

Appendix 1 – Synopsis of changes

AD Plant 13/01605 MFUL details	AD Plant 15/01034/Mful Details
1 Comprises	1 Comprises
<ul style="list-style-type: none"> A digester tank: height 7m, diameter 24.9m and capacity <u>4300</u> (3409) cubic metres with a gas collection dome above of height 4.8m. 	<ul style="list-style-type: none"> A digester tank: height 8m, diameter 25m and capacity <u>3926</u> (3927) cubic metres with a gas collection dome above of height 5.5m. overall height from excavated site is 13.5m
Figures underlined as submitted in brackets as calculated	Figures underlined as submitted (in brackets) as calculated
<ul style="list-style-type: none"> A digestate storage tank: height 7m, diameter 24.8m and capacity of <u>4500</u> (3381) cubic metres. 	<ul style="list-style-type: none"> A digestate storage tank: height 8m, diameter 25m and capacity of <u>3926</u> (3927) cubic metres.
<ul style="list-style-type: none"> A buffer tank: height 4m and diameter 8m. 	<ul style="list-style-type: none"> A buffer tank: height 4m and diameter 9m.
<ul style="list-style-type: none"> A control cabin housing the control panels for the anaerobic digester: 12 long, 3m wide, and 2m high 	<ul style="list-style-type: none"> A control cabin housing the control panels for the anaerobic digester: 12 long, 3m wide, and 2m high
<ul style="list-style-type: none"> A CHP unit: 12m long and 2.6 m wide and 7m high contained in an acoustic box 	<ul style="list-style-type: none"> 1 x CHP unit: 13.5m long and 3 m wide contained in an acoustic box including a chimney of 7m
<ul style="list-style-type: none"> A solids feeder tank: 9.2 m long, 3.8m wide and 2.8m high 	<ul style="list-style-type: none"> Control building 14m long x 7m wide x 3m high
<ul style="list-style-type: none"> A separator frame and clamp: 9m long, 7m wide, and 5.5m high 	<ul style="list-style-type: none"> Gas compressor building 8m x 3.5m x 3m high
<ul style="list-style-type: none"> Silage clamps comprising four bays: 14.7m wide, 29m long by 4.6m high proposed to hold 	<ul style="list-style-type: none"> Transformer, HV switch each 2.5m x 2.5m x 2.4m high
	<ul style="list-style-type: none"> LV panel 12m x 2.5m x 2.5m high
	<ul style="list-style-type: none"> Office 13.5m x 2.5m x 2.5m high
	<ul style="list-style-type: none"> Solids feeder 9m x 4m x 4m high
	<ul style="list-style-type: none"> 2 x Dryers 43m x 6m x 3.5m high
	<ul style="list-style-type: none"> Gas flare 6m x 3m x 4.8m high
	<ul style="list-style-type: none"> A separator frame and clamp: 9m long, 7m wide, and 5.5m high
	<ul style="list-style-type: none"> feedstock clamps comprising 2 bays: 60m x

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<p>silage (7844 cubic metres)</p> <ul style="list-style-type: none"> • A concrete yard for vehicular movements • A GRP kiosk to house metering circuit breaker <p>Bund recessed into the ground 1.4m</p> <p>Overall area 0.91 hectares</p> <p>AD Plant feedstock 13,925 tonnes</p> <ul style="list-style-type: none"> • Cow slurry - 2,000 tonnes • Farmyard manure - 1,000 • Chicken manure - 2,000 tonnes • Maize silage - 4,444 tonnes • Grass silage - 2,981 tonnes • Beet - 1500 tonnes <p>No Animal by products</p> <p>Source</p> <p>Manures</p> <p>Swanhams Farm 4.25 km east of Halberton</p> <p>Rix Farm between Tiverton and Bolham</p> <p>maize, grass and beet silage</p> <p>Hartnoll Farm, Manley Lane, Maunders and 'Plots' all located within approximately 3km of the AD site and Wellington Farm which is located approximately 20km away.</p> <p>The digestate will be in two forms, liquid and solid and used as a soil conditioner/fertiliser on land at Hartnoll Farm and Manley Lane.</p> <p>Supporting Information</p> <p>Waste Minimisation Statement</p>	<p>15m by 4m high proposed to hold material (7200 cubic metres)</p> <ul style="list-style-type: none"> • A concrete yard for vehicular movements <p>A GRP kiosk to house metering circuit breaker</p> <p>Bund Recessed into ground 2.0m</p> <p>Overall area 1.23 hectares + additional area for planting</p> <p>AD feedstock 14,231 tonnes</p> <ul style="list-style-type: none"> • Cow slurry - 2,000 tonnes • Farmyard manure - 1,000 • Chicken manure - 2,000 tonnes • Maize silage - 4,444 tonnes • Grass silage - 2,981 tonnes • Beet - 1500 tonnes <p>No Animal by products</p> <p>Source</p> <p>Manures</p> <p>Swanhams Farm 4.25 km east of Halberton</p> <p>Rix Farm between Tiverton and Bolham</p> <p>maize, grass and beet silage</p> <p>Hartnoll Farm, Manley Lane, Maunders and 'Plots' all located within approximately 3km of the AD site and Wellington Farm which is located approximately 20km away.</p> <p>The digestate will be in two forms, liquid and solid and used as a soil conditioner/fertiliser on land at Hartnoll Farm and Manley Lane.</p> <p>Supporting Information</p> <p>Waste Minimisation Statement</p>
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