

No.	Where on site	Change Description	Scale
1	External areas	Provision of 2 new substations near to the site entrance including vehicular access and the loss of a small area of vegetation (in addition to item 11).	Minor-material
2	Gasification Building	Changes to internal layout of office / welfare block and education / visitors centre.	Non-Material
3	Gasification Building	Changes to internal layout of plant and equipment within Gasification building due to change in gasification technology and inclusion of pre-treatment equipment	Non-Material
3a	Gasification Building	Addition of smoke vents and mansafe access system on gasification building roof. No change to position or size of 3 main vents (although there is a change in their purpose)	Minor-material
3b	Gasification Building & RBF	Addition of louvers to ventilate building, electrical equipment in plant rooms and switch rooms. Addition of personnel access doors and change in width of roller shutter door.	Non-Material
3c	Gasification building	Change in width and height of HGV access / egress doors on eastern elevation.	Non-Material
3d	Gasification building	Addition of workshop, under eastern elevation overhang, and associated personnel and roller shutter doors.	Non-Material
4	External to Gasification building	Addition of air coolers adjacent to fire water tank	Non-Material
5	Ancillary to Gasification building	Extension to footprint of building providing Ash collection / silo storage (see items 6 & 7 below) to provide enclosed under cover ash and powdered materials loading area.	Minor-material
6	Ancillary to Gasification building	Ash handling / silo area and Turbine hall swap locations with change to personnel and roller shutter door.	Non-Material
7	Ancillary to Gasification building	Turbine hall and ash handling / silo area swap locations with change to personnel and roller shutter door.	Non-Material
8	Ancillary to Gasification building	External bunded area for flue gas treatment chemicals offloading area adjacent to ash handling / silo storage building	Minor-material
9	External to Gasification building	Change in site Odour Control now in the form of Activated Carbon silo's to be located between gasification building and Air Cooled Condensers	Non-Material
10	External to Gasification building	Change in number and size of Air cooled condensers from 9 small condensers to 2 large condensers, located in the same area	Non-Material
11	External to AD	New AD substation located outside AD bunded area adjacent to staff parking.	Minor-material
12	AD area	Odour control equipment (biofilter) removed from AD area and replaced with revised Activated Carbon system (see Item 9)	Non-Material
13	AD area	Change in bund height and bund route. Change in height of concrete part of the bund wall (increase from 1.5m to 3.2m, but screened by 3.7m with timber fencing).	Non-Material
14	AD area	Change in location within AD bunded area of the Pasteurisation tanks.	Non-Material
15	AD area	Change in location and arrangement (width and height) of silos (SBR feed tank, H2S scrubbers and NAOH tank).	Non-Material
16	AD area	SBR tank and biogas holder swap positions (see item 34).	Non-Material
17	AD area	Changes to AD tanks, increase in height of buffer tank to 16.7m, decrease in width of buffer tank to 11.7m and decrease in width of digester tanks to 18.7m	Minor-material
18	AD area	Water tank removed (and replaced with underground water tank see item 27).	Non-Material
19	AD area	Wheelwash relocated to under canopy area.	Non-Material
20	External to site	Repositioning (by 2.9m) of exit road from RBF to accommodate ATEX separation zones for biogas holder and slight reposition of weighbridge.	Minor-material
21	AD Maturation building	Repositioning of dewatering platform within Maturation hall and change of dewatering equipment from press to centrifuge.	Non-Material
22	AD Area	Addition of ammonia scrubber outside maturation building.	Non-Material
23	AD Area	Addition of Polymer prep tank outside of maturation building.	Non-Material
24	AD Area	Slight re-positioning of AD building roller shutter doors and introduction of single personnel door.	Non-Material
25	AD Area	Additional turbo dissolver (increase from 1 to 2) within Processing building.	Non-Material
26	AD Area	Additional Drum screw (increase from 1 to 2) within Processing building.	Non-Material
27	AD Area	Addition of underground water storage tank, (to replace water storage tank in item 18 above).	Non-Material
28	AD Area	Transformers for CHP engines now shown	Minor-material
29	AD Area	Not shown on plans but size and dimensions of CHP engines changes from one large & one small to 2 same size engines.	Non-Material
30	Temp Construction compound	No change to the approved (March 2012) construction compound.	Non-Material
31	Waste Flows	Capacity of gasifier reduced from 60,000tpa to 55,460tpa received for pre-treatment and 44,710tpa gasified by fluidized bed gasifier. Total capacity reduced to 141,870 tpa.	Minor-material
32	Waste Flows	Street sweepings continue to be received for bulking and transfer off site for recycling elsewhere. Street sweepings total 2,660 tpa.	Non-Material
33	Electricity generation	Gross electrical generation max design (gross) capacity increased to 5,586MW from 5,166MW.	Non-Material
34	AD Area	Change in height of biogas holder, increased from consented 10.5m to proposed 14.00m and bund area surrounding base inc steps and rail access.	Minor-material
35	AD Area	Slab height for AD tank area 1 (adjacent to AD buildings) raised by +300mm, therefore height of all consented tanks raised by +300mm.	Minor-material
36	AD Area	Slab height for AD tank area 2 (adjacent to RBF building inc biogas holder and flare) raised by +500mm, therefore height of all consented tanks raised by +500mm.	Minor-material
37	RBF	Slab height for RBF raised by +500mm, therefore height of building raised by +500mm and inclusion of internal MV room	Minor-material
38	Flare	Flare will increase in height from 8m to 8.5m and slight repositioning to achieve appropriate separation distances from biogas holder.	Minor-material
39	AD Area	Access steps and handrail for personnel access into bunded area (from January 2013 AD updates).	Non-Material
40	Gasification and AD areas	Change in height and alignment of overhead pipe bridges.	Non-Material
41	Infiltration lagoon	Change in headwall to match that consented in approved drainage plan (condition 21).	Non-Material
42	Stack	Diameter of stack confirmed at 3.8m diameter. No change to stack height which remains 49m.	Minor-material
43	Gasification and AD buildings	Eastern face of gasification building and AD buildings will fall vertically to the ground, and not angle back into the site producing an overhang.	Minor-material

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