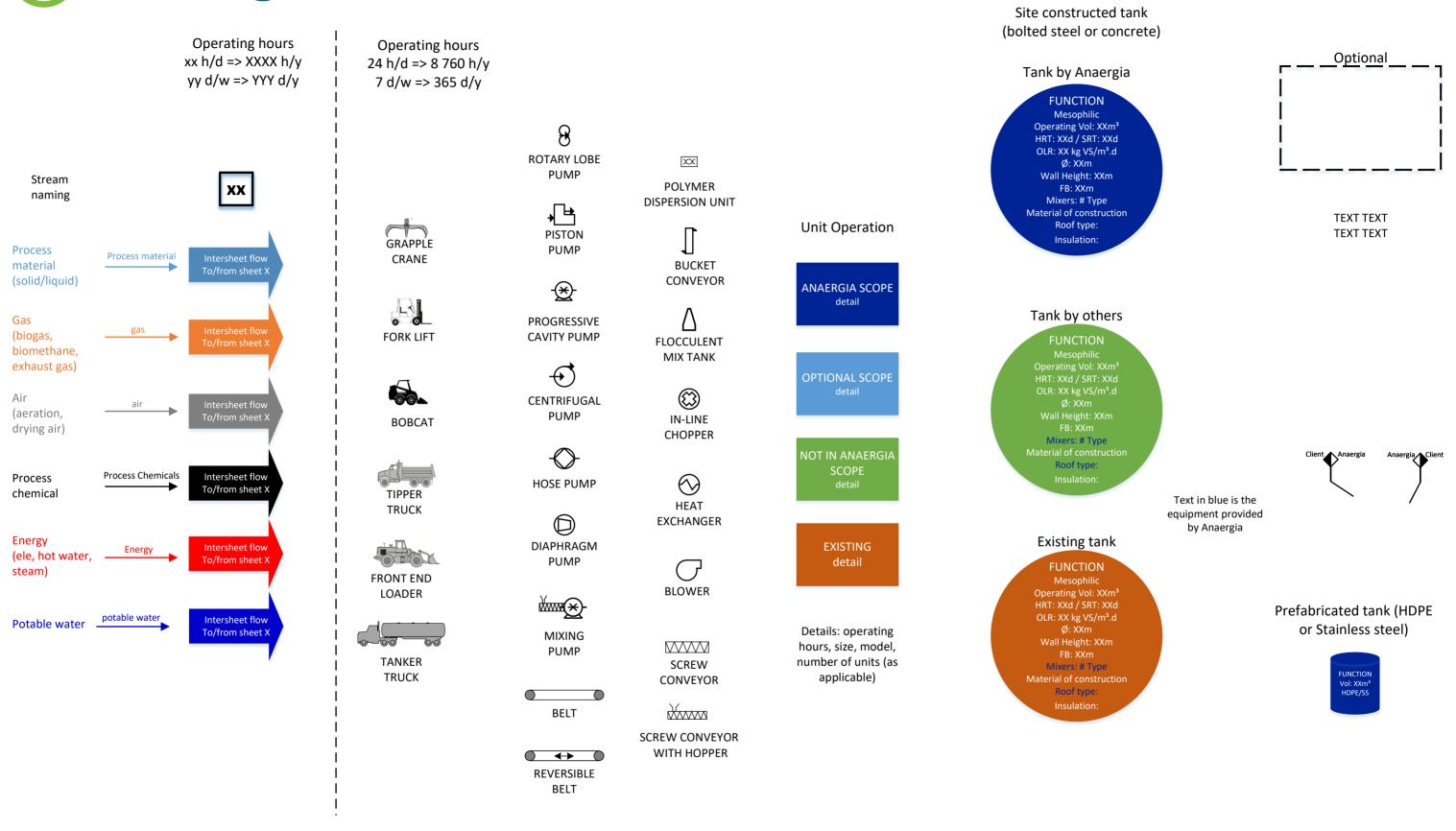


ANAERGIA BFD LEGEND



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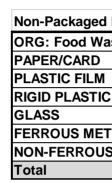
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Packaged Food Waste		
ORG: Food Waste	95.0%	26 942
PAPER/CARD	1.5%	425
PLASTIC FILM	1.0%	284
RIGID PLASTIC	1.0%	284
GLASS	1.0%	284
FERROUS METAL	0.40%	113
NON-FERROUS METAL	0.10%	28
Total		28 360



