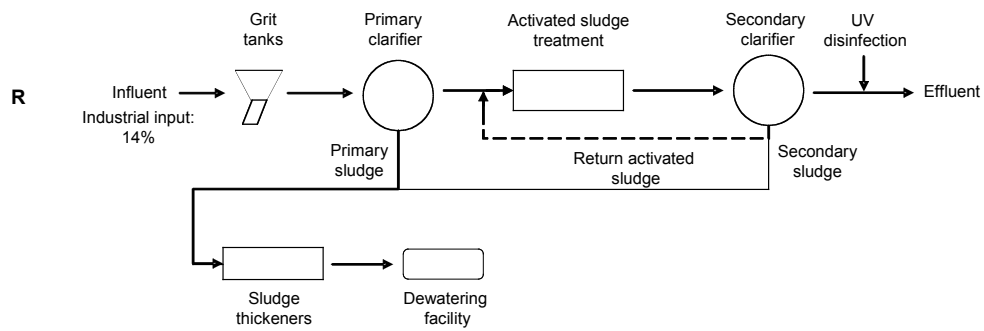
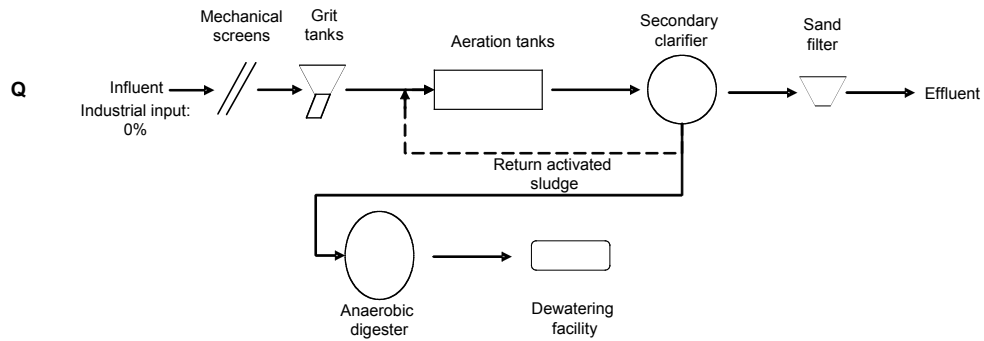
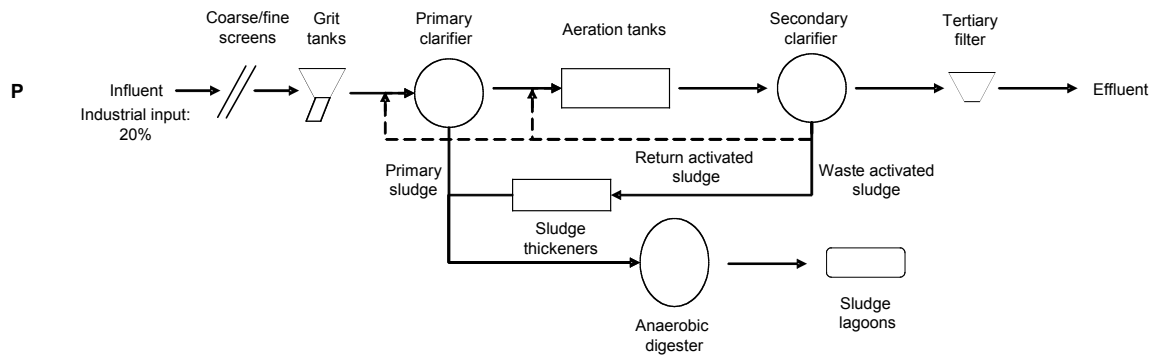


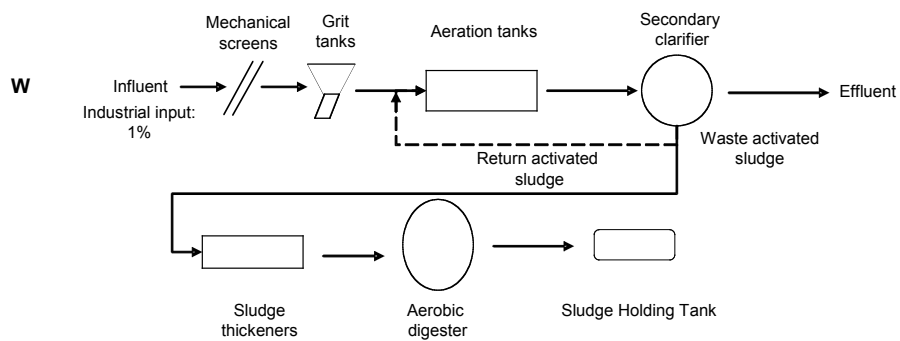
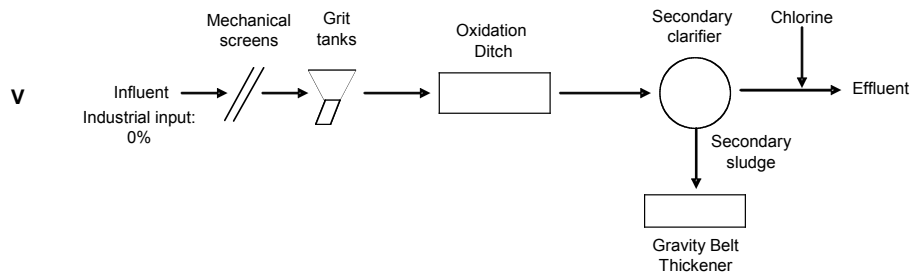
