

for a

Licence Application

Brav Co 'Consent transfer to the first and t Screening Report for Appropriate Assessment

July 2019

Verdé Environmental Consultants Ltd.









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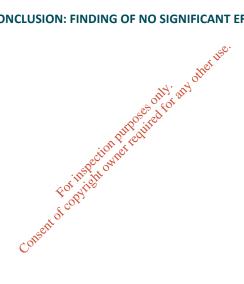
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#### **LIMITATIONS**

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#### 1.0 INTRODUCTION

Verde Environmental Consultants, (VEC) was commissioned by Packaging Laundry Ltd to undertake a Stage 1 Habitats Directive Assessment: Screening for Appropriate Assessment for a waste licence application for their existing facility located at Oldcourt Industrial Estate at Boghall Road, Bray, Co. Wicklow (see Figure 1.1 for site location).

This Screening Report for Appropriate Assessment is being undertaken in order to comply with the requirements of Article 6(3) of the Habitats Directive and Article 42 of the European Communities (Birds and Natural Habitats) Regulations. Section 42(1) of these Regulations requires a Public Authority to carry out a screening for appropriate assessment of a project for which an application for consent is received. The screening for Appropriate Assessment is required to assess the project individually or in combination with another plan or project for its potential to result in a likely significant effect on a European Site(s), in view of best scientific knowledge and in view of the conservation objectives of relevant European Site(s).

The function of this Screening Exercise is to identify the potential for the project to result in likely significant effects to the Conservation Objectives of European Sites and to provide information so that the competent authority can determine whether an Appropriate Assessment is required for the project.

# 1.1 Stage 1 Screening Method Consent

The function of the Screening Assessment is to identify whether or not the proposal will have a likely significant effect on European Sites. In this context "likely" refers to the presence of doubt with regard to the absence of significant effects (ECJ case C-127/02) and "significant" means not trivial or inconsequential but an effect that has the potential to undermine the site's conservation objectives (English Nature, 1999; ECJ case C-127/02). In other words any effect that compromises the functioning and viability of a site and interferes with achieving the conservation objectives for the site would constitute a significant effect.

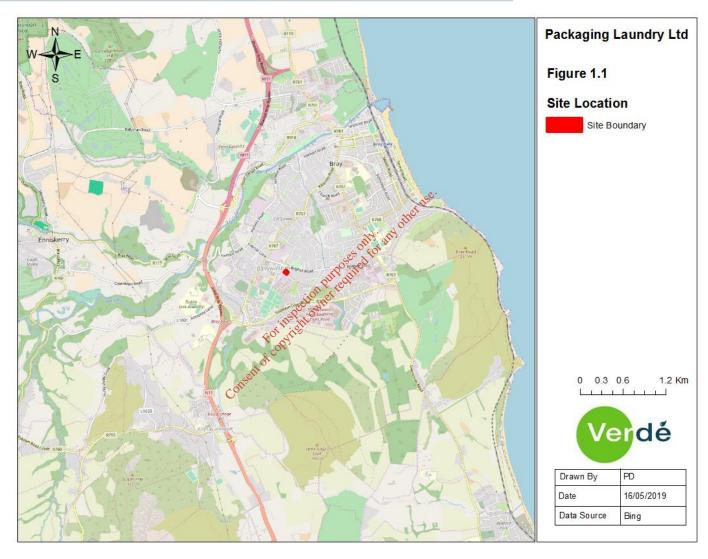
The nature of the likely interactions between the proposed development and the integrity of a European Site will depend upon whether or not European Sites occur within the zone of influence of the project. The potential for likely significant effects to European Sites that do occur within the zone of influence of the project will depend upon the project's potential to result in ecological effects and the sensitivity of European Site qualifying features to such effects.

