

SR2010 No4 Deployment Decision Document

Please note – this document is purely to assist you in making your decision and may not necessarily cover all information you require. See [TGN 8.01](#)

Deployment Details	
Deployment Reference Number:	PAN-003262
Permit Reference Number:	GP3792SK
Permit Holder:	ByProduct Recovery Limited
Site Address:	Cosmeston Farm, Sully, Penarth, Vale of Glamorgan CF64 5UP
Grid Reference: 317919,168935	Farm location: 317919,168935 Fields: 7 317436,168258 11 317561,168356 12 317717,168306 13 317844,168380 15 317976,168168 16 317870,167962 19 318135,168486 18 318082,168681 21 318423,168689 24 318315,168837 25 318241 168962 26 318399 169105 Storage: 318487,169016

Administrative Checks- By admin officer	
	Comments
Internal consultation	Waste reg team: industrywastereg.taff&ely@cyfoethnaturiolcymru.gov.uk NRM team: Ely&Vale.Consultations@cyfoethnaturiol.cymru.gov.uk NRW NLO: N/A
External consultation	EA NLO: josh.tinsley@environment-agency.gov.uk
Date due:	27/09/2018
Are fields within Gower AONB? If yes, then consult.	N/A
Are fields within Clwydian Range and Dee Valley AONB? If yes, then consult.	N/A
Are fields within a National Park? If yes, then consult with Parks Authority.	N/A
Permit compliance rating and multiplier	Rating A- 100%

Administrative Checks- By determining officer		
	Action completed, or document provided? (Yes, No or n/a)	Comments
Is the base permit still live? Has there been any variations?	Y	Welsh - check DMS/PaIS

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		English – EA NLO will inform if no longer live or check public register
Correct application form	Y	
Correct fee:	Y	See permit compliance rating and multiplier
Original fee received and cleared	Y	Amount: 994 Date cleared on MyNRW: 31/08/2018 Transaction number: 2057344
Additional fee received and cleared	n/a	Amount: Date cleared on MyNRW: Transaction number:
MyMap report completed	Y	
Location map	Y	
Waste Analysis	Y	
Soil Analysis	Y	
Certificate of Agricultural Benefit	Y	
Site Specific Risk Assessment	Y	High risk location only

Application Form		Y N n/a	Comments
4a	Multiple deployments Qu answered?	Y	
4b1	Has the NCP information been given?	Y	
4c	Is the risk banding correct?	Y	
4d/4e	Does the operator need to provide a risk assessment?	Y	Risk assessment not submitted – Received by email
4f	Has all of <i>Table 2- waste types</i> been completed?	Y	Total tonnage not confirmed
4f	Are the wastes listed in the deployment specifically listed in the permit?	Y	
4g1	Does the farm address match the grid reference?	Y	On the road, not exact location
4g2	If it is agricultural land; has the holding number been given?	Y	57/013/7999
4h	Has all of <i>Table 3- parcels of land</i> been completed?	Y	
4h	Is the total area of land to be treated less than 50 ha, or 100 hectares for a single continuously managed area of land?	Y	48.2 ha
4g/4h	Is the land to be treated within a 10 miles radius of the main address?	Y	
4i	Has consent been given to carry out the activity?	Y	
4k	Has all of <i>Table 4- previous land treatment</i> been completed?	Y	
4l	Has all of <i>Table 5- waste storage details</i> been completed?	Y	
4l	Is the storage total no more than 1250 tonnes shall be non-stackable waste, and no more than 3000 tonnes of all other wastes?	Y	Information in Benefit Statement
6b/6c	Have both Table 6 and Table 7 been completed?	Y	
8	Has confidentially been claimed?	N	
8	Has national security been claimed?	N	

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9a	If signing on behalf of a relevant person, has written confirmation from a relevant person been given?	n/a	
9b	Has the operator confirmed they will comply with the conditions of the rule set?	Y	
9c	Has a relevant person or approved person (Qu 9a) signed the declaration?	Y	

