Appendix 1 - Synopsis of changes

AD Plant 13/01605 MFUL details

1 Comprises

• A digester tank: height 7m, diameter 24.9m and capacity 4300 (3409) cubic metres with a gas collection dome above of height 4.8m.

Figures underlined as submitted in brackets as calculated

- A digestate storage tank: height 7m, diameter 24.8m and capacity of 4500 (3381) cubic metres.
- A buffer tank: height 4m and diameter 8m.
- A control cabin housing the control panels for the anaerobic digester: 12 long, 3m wide, and 2m high
- A CHP unit: 12m long and 2.6 m wide and 7m high contained in an acoustic box

- A solids feeder tank: 9.2 m long, 3.8m wide and 2.8m high
- A separator frame and clamp: 9m long, 7m wide, and 5.5m high
- Silage clamps comprising four bays: 14.7m wide, 29m long by 4.6m high proposed to hold

AD Plant 15/01034/Mful Details

1 Comprises

• A digester tank: height 8m, diameter 25m and capacity 3926 (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

- A digestate storage tank: height 8m, diameter 25m and capacity of 3926 (3927) cubic metres.
- A buffer tank: height 4m and diameter 9m.
- A control cabin housing the control panels for the anaerobic digester: 12 long, 3m wide, and 2m high
- 1 x CHP unit: 13.5m long and 3 m wide contained in an acoustic box including a chimney of 7m
- Control building 14m long x 7m wide x 3m high
- Gas compressor building 8m x 3.5m x 3m high
- Transformer, HV switch each 2.5m x 2.5m x 2.4m high
- LV panel 12m x 2.5m x 2.5m high
- Office 13.5m x 2.5m x 2.5m high
- Solids feeder 9m x 4m x 4m high
- 2 x Dryers 43m x 6m x 3.5m high
- Gas flare 6m x 3m x 4.8m high
- A separator frame and clamp: 9m long, 7m wide, and 5.5m high
- feedstock clamps comprising 2 bays: 60m x

silage (7844 cubic metres)

- A concrete yard for vehicular movements
- A GRP kiosk to house metering circuit breaker

Bund recessed into the ground 1.4m

Overall area 0.91 hectares

AD Plant feedstock 13,925 tonnes

- 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

No Animal by products

Source

Manures

Swanhams Farm 4.25 km east of Halberton

Rix Farm between Tiverton and Bolham

maize, grass and beet silage

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.

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.

Supporting Information

Waste Minimisation Statement

15m by 4m high proposed to hold material (7200 cubic metres)

A concrete yard for vehicular movements

A GRP kiosk to house metering circuit breaker

Bund Recessed into ground 2.0m

Overall area 1.23 hectares + additional area for planting

AD feedstock 14,231 tonnes

- 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

No Animal by products

Source

Manures

Swanhams Farm 4.25 km east of Halberton

Rix Farm between Tiverton and Bolham

maize, grass and beet silage

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.

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.

Supporting Information

Waste Minimisation Statement

Odour Management Plan (dated March 2014)	Odour Management Plan (dated March 2014)
Appendix 10 (showing Swanhams farm and Rix Farm - chicken, farmyard and slurry source sites)	Appendix 10 (showing Swanhams farm and Rix Farm - chicken, farmyard and slurry source sites)
Photograph (to illustrate GRP kiosk to house HV metering circuit breaker)	Photograph (to illustrate GRP kiosk to house HV metering circuit breaker)
Nutrient Management Plan	Nutrient Management Plan
Manure Management Plan	Manure Management Plan
Written Scheme of Investigation for Archaeological Watching Brief	Written Scheme of Investigation for Archaeological Watching Brief
Landscape and Visual Impact Assessment	Landscape and Visual Impact Assessment
GroundSure - Flood Insight report	GroundSure - Flood Insight report
Pre-Development Flood Risk Assessment	Pre-Development Flood Risk Assessment
Extended Phase 1 Habitat Survey Report	Extended Phase 1 Habitat Survey Report
Envirocheck Report	Envirocheck Report
Volume 1 - Supporting Information (Post Submission Amended) - February 2014	Volume 1 - Supporting Information (Post Submission Amended) - February 2014
Volume 2 - Process Information - November 2013	Volume 2 - Process Information - November 2013
Transport Statement - October 2013	Transport Statement - October 2013
Volume 3 - Environmental Review (post Submission Amended) - February 2014	Volume 3 - Environmental Review (post Submission Amended) - February 2014
	Historic environment site assessment
	Landscape response (East Devon)
	Ground water Vulnerability Plan
Environmental Health Noise and odour no objections	Environmental Health issues with noise levels during proposed 24hr use