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This Screening for Appropriate Assessment has been undertaken with reference to respective National and European guidance documents: Appropriate Assessment of Plans and Projects in Ireland: Guidance for Planning Authorities (DEHLG 2010) and Assessment of Plans and Projects Significantly Affecting Natura 2000 sites – Methodological Guidance of the Provisions of Article 6(3) and (4) of the Habitats directive 92/43/EEC and relevant European and National case law. The following guidance documents were also of relevance during this Screening Assessment:

- A guide for competent authorities. Environment and Heritage Service, Sept 2002. Appropriate
   Assessment of Plans and Projects in Ireland Guidance for Planning Authorities (2010), DEHLG
- Assessment of Plans and Projects Significantly Affecting Natura 2000 Sites Methodological Guidance of the Provisions of Article 6(3) and (4) of the Habitats Directive 92/42/EED. European Commission (2001)
- Managing Natura 2000 Sites The provisions of Article 6 of the Habitats directive 92/43/EEC. European commission (2000). (To be referred to as MN 2000)

The EC (2001) guidelines outline the stages involved in intertaking a Screening exercise of a project that has the potential to have likely significant effects on European Sites. The methodology adopted for this Screening exercise is informed by these guidelines and was undertaken in the following stages:

- 1. Describe the project and determine whether it is necessary for the conservation management of European Sites
- 2. Identify European Sites that could be influenced by the project
- 3. Where European Sites are identified as occurring within the zone of influence of the project identify potential effects arising from the project and screen the potential for such effects to negatively affect European Sites identified under Point 2 above; and
- 4. Identify other plans or projects that, in combination with the project, have the potential to affect European Sites.

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#### 2.0 PROJECT DESCRIPTION

The project involves an application for a Waste Licence to the Environmental Protection Agency (Agency). Packaging Laundry Ltd currently operates under a waste facility permit that was issued by Wicklow County Council in May 2018 (Permit Ref. No. WFP-WW-18-0043-01). The permit was granted listing principal activity at the facility as Class 10 (Recovery of non-hazardous waste < 50,000 tonnes per annum and with <15% residual to onward Disposal). Acceptable List of Waste Codes are LoW 15 01 02 and 15 01 04. At present, the facility accepts less than 1,000 tonnes of material per annum of which 98% is reconditioned for re-use and 2% is transferred onwards for recycling/further recovery. The Licence will allow the facility to accept up to a maximum of 1,650 tonnes of packaging per annum.

The following is a brief overview of the operations that currently occur at the Packaging Laundry site.

- o IBC Reconditioning Closed Loop Packaging Laundry Ltd. provides a Reconditioning Service for customers IBC's and return to the customer for re-use again to the same purpose
- o IBC Reconditioning Open Loop This occurs where empty BCs are collected from customers who have no further use for the packaging. Following reconditioning, these IBC's are sold to third party customers for re-use as alternatives to having to purchase new IBC's.
- Steel Barrel Reconditioning Open Loop
- o IBC Dismantling and Rebottling Damaged bottles (e.g. that fail leak tests/end of life bottles) are removed, washed, dried and cut into manageable pieces before transfer to authorised recyclers. New bottles are then placed into the Reconditioned IBC steel cages and supplied as a Re-Bottled IBC to 3rd party customers
- Steel Drum Dismantling Steel drums that are damaged beyond safe repair are washed and crushed before transfer to authorised metal recovery facility

Emissions from the project site relate to surface water emissions from a wash down area on site and emissions to atmosphere from an air conditioning unit. All containers external surfaces are cleaned and labelling removed. Containers are then cleaned internally in a three-stage high pressure/low volume water system. A specialist 360° hose is mechanically lowered inside the IBC which cleans the interior of the container using high pressure water spray at 400 Bar pressure. The containers undergo a three stage washing process before the cleaning water is removed from the container. All washings from the washing process are drained and stored in an on-site 5,000 litre water storage tank. The site is subject to an Irish Water trade effluent discharge permit (ID: IW-DTS-809938-01) to the local foul sewage network. This Licence was issued in December 2017.