Waste Definition				d/y	h/d	d/w	h/y	Input:	Combined Solid Food Waste
				350	14	7	4 900	t/y	42 540
	Input								
	Composition	FM	FM	FM	TS	TS	VS	VS	VS Fraction
		[t/y]	[t/d]	[t/h]	[%]	[t/y]	[%]	[t/y]	[%]
ORG: Food Waste	96.3%	40 980	117	8.4	30.0%	12 294	92.0%	11 311	98.6%
PAPER/CARD	1.0%	425	1	0.1	50.0%	213	75.0%	160	1.4%
PLASTIC FILM	1.0%	425	1	0.1	50.0%	213	0.0%	0	0.0%
RIGID PLASTIC	0.7%	284	1	0.1	50.0%	142	0.0%	0	0.0%
GLASS	0.7%	284	1	0.1	95.0%	269	0.0%	0	0.0%
FERROUS METAL	0.3%	113	0	0.0	95.0%	108	0.0%	0	0.0%
NON-FERROUS METAL	0.1%	28	0	0.0	95.0%	27	0.0%	0	0.0%
Total waste INPUT	100.00%	42 540	122	8.7	31.2%	13 265	86.5%	11 470	100.0%

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Rev 0	07/02/2022	APt			First issue of Phase 2
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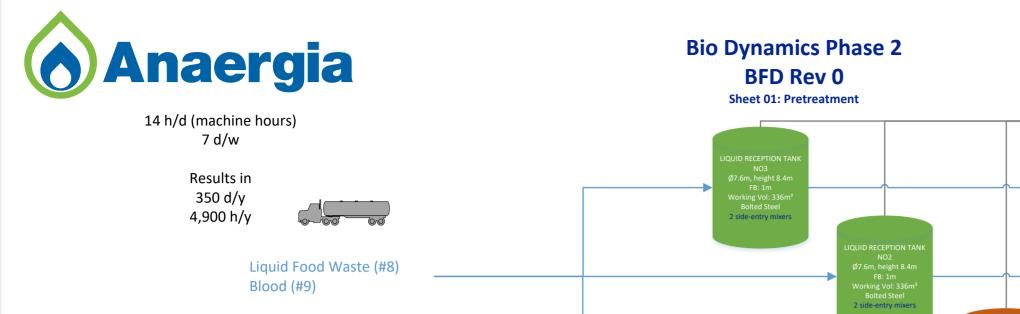
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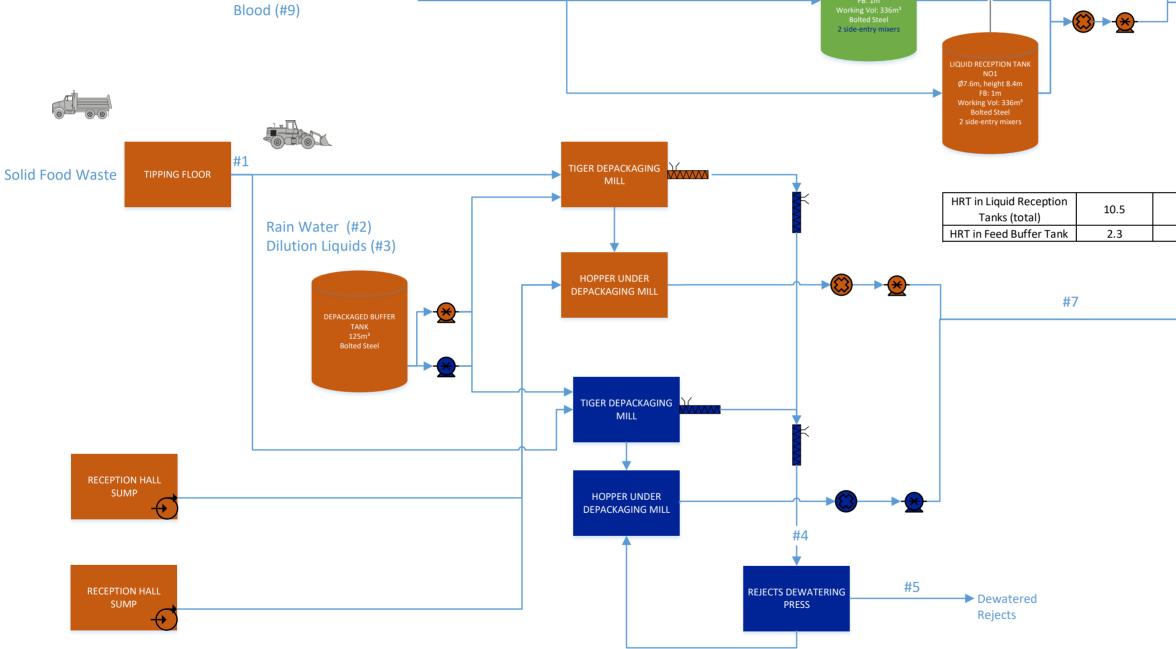
Food Wa	aste	
aste	99.0%	14 038
	0.0%	0
	1.0%	142
;	0.0%	0
	0.0%	0
ΓAL	0.00%	0
S METAL	0.00%	0
		14 180