Location	Y N n/a	Comments
Do the grid references match the site plan?	Y	
If there is storage; do the grid references match the site plan?	Y	
Does the map include all of the following from TGN 8.01, box 3.1 in relation to both storage and spreading:		
• location of all storage sites for the waste to be spread	Y	
• the location of any public rights of way (layer on MyMap, not MyMap for Perm)	Y	
• groundwater source protection zones (no spreading in SPZ1)	n/a	
• surface water courses (no spreading within 10 meters)	Y	
• any spring, well or borehole not used to supply water for domestic or food production purposes within 50m	n/a	
• any spring, well or borehole used to supply water for domestic or food production purposes within 250m (no spreading within 50 metres)	n/a	
• any buildings or houses within 250 m	Y	
• any European designated sites- Natura 2000 (SPA, pSPA, SAC or cSAC) or Ramsar- or SSSI within 500 m	Y	SPA : Severn Estuary (Wales) SAC: Severn Estuary (Wales) SSSI : 1 LLYNNOEDD COSMESTON / COSMESTON LAKES 2 PENARTH COAST 3 SEVERN ESTUARY
Also check for any other environmentally sensitive sites within 500 meters. Suggested list includes, but is not limited to:		
• Species for Permitting	Y	Severn Estuary species: Smelt migratory route, European Eel migratory route, Atlantic Salmon

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		migratory route, Twaite Shad migratory route, Unidentified Shad migratory route, Sea Lamprey migratory route, River Lamprey migratory route, Starry Stonewort, Threatened
• Habitats for Permitting	Y	Lowland dry acid grassland and Lowland calcareous grassland Reedbeds Lowland calcareous grassland
• Scheduled Ancient Monument	Y	Anti-aircraft and Coastal Battery West of Lavernock Point. Outside spreading area
• Local Nature Reserve	Y	COSMESTON LAKES COUNTRY PARK
• National Nature Reserve	n/a	
• Ancient Woodlands	n/a	
• Local Wildlife Sites	Y	1 Lavernock Point East 2 The Vineyard 3 Lavernock Point South and North 4 Ty-r-Orsaf 5 Central Lavernock Point
• AONB	n/a	
• National Park	n/a	
• NVZ	n/a	

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• groundwater Safeguard Zone (new rule set condition)	n/a	
• Other (please specify in comments)	n/a	

Waste Analysis	Y N n/a	Comments
Is the waste analysis report less than 12 months old at time of application?	Y	
Does the analysis include the following?		
• pH	Y	
• Nitrogen (N)	Y	
• Phosphorus (P)	Y	
• Potassium (K)	Y	
• % dry matter	Y	
Does the analysis include the following? If it is a required parameter for the waste (see section below) and has not been tested for; has adequate justification been provided?		
• Zinc	Y	
• Copper	Y	
• Nickel	Y	
• Lead	Y	
• Cadmium	Y	
• Mercury	Y	
• Magnesium	Y	
• Sodium	n/a	Not require for this waste
• Sulphur	Y	
Check Appendix A of TGN 8.01 for the wastes types applied for.		
• Are there any special testing requirements?	Y	
• If yes; have they been tested for?	Y	
N.B. for 190902 only aluminium, sulphur and iron need to be tested for		
If spreading waste soil, has the analysis for the waste soil been carried out at an MCERTS Lab	n/a	
If the spreading is in a groundwater safeguard zone; are any wastes “high readily available nitrogen wastes”? i.e. organic wastes in which more than 30% of the total nitrogen content is available to the crop at the time of spreading.	n/a	
• If yes, have they stated condition 2.1.8 of the permit will be complied with?	n/a	

Soil Analysis	Y N n/a	Comments
Is the soil analysis report less than 4 years old at time of application?	Y	
Does the analysis include the following?		
• pH	Y	
• Potassium (K)	Y	
• Phosphorus (P)	Y	
• Magnesium (Mg)	Y	
If the waste analysis shows high PTE's; have these been tested for in the soil?	n/a	
Have the soil indices for P, K and Mg on each field been given?	Y	