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Packaging Laundry Limited has consulted with the County Council and the Agency (under Article 11) to be allowed to accept packaging material (IBCs for reconditioning) that formerly contained hazardous material. The Agency has confirmed that the acceptance of non-hazardous waste IBCs and steel drums for reconditioning as described above and to prepare material for reuse through dismantling, replacement of IBC bottles, washing and crushing etc. can be accommodated under a waste facility permit. The Agency has further confirmed that acceptance, waste recovery and storage of used packaging that contained hazardous substances is more appropriately authorised under conditions of a waste licence. This material is described under List of Waste Code 15 01 10\* (Packaging containing residues of or contaminated by hazardous substances).

Packaging Laundry intends to apply to the Agency so that List of Waste Code 15 01 10\* can be accepted at the facility. The containers accepted onto the site will empty (as is currently the case with all IBCs and steel drum containers accepted onto the site). Strict waste acceptance criterial are in place to ensure that all container packaging is empty as empty as practically possible. Of the packaging material received on site, approximately 98% is refurbished/reconditioned for re-use by either the owner of the container or a third-party customer. The remaining 2% is prepared on site (washed, cut, crushed etc) wije to collection for delivery to an authorised Entitlisted ton purper remire plastic or metal recycler/waste recovery facility.

#### 2.1 PROJECT SITE DESCRIPTION

The project site is located within an industrial estate just off the Boghall Road in Bray Co. Wicklow. It is situated within the urban environment of Bray town and is surrounding by artificial surfaces and built land. There are no natural habitats occurring in the immediate vicinity of the project site. A aerial view of the project site and surrounds is provided as Figure 2.1 below.

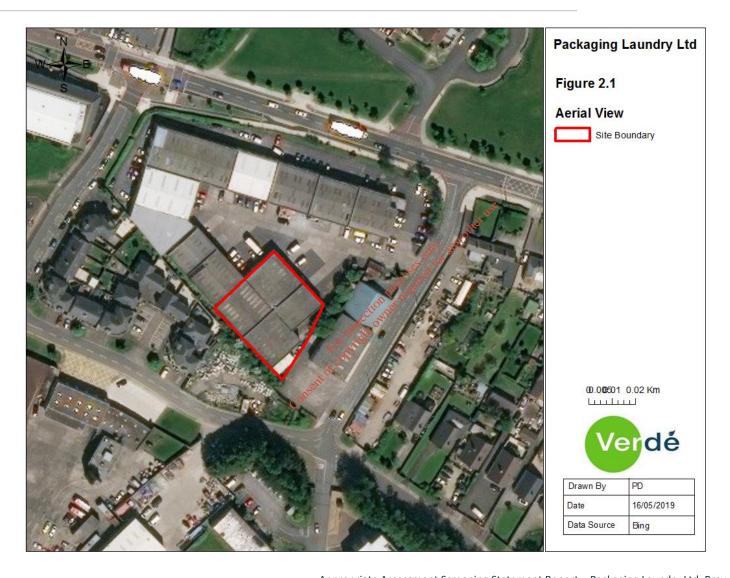
The project site is located within the Dargle River catchment. Surface water drains connect the project site to an un-named and un-mapped stream that flows east along the Boghall Road to the north of the project site. This stream discharges to the Swan Stream which is a tributary of the Dargle River. The Dargle River discharges to the sea at Bray. No European Sites occur within the vicinity of the Dargle River discharge point. This hydrological pathway is shown on Figure 2.2. It is noted that only clean surface water runoff discharging from roofs and outdoor yard areas drain to this hydrological pathway. No process or washdown water generated at the project site drains to this surface water hydrological pathway. As described in Section 2.0 above all process and washdown waters discharge to the foul sewerage network. The nearest European Site to the surface water hydrological pathway discharge point is Bray Head SAC which is designated for terrestrial habitats, not influence by marine or surface water bodies.