Drawing Name: Phase 2 BFD Project: Bio Dynamic, Nottingham



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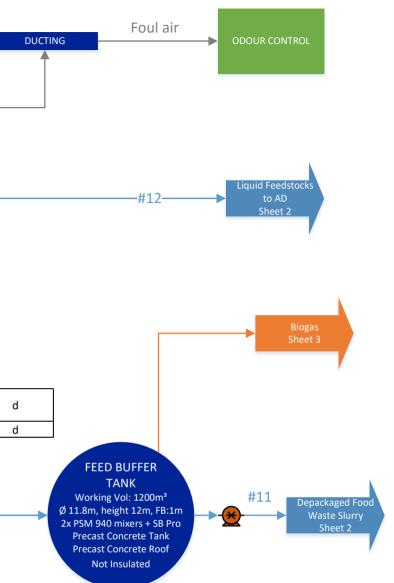
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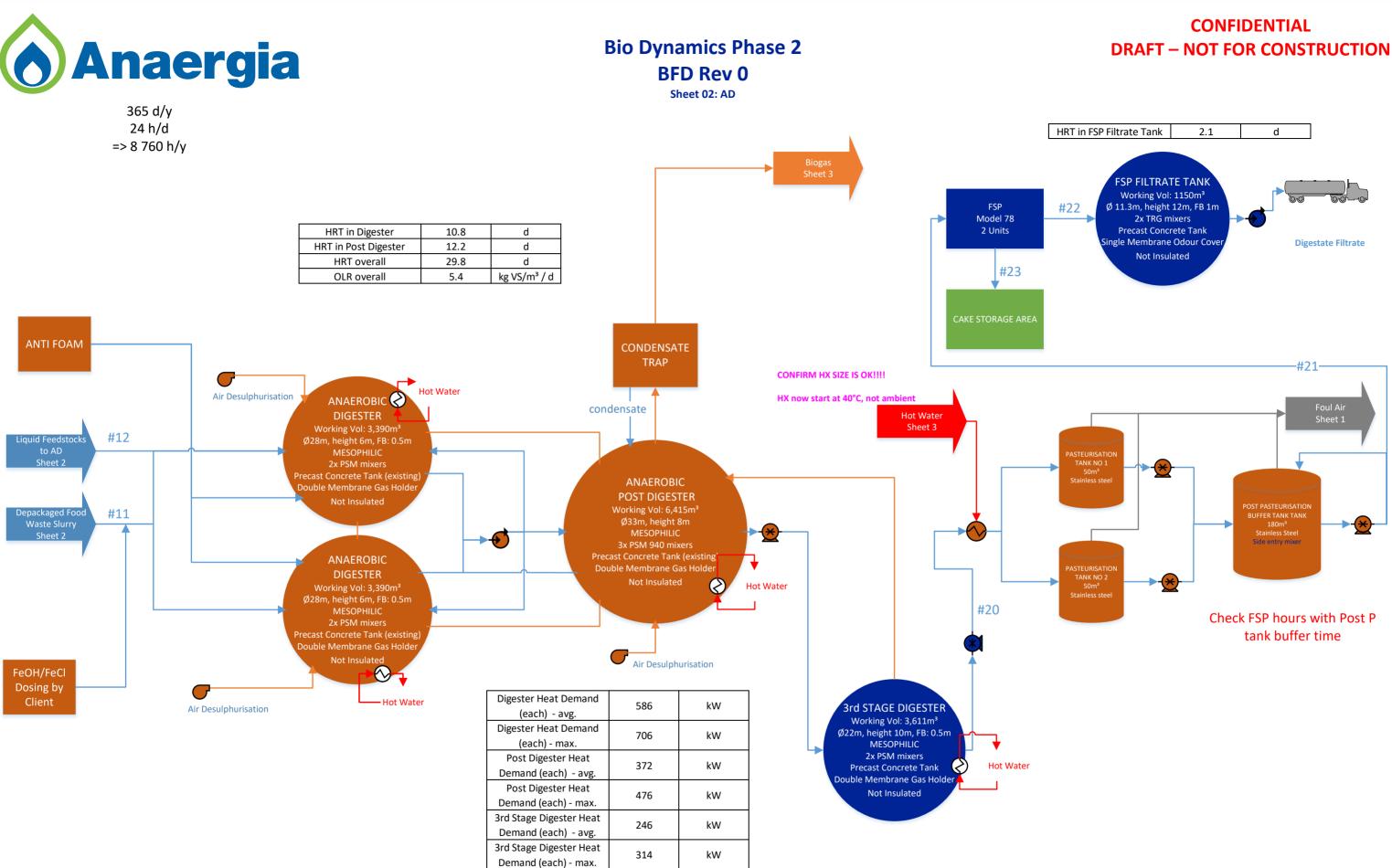