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Does analysis show that the soils are deficient in the nutrients or properties required by the proposed cropping?	Y	
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Benefit Statement	Y N n/a	Comments
Has the writer of the benefit statement have appropriate technical expertise?	Y	
Has information been given on?		
• Cropping regime and plant nutrient requirements	Y	
• Timing of application	Y	
• Amount of waste to be applied and application rate	Y	
• Soil chemical properties (e.g. liming and pH)	Y	
• Soil physical properties (e.g. organic matter and soil structure)	Y	
• Soil water content	n/a	
• Levelling the land	n/a	
If an operator wants to apply more nutrients than is recommended in RB209 have they?		
• Justified the nutrient level with appropriate technical expertise	n/a	
• Included the nutrient level in their environmental risk assessment	n/a	
• Stated the source of information that they used to set the nutrient level.	n/a	
Have any potential negative impacts of the activity been addressed? See box 6.5 of TGN 8.01 for more details	Y	
Is the application rate appropriate for the:		
• Waste type?	Y	
• Waste analysis?	Y	
• Crop nutrient requirements?	Y	
If multiple wastes are being mixed:		
• Does each waste confer benefit in its own right?	Y	
• Is it only for operational purposes?	Y	
• Have actual application rates for each waste been given?	Y	
• Is there a statement saying that the waste will be spread at the lowest applicable application rate?	Y	
Application of waste		
• Is method of application appropriate for the waste type and cropping?	Y	
• Is the timing of application appropriate?	Y	
• Have they stated when the waste will be spread?	Y	
• Have they stated how often the waste will be spread?	Y	
Have the total nutrients supplied by the waste been given?	Y	
Has total nutrients supplied been given in oxide format?	Y	
Has the SNS for each field been provided? (Or enough information provided to calculate the SNS)	Y	
If the operator has stated (or intelligence from area ops teams have told us) that other sources of nutrients have been applied in the last 12 months have they stated:		
• What material was spread?	Y	
• How much material was spread?	Y	
• At what application rate material was spread?	Y	
• The nutrients supplied by the material?	Y	
Does the activity meet the definition of recovery?		

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See box 6.2 of TGN 8.01 for more details		
• Is there a clear benefit from the activity?	Y	
• Is the material suitable for its intended use?	Y	
• Is the minimum amount of waste being used to achieve the intended benefit?	Y	
• Is the waste being used as a substitute for a non-waste material?	Y	
• Will the proposal be completed to an appropriate standard? For this activity, the standard is the deployment application that has been assessed and approved. Any deviation from this which has not been agreed is likely to be viewed as disposal.	Y	

Site specific risk assessment	Y N n/a	Comments
If the deployment is in a high-risk location ¹ (Medium (2) or high-risk deployment) has a site-specific risk assessment been submitted?	Y	
If there are other potential sensitive receptors ² has a site-specific risk assessment been submitted?	Y	
Does the site-specific risk assessment identify all potential?		
• Sources of pollution or hazards ³	Y	
• Pathways	Y	
• Receptors ⁴ that can be affected by that source of pollution	Y	
• Measures that will minimise or mitigate the impact will be put in place	Y	

SSSI/ Appendix 4 assessment	Y N n/a	Comments
Is the site within 500 meters of a SSSI? • If yes, the complete an Appendix 4 CroW assessment.	Y	
Has a “likely significant effect” been identified? • If yes, consult with the relevant NRM team. • If no, save the Appendix 4 to the DMS as “information only”	N	20m non-spreading buffer zone where fields border Penarth Coast SSSI.

Natura 2000 or Ramsar site/ Habitat Regulation Assessment	Comments
Is the site within 500 meters of a Natura 2000 (SPA, pSPA, SAC or cSAC) or a Ramsar site?	Yes
No FORM 1 completed: Section 1 & 2 HRA is not required because there is no conceivable impact pathway to any Natura 2000/Ramsar site. The spreading area is approximately 114m away and there is no water course linking the to the Severn Estuary – Wales (SAC and SPA).	

¹ High Risk locations are within an SPZ2 or with 500 metres of Natura 2000 (SPA, pSPA, SAC or cSAC), Ramsar or SSSI site.

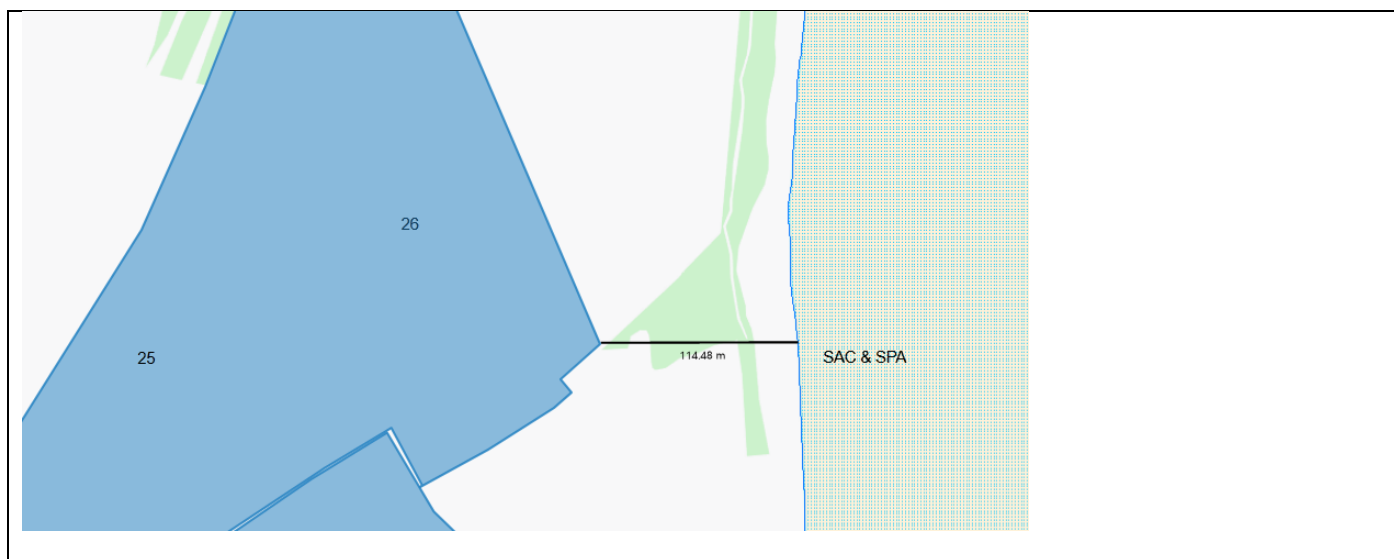
² AONB's, Ancient Woodlands, Scheduled Ancient Monuments, Local and National Nature Reserves, National Parks and Heritage Coasts.

³ Potential hazards include dust, odours and run-off / leachate.

⁴ Receptors to be affected include environmentally sensitive sites, watercourse, local residents, public rights of way, housing, schools, workplaces and recreational facilities.

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Comments	
Consultation responses: Field 7 needs a 10 me buffer zone due to dreain – it is already in map.	
MyMap and location assessment: MyMAP Report	
Agricultural benefit calculations: DMS	
Request for information: <ul style="list-style-type: none"> - Under Table 3 – Parcels of Land in the application form (page 5) the continued page is missing. - Clarification of the 20m buffer zone on the boundaries of field 15 and 16 with the SSSI. RFI response received - DMS	

Decision	
Can the deployment application be approved?	Yes
Permitting Officer: Rohini Sawant	Date: 08/10/2018
Team leader or Transfer of Powers (ToP) approval: Huw Davies	Date:18/10/2018

Appendix 1 – Time recording	
Admin/consultations	50
Determination	450
Sign off	10
Issuing	
Total	510 minutes



**Cyfoeth
Naturiol
Cymru
Natural
Resources
Wales**

For use with form:
LPD1 NRW Version 2, Jan 2017
September 2017

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<https://mapsinternal.cyfoethnaturiolcymru.gov.uk/SilverlightViewer/Viewer.html?Viewer=MyMap for Permitting&Project=04753938-17a6-4c6b-8f14-7611b3317e16>