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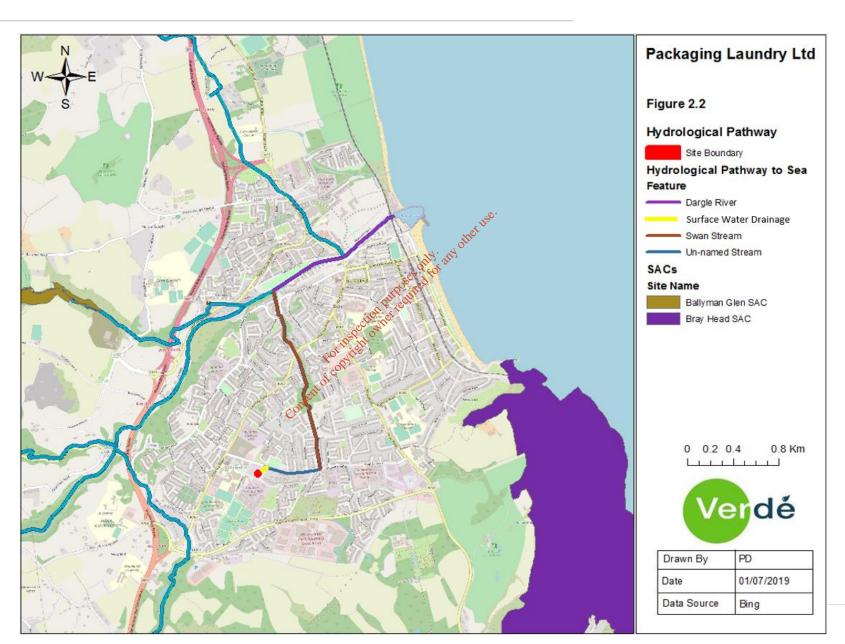


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#### 4.0 THE PROJECT & EUROPEAN SITE BASELINE

#### 4.1 Identification of European Sites within the Zone of Influence of the Project

Current guidance on undertaking EU Habitats Directive Article 6 Assessments advises that all European Sites occurring within a 15km radius of a project site should be included within a Screening Assessment (Scott Wilson et al., 2006; DOEHLG, 2010). Thirteen European Sites, comprising of nine SACs and four SPAs occur within the surrounding 15km radius of the site (see Figure 4.1 and Figure 4.2 and Table 4.1 for list of European Sites). The qualifying features of interest for which each of these European Sites has been designated is provided in Appendix 1.

As the project does not occur within or adjoin a European Site, the project will not have the potential to result in direct impacts to European Sites. Thus this Screening exercise focuses on investigating whether the project will have the potential to result in indirect effects to European Sites or effect mobile species associated with European Sites beyond the boundaries of their designated context areas.

A source-pathway-receptor model has been used to establish which European Sites could occur within the zone of influence of potential indirect impacts. Under such a model, the project, as described in Section 2 of this Screening Report, represents the source.

Potential impact pathways are restricted to hydrological pathways and the potential for interaction with qualifying habitats and mobile species listed as qualifying features of interest/special conservation interests for European Sites. Noise, aerial and visual emissions will not represent potential impacts to surrounding European Sites due to the distance between the project site and the nearest European Sites and the imperceptible noise and air emissions that are generated from the project site during operations. It is noted that air emissions are generated at the project site via an air conditioning unit. This unit does not emit pollutants to atmosphere and does not have the potential to result in any changes to air quality in the vicinity of the emissions point or in the wider surrounding area.

The receptors represent European Sites and their associated qualifying features of interest.

European Sites and their associated qualifying features are likely to occur in the zone of influence of the project only where potential emissions from the project site, in the form of hydrological or mobile species pathways establish a link between the project and the European Site. Table 4.1 provides a determination as to whether Appropriate Assessment Screening Statement Report – Packaging Laundry Ltd. Bray

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each European Site occurs within the zone of influence of the project. This determination has been undertaken in line with the following assessment questions:

- o Is there an impact pathway link between the Project site and European Sites?
- Are qualifying habitats of these European Sites at risk of experiencing impacts as a result of the project?
- Does the project site have the potential to interact with Annex II qualifying species/ special conservation interest species of these European Sites?

