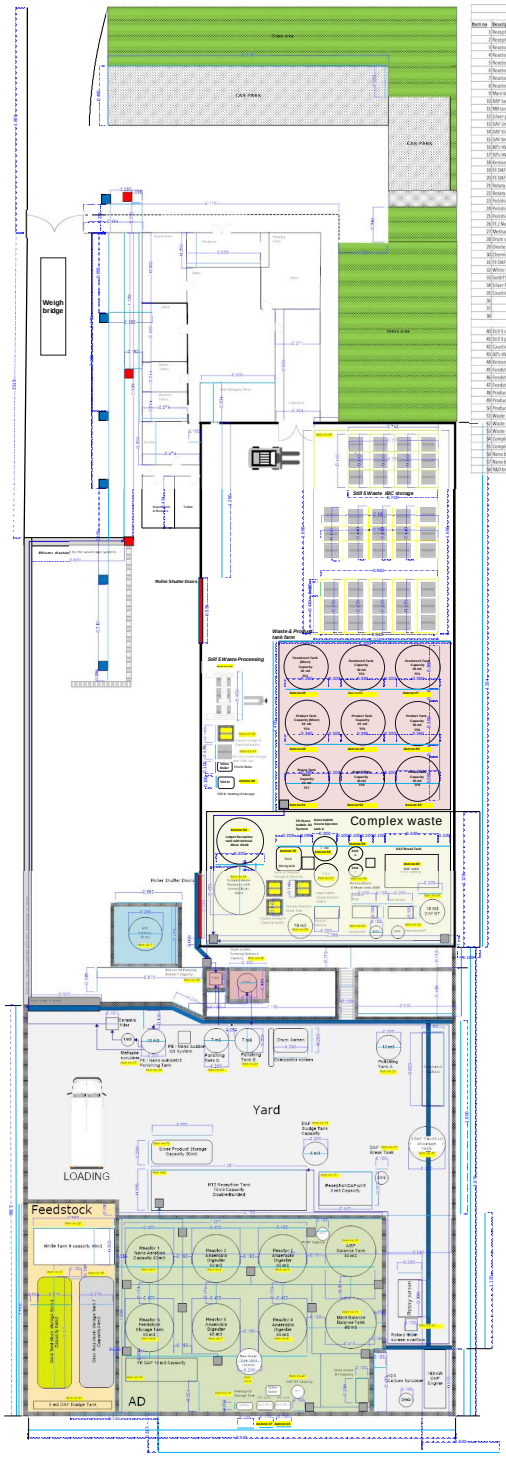
Waste4Generation ltd Bunding & Drainage Diagram



Site Capacity		
	Current	
Item no	Description	Capacity in m3 Comments
1	Reception tank 1	30 RT1
2	Reception tank 2	70 RT2
3	Reactor 1	60 Nano Bubble aeration
4	Reactor 2	60 Anaerobic Digestion
5	Reactor 3	60 Anaerobic Digestion
6	Reactor 4	60 Anaerobic Digestion
7	Reactor 5	60 Anaerobic Digestion
8	Reactor 6	60 Feedstock tank
9	Main break tank	10 AD recirculation
10	MP tank	50 Site AD Feedstock
11	MR tank	50 Site AD Feedstock
12	Silver product tank	20 Product storage
13	DAF Unit	5 Solid removal
14	DAF Sludge tank	8 Feedstock
15	DAF break tank	3 Solid removed influent to AMP/MR tanks
16	BCFL HW tank	2 CHP/Boiler heated water
17	SCFL HW tank	2 Process heat
18	Kerosene tank	2
19	FE DAF	50
20	FE DAF break tank	3
21	Rotary screen lift	2
22	Rotary screen overflow tank	3
23	Polishing tank A	50
24	Polishing tank B	7
25	Polishing tank C	7
26	FE / Nano bubble CO polishing tank	50
27	Methane scrubber	3
28	Drum screen PS	5 (PS) Pumping station
29	Onsite PS	(PS) Pumping station
30	Chemical storage tank	15 Caustic storage tank (Double bunded)
31	FE DAF sludge tank	5
32	White FS tank	40
33	Gold FS tank	50
34	Silver FS tank	50
35	Caustic IBC	
36		
37		
38		929
	Research & Development & Expansion (Permit Amendment)	
40	SS S storage	45 Storage area for 45 IBC's
41	SS S process sing	5 Bunded area for 5 IBC's
42	Caustic	1 Bunded caustic IBC
43	SCFL HW tank	5 Process hot water
44	Kerosene tank	5
45	Feedstock storage tank	30
46	Feedstock storage tank	30
47	Feedstock storage tank	30
48	Product feedstock tank	30
49	Product feedstock tank	30
50	Product feedstock tank	30
51	Waste feedstock tank	30
52	Waste feedstock tank	30
53	Waste feedstock tank	30
54	Complex Waste Reception with Intern	30
55	Complex Waste Reception with Intern	30
56	Nano bubble ozone injection tank	30
57	Nano bubble ozone injection tank	30
58	R&D break tanks	2

Client:	Waste4Generation Ltd Corby	Drawing No:	Drawn by:	Approved by:	Issued for:	Waste4Generation Ltd Charlotte's Road Charlotte's Industrial Estate Corby Northamptonshire NN17 4AZ
Title:	Bunding & Drainage Diagram	Scale: 1:100	Date:	Date:	Rev:	