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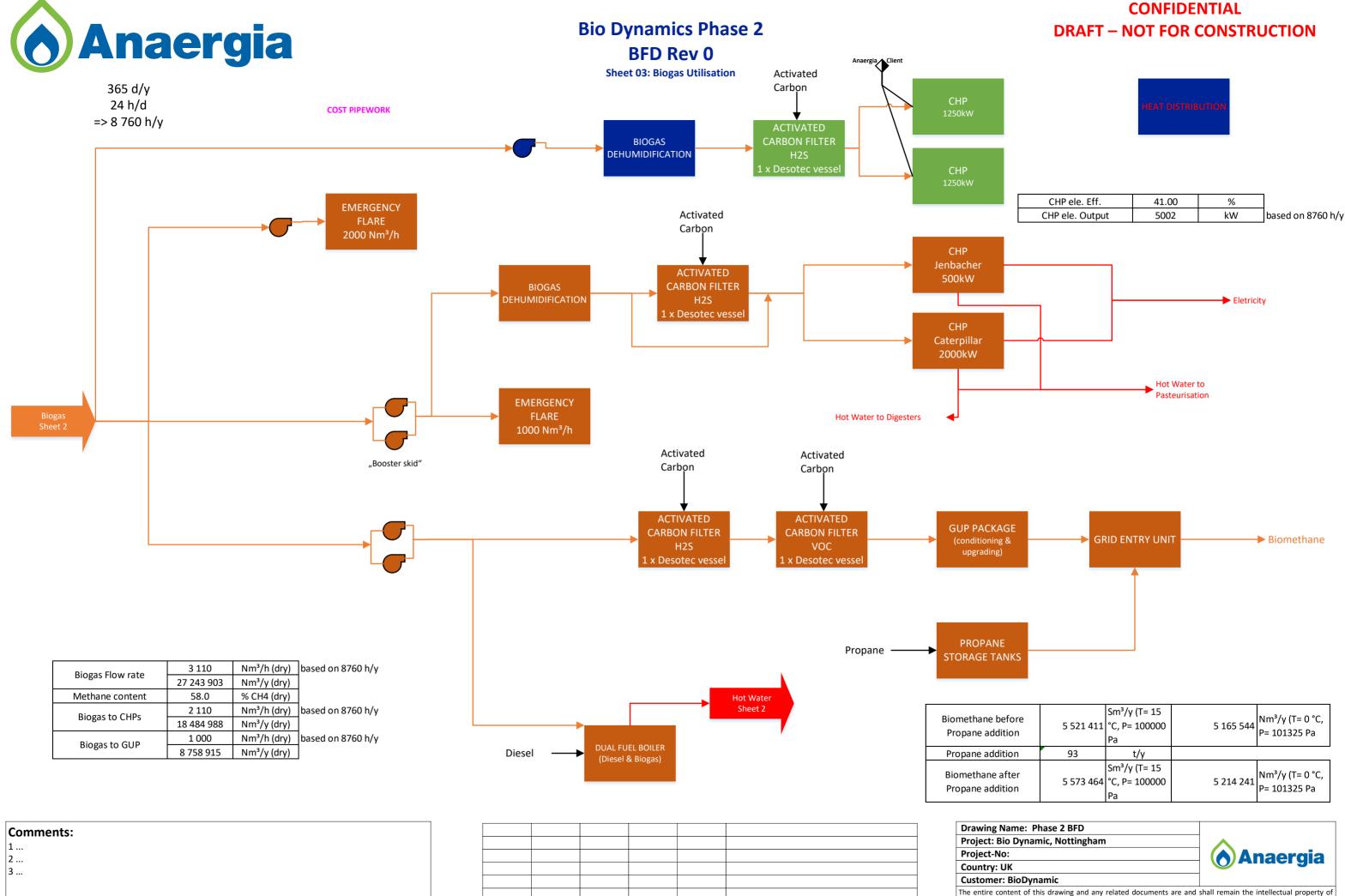
Project-No: Country: UK Customer: BioDynamic

Drawing Name: Phase 2 BFD Project: Bio Dynamic, Nottingham





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n	93	t/y		
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Bio Dynamics Phase 2 BFD Rev 0 Sheet 04: Streams

Handle	#1	#2	#3	#4	#8	#9	#11	#12	#20	#21	#22	#23
Stream name	Solid Food Waste	Rain Water	Dilution Liquids	Depackaging Rejects	Liquid Food waste	Blood	Feed Blend to Digestion	Combined Liquid Feedstocks	Digestate	Plastic Removal Screen Input	Screened Digestate	Screenings Removed
Operating days [d/y]	350	350	0	350	350	0	365	365	351	351	351	351
Operating hours [h/d]	14	14	0	14	14	0	24	24	24	12	12	12
Flow [t/y]	114 750	87 113	0	17 633	35 026	0	192 943	35 026	192 658	192 658	190 549	2 109
Flow [t/d]	328	249	0	50	100	0	529	96	549	549	543	6
Flow [t/h]	23.4	17.8	0.0	3.6	7.1	0.0	22.0	4.0	22.9	45.7	45.2	0.5
TS [%]	31.2%	0.0%	0.0%	24.9%	15.0%	10.0%	16.7%	15.0%	2.9%	2.9%	2.6%	27.0%

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Project: Bio Dynamic, Nottingham



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