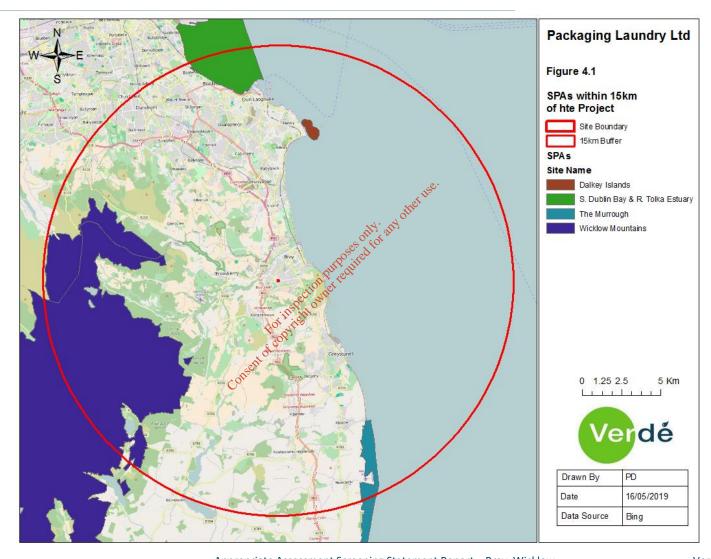
The evaluation of these assessment questions has been undertaken in view of the qualifying features of interest (see Appendix 1) of each of the European Sites listed in Table 4.1.

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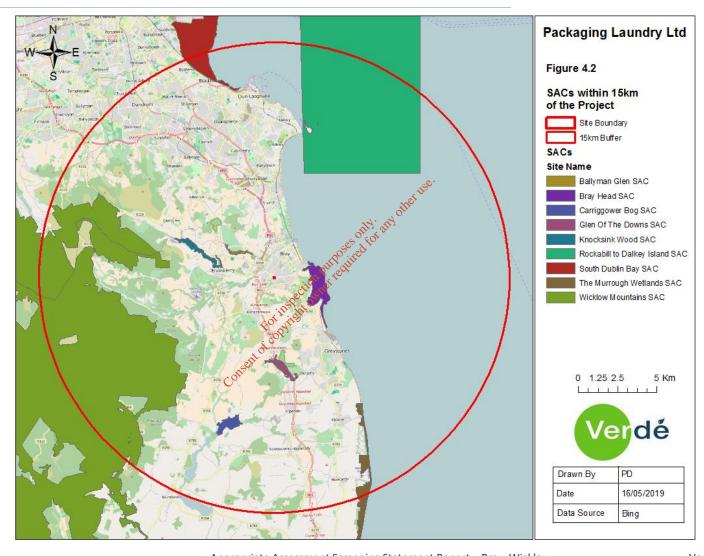


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## Table 4.1: Identification of European Sites within the Zone Of Influence of the Project

European Sites	Site	Distance	Hydrological pathway	Risks to Qualfiying	Mobile Species	Does the European Sites
	Code	from		Habitats		occur within the zone of
		Project Site				influence of the project?
Bray Head SAC	714	1.8	No. There is no hydrological pathway	No. The qualifying	No. No Annex II species	No. Due to the absence of
			linking the project site to this SAC. All	habitats of this SAC	are listed as qualifying	any emissions and
			process and washdown waters	are terrestrial in	features of interest for	hydrological pathway that
			generated at the project site are	nature and are not	this SAC.	could connect the project
				influenced by		to this SAC and the distance
			network and are conveyed to the Bray	hydrological pathway.		between the project site
			Wastewater Pumping Station from	There are no		and this SAC there will be
			where it is pumped to Shanganagh	hydrological pathway		no potential for the project
			Treatment Works (near Shankill). All	and no emissions form		site to interact with or
			wastewater is fully treated at the	the project that could		effect this SAC. This SAC lies
			treatment works prior to discharge to	interact with or affect		outside the zone of
			Irish Sea off Killiney.	these habitts.		influence of the project.
			Only clean surface water runoff is			
			generated at the project site and this			
			discharges via the hydrological			
			pathway shown in Figure 2.2 to the sea			

