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VITA

The author, Channarong Rukkulchon, was born on April 10, 1945 in Nakornpathom, Thailand. He received a Bachelor's Degree of Engineering in Industrial Plant Engineering from Chulalongkorn University in 1969.

After working with the Factory Control Division, the Ministry of Industry for one year, he had been granted a year's leave to further his study at the Sanitary Engineering Department, Chulalongkorn University and he obtained a Graduate Diploma in Sanitary Engineering in 1971. In the following year, he was admitted as a Master Degree Student. At the time of writing this thesis, he is still serving as a government official of the Factory Control Division, the Ministry of Industry.

APPENDIX :

Table A - 1 Data obtained from the experiments, bulking is likely to occur

Time in days	Temp °C	D.O mg/L	C O D mg/L	B O D mg/L	SS mg/L
1	27	0.3	4736	2681	178
2	28	0.5	4210	-	481
3	28	0.6	3651	-	614
4	29	0.6	3401	-	608
5	28	0.8	2347	-	549
6	30	1.2	1536	-	382
7	30	2.0	916	-	249
8	29	3.1	384	-	141
9	30	4.2	198	110	97

NO₃ at first day is about 240 ppm.

Table A - 2 Data obtained from the experiments, bulking
is likely to occur

Time in days	Temp °C	DO mg/L	C O D mg/L	B O D mg/L	SS mg/L
1	32	0.4	7118	3899	314
2	31	0.5	6331	-	554
3	32	0.5	4986	-	775
4	32	0.5	4079	-	812
5	31	0.6	3617	-	801
6	30	0.6	3195	-	768
7	31	1.0	2166	-	580
8	30	1.8	1181	-	421
9	29	3.1	630	-	276
10	30	4.5	420	246	197

NO₃ at first day is about 336 ppm.

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