

NEW BESPOKE WASTE INSTALLATION ENVIRONMENTAL PERMIT APPLICATION FOR THE ANAEROBIC DIGESTION FACILITY

at

**BRYN QUARRY, GELLIARGWELLT FARM, GELLIGAER
ROAD, GELLIGAER, CAERPHILLY**

ACCIDENT MANAGEMENT PLAN

Prepared for:

BRYN POWER LIMITED

Part of the



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Submitted by:-

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1 EMERGENCY CONTACTS

Site Location Details	
Company	Bryn Power Ltd.
Access via	Gelliargwellt Farm
Office Phone	01443 838 121
Site Mobile Phone	
Site Grid reference	312516, 196181
Emergency Contacts	
Emergency Services	999
Local Police	01443 875 168
Natural Resources Wales Hotline	0800 807060
Health and Safety Executive	0845 3450055
Electricity Supplier	N/A
Local Authority	CCBC 01433 815 588
Gas Supplier	N/A
Sewerage Undertaker	N/A
Fuel Supplier	Owen Fuels 02920 604 5301
Company Contacts (Out of hours)	
Permit Holder	Bryn Power Ltd.
Operations Manager	Jennifer Morgan
Managing Director	Alun Price
Approval	
Date of Plan	February 2015
Date of Review	February 2016
Plan Drawn up by: Mrs B Jones	Sign:- Original filed on site
Plan Approved by: Mr A Price	Sign:- Original filed on site

2 ACCIDENT MANAGEMENT PLAN

Accident Type	Potential for occurrence	Anticipated consequences	Action to be taken (listed in priority)
Plant or equipment failure • Diesel spillage • Hydraulic leaks • Failure of site drainage system	Very little likelihood of occurrence. Fuel to be dispensed from a bunded fuel store located on concrete hard-standing off the permitted site. All work is carried out on concrete hard-standing with sealed drainage off the permitted site. The site has no public access.	Potentially polluting liquids flow onto hard surfaced area of facility.	• Stem leak if possible. • Isolate using spill control kits or adsorbent material. • Inform site manager • Monitor leak and prevent any liquid from entering site drains. • Drain any contaminated tanks, clean any spillage and dispose of waste as appropriate. • Monitor external areas to ensure no further contamination. • Record incident • Inform NRW if necessary. • Review Operations and Management System.
Overfilling dirty water / leachate storage tanks	AD containment area and digestate storage lagoon are sealed and are only operated at well below the maximum capacity.	Release of potentially polluting liquids the environment.	• Inform site management. • Removal of liquids via pumping equipment and immediate disposal. • Monitor to ensure no liquids escape into surrounding land. • Establish barriers if necessary. • Drain tank and send off site as necessary. • Inform the NRW. • Record and review incident.

Accident Type	Potential for occurrence	Anticipated consequences	Action to be taken (listed in priority)
Fire • Failure to contain fire water • Fuel and oils • Buildings • Combustible materials • Waste materials • Chemicals	Extremely rare.	Potentially polluting liquids flowing onto hard standing area Fire spreading between areas of facility Toxic and polluting smoke Exploding of fuel containers. Wind dispersal of pollutants	• Raise alarm on site. • Ensure personnel evacuated and accounted for from danger area. • If possible to do so safely switch off all electricity/fuel supplies. • Ensure all staff are alerted. • Call fire service and other emergency services as required. • Inform site management. • Post member of staff at entrance to site to direct emergency services. • Liaise and follow instructions of emergency team making them aware of any hazards on site. • Prevent fire waters causing pollution on site. • Depending on the severity of the fire, site critical equipment may have been damaged and no further reception or processing of waste would be undertaken until agreed with the NRW. • If equipment will be inoperable for extended periods of time, consideration will be given to the removal of material from site until repairs are effectuated. • Record incident. • Review Operations and Management System.

Accident Type	Potential for occurrence	Anticipated consequences	Action to be taken (listed in priority)
Severe weather • Flooding • Wind damage • Ice/frost	Not very likely due to slope of site leading to drainage containment system and location of site.	Potentially polluting liquids flowing onto and off hard-standing.	• Flooding – as per overfilling containment pits. • Wind – assess damage • Mitigate any pollution caused. • Inform site manager. • Inform NRW. • Repair damage. • Record incident.
Arson /Vandalism	Site to be as secure as possible. All plant to be locked when not manned. All doors and gates locked outside working hours. The site has no public access.	All of the above	• Assess damage • Mitigate any damage/pollution caused • (follow fire plan) • Inform site management. • Inform Police. • Inform NRW if required. • Record incident.