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			at Bray. The discharge point of the			
			surface water hydrological pathway is			
			located at a remote distance from this			
			SAC and is not connected to it.			
South Dublin	210	12.2km	No. There is no hydrological pathway	No. The qualifying	No. No Annex II species	No. Due to the absence of
Bay SAC			linking the project site to this SAC.	habitats of this SAC	are listed as qualifying	any emissions and
				are terrestrial in	features of interest for	hydrological pathway that
				nature and are not	this SAC.	could connect the project
			4	influenced by		to this SAC and the distance
				hydrological pathway.		between the project site
			purpolitice	There are no		and this SAC there will be
			egioneir	hydrological pathway		no potential for the project
			or itely to	and no emissions form		site to interact with or
			* coty	the project that could		effect this SAC. This SAC lies
			Consent of copyright owner required for	interact with or affect		outside the zone of
			Cox	these habitts.		influence of the project.

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Ballyman Glen	713	2	No. There is no hydrological pathway	No. The qualifying	No. No mobile species are	No. Due to the absence of
SAC			linking the project site to this SAC.	habitats of this SAC	designated as features of	any emissions and
				are terrestrial in	interest for this SAC.	hydrological pathway that
				nature and are not		could connect the project
				influenced by		to this SAC and the distance
				hydrological pathway.		between the project site
				There are no		and this SAC there will be
				hydrological pathway		no potential for the project
			44	and no emissions form		site to interact with or
				the project that could		effect this SAC. This SAC lies
			quipo diffee	interact with or affect		outside the zone of
			in Specific Duren required for	these habitts.		influence of the project.
Carriggower	716	9	No. There is no hydrotogical pathway	No. The qualifying	No. No mobile species are	No. Due to the absence of
Bog SAC			linking the project site to this SAC.	habitats of this SAC	designated as features of	any emissions and
			Consett	are terrestrial in	interest for this SAC.	hydrological pathway that
				nature and are not		could connect the project
				influenced by		to this SAC and the distance
				hydrological pathway.		between the project site
				There are no		and this SAC there will be
				hydrological pathway		no potential for the project
				and no emissions form		site to interact with or

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				the project that could		effect this SAC. This SAC lies
				interact with or affect		outside the zone of
				these habitats.		influence of the project.
Glen of The	719	5	No. There is no hydrological pathway	No. The qualifying	No. No mobile species are	No. Due to the absence of
Downs SAC			linking the project site to this SAC.	habitats of this SAC	designated as features of	any emissions and
				are terrestrial in	interest for this SAC.	hydrological pathway that
				nature and are not		could connect the project
				influenced by		to this SAC and the distance
			only.	drological pathway.		between the project site
			on set all	There are no		and this SAC there will be
			on Pull requir	hydrological pathway		no potential for the project
			os Rectamie	and no emissions form		site to interact with or
			Forthigh	the project that could		effect this SAC. This SAC lies
			x of cox	interact with or affect		outside the zone of
			Consent of copyright owner reduced h	these habitts.		influence of the project.
Knocksink	725	3.3	No. There is no hydrological pathway	No. The qualifying	No. No mobile species are	No. Due to the absence of
Wood SAC			linking the project site to this SAC.	habitats of this SAC	designated as features of	any emissions and
				are terrestrial in	interest for this SAC.	hydrological pathway that
				nature and are not		could connect the project
				influenced by		to this SAC and the distance
				hydrological pathway.		between the project site
1	1	1	1	1	1	I