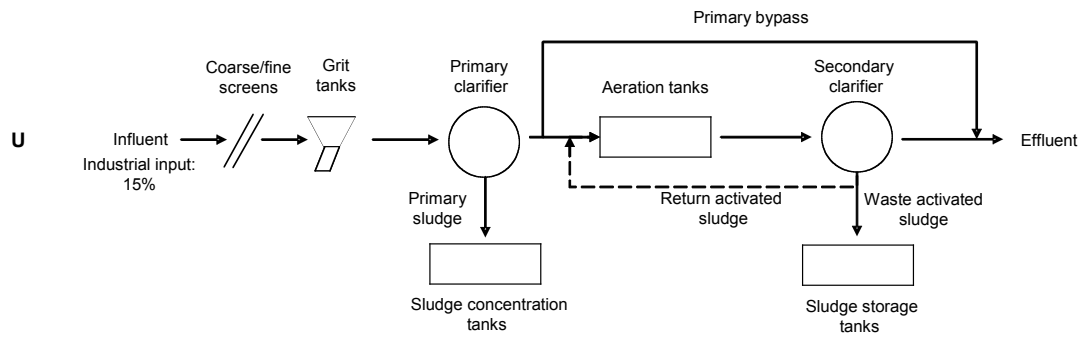
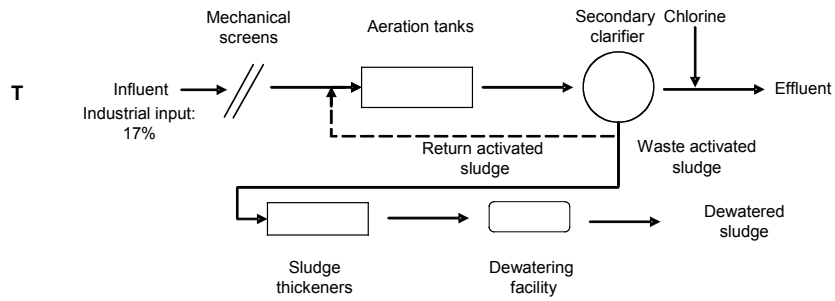
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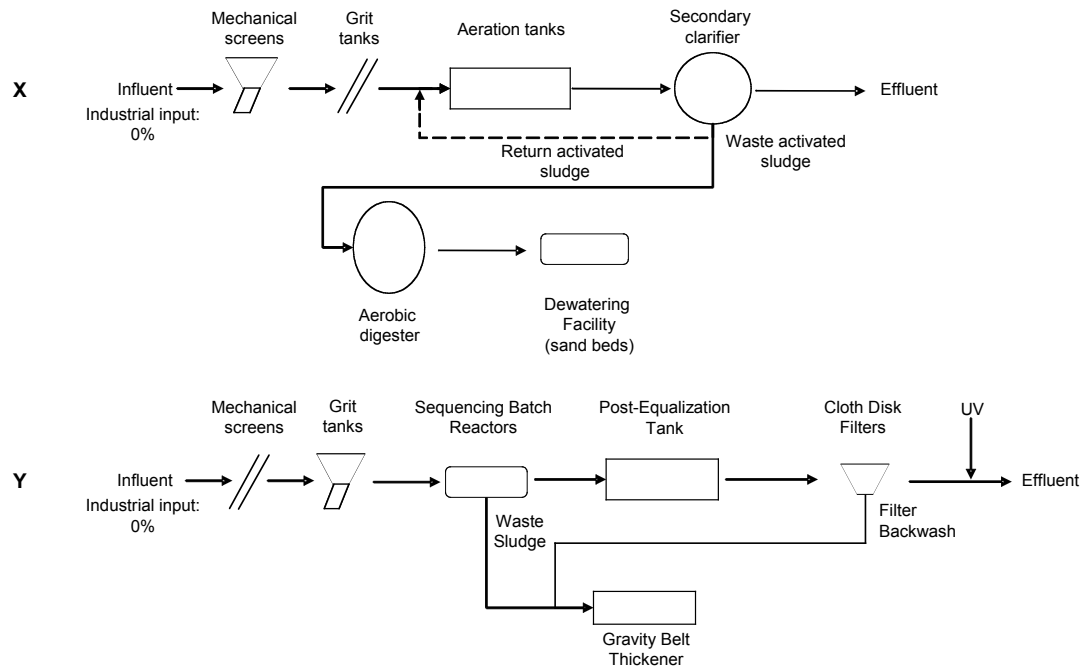












(N/A, undisclosed)