



Legend

- Green line boundary
- Equipment point
- Sheet piled wall (2.6m)
- Sheet piled wall (2.4m)
- Flood gate (2.6m)

Emissions Ref	Emissions Points	Asset Ref	Asset	X	Y
A1	Advanced anaerobic digester 1: Whessoe valve	1	Advanced anaerobic digester 1	433580	566390
A2	Advanced anaerobic digester 2: Whessoe valve	2	Advanced anaerobic digester 2	433604	566390
A3	Advanced anaerobic digester 3: Whessoe valve	3	Advanced anaerobic digester 3	433629	566390
A4	CHP and boiler stack	4	CHP and boiler stack	433653	566338
A5	CHP engine 1 - Bursting disc (exhaust gas)	5	CHP engine 1	433629	566320
A6	CHP engine 2 - Bursting disc (exhaust gas)	6	CHP engine 2	433637	566320
A7	CHP engine 3 - Bursting disc (exhaust gas)	7	CHP engine 3	433647	566320
A8	Natural gas engine	8	Natural gas engine	433663	566321
A9	Composite boiler 1 - Boiler safety valve, Economiser safety valve and Safety valve	9	Composite boiler 1	433619	566342
A10	Composite boiler 2 - Boiler safety valve, Economiser safety valve and Safety valve	10	Composite boiler 2	433631	566342
A11	Composite boiler 3 - Boiler safety valve, Economiser safety valve and Safety valve	11	Composite boiler 3	433641	566342
A12	Flare stack	12	Flare	433648	566360
A13	Gas bag holder 1	13	Gas bag holder 1	433610	566360
A14	Gas bag holder 2	14	Gas bag holder 2	433631	566359
A15	Odour control unit 1 (OS8/OS9)	15	Odour control unit 1 (OS8/OS9)	433413	566273
A16	Odour control unit 2 (including biofilter)	16	Odour control unit 2 (including biofilter)	433588	566335
A17	Odour control unit 3 (OS12)	17	Odour control unit 3 (OS12)	433570	566256
A18	Biomethane upgrade plant	18	Biomethane upgrade plant	433682	566283
A19	Back-up generator	19	Back-up generator	433596	566366
AA	Inlet works			433419	566619
AB	Returned liquors discharge			433505	566336
AC	Returned liquors (including condensate) monitoring point			433533	566272
SW1	Surface Water emission point			433508	566206
		20	Cess and septic import	433419	566634
		21	Cake reception building	433553	566354
		22	Cake Silo	433613	566250
		23	Cake loading area	433622	566251
		24	Screened sludge buffer tank	433535	566308
		25	THP reactors	433578	566351
		26	THP flash tanks	433579	566366
		27	THP pulper	433578	566342
		28	THP buffer tanks (feed silos) 1	433556	566332
		29	THP buffer tanks (feed silos) 2	433548	566332
		30	Post digestion storage tank	433590	566315
		31	Dewatering building and Centrifuges (x2)	433550	566311
		32	Final stage dewatering building and Centrifuges (x2)	433588	566259
		33	Fuel oil storage tank	433621	566309
		34	Gas engine lubricant/ Waste oil tank	433618	566307
		35	Strategic sludge storage tank 1	433435	566266
		36	Strategic sludge storage tank 2	433478	566267
		37	Strategic sludge storage tank 3	433436	566223
		38	Strategic sludge storage tank 4	433477	566222
		39	Water treatment plant (boilers)	433602	566344
		40	Imported sludge tanker reception	433503	566245
		41	General waste bins (x2)	433599	566245
		42	Screening skip 1	433548	566307
		43	Screening skip 2	433556	566307
		44	Drum thickeners	433428	566309
		45	Thickened sludge day tanks (x2)	433413	566309
		46	Grid entry unit	433681	566406

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Title
Howdon STC
Site Layout Plan

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