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				There are no		and this SAC there will be
				hydrological pathway		no potential for the project
				and no emissions form		site to interact with or
				the project that could		effect this SAC. This SAC lies
				interact with or affect		outside the zone of
				these habitts.		influence of the project.
Wicklow	2122	6.7	No. There is no hydrological pathway	No. The gualifying	No. Otters are the only	No. Due to the absence of
	2122	0.7		1156	,	
Mountains SAC			linking the project site to this SAC.	habitats of this SAC	mobile species listed as	any emissions and
			Out	are terrestrial in	qualifying species for this	hydrological pathway that
			oos ited to	nature and are not	SAC. There is no habitat	could connect the project
			on Particular	influenced by	occurring in the vicinity	to this SAC and the distance
			Consent of copyright owner required for	hydrological pathway.	ofh te project site that	between the project site
			Forthigh	There are no	could support otters and	and this SAC there will be
			xof corr	hydrological pathway	this project site is located	no potential for the project
			Consen	and no emissions form	at a significant distance	site to interact with or
				the project that could	from this SAC and the	effect this SAC. This SAC lies
				interact with or affect	lotic habitats upon which	outside the zone of
				these habitts.	otters rely.	influence of the project.

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The Murrough	2249	9.5	No. There is no hydrological pathway	No. The qualifying	No. No mobile species are	No. Due to the absence of
Wetlands SAC			linking the project site to this SAC.	habitats of this SAC	designated as features of	any emissions and
				are terrestrial in	interest for this SAC.	hydrological pathway that
				nature and are not		could connect the project
				influenced by		to this SAC and the distance
				hydrological pathway.		between the project site
				There are no		and this SAC there will be
				hydrological pathway		no potential for the project
			P.	and no emissions form		site to interact with or
			es Vi	the project that could		effect this SAC. This SAC lies
			Quipo diffee	interact with or affect		outside the zone of
			inspection purposes only	these habitts.		influence of the project.
Rockabill to	3000	6.8	No. There is no hydrotogical pathway	No. The qualifying	No. No mobile species are	No. Due to the absence of
Dalkey Island SAC			linking the project site to this SAC.	habitats of this SAC	designated as features of	any emissions and
			linking the project site to this SAC.	are terrestrial in	interest for this SAC.	hydrological pathway that
			C	nature and are not		could connect the project
				influenced by		to this SAC and the distance
				hydrological pathway.		between the project site
				There are no		and this SAC there will be
				hydrological pathway		no potential for the project
				and no emissions form		site to interact with or

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				the project that could		effect this SAC. This SAC lies
				interact with or affect		outside the zone of
				these habitts.		influence of the project.
South Dublin	4024	9.5	No. There is no hydrological pathway	No. there are no	No. No suitable habitat	No. There are no
Bay and River			linking the project site to this SPA.	connections between	for the special	connections between the
Tolka Estuary				the project site and	conservation interest bird	project site and this SPA
SPA				the wetland habitats	species of this SPA occur	and there is no potential
				of this SPA.	at or in the vicinity of the	for the project to interact
			ally	of this SPA.	project site.	with this SPA. This SPA lies
			on see of the	•		outside the zone of
			getion purps tedired fr			influence of the project.
Wicklow	4040	7	No. There is no hydrological pathway	No. there are no	No. No suitable habitat	No. There are no
Mountains SPA			linking the project site to this SPA.	connections between	for the special	connections between the
			Consent of	the project site and	conservation interest bird	project site and this SPA
			Cours	the wetland habitats	species of this SPA occur	and there is no potential
				of this SPA.	at or in the vicinity of the	for the project to interact
					project site.	with this SPA. This SPA lies
						outside the zone of
						influence of the project.

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Dalkey Islands	4172	12	No. There is no hydrological pathway	No. there are no	No. No suitable habitat	No. There are no
SPA			linking the project site to this SPA.	connections between	for the special	connections between the
				the project site and	conservation interest bird	project site and this SPA
				the wetland habitats	species of this SPA occur	and there is no potential
				of this SPA.	at or in the vicinity of the	for the project to interact
					project site.	with this SPA. This SPA lies
						outside the zone of
				ather lise.		influence of the project.
The Murrough	4186	10.5	No. There is no hydrological pathway	Mo. there are no	No. No suitable habitat	No. There are no
SPA			linking the project site to this SPA	connections between	for the special	connections between the
			linking the project site to this SPA person of the project site to	the project site and	conservation interest bird	project site and this SPA
			18 Par Ownie	the wetland habitats	species of this SPA occur	and there is no potential
			Fortight	of this SPA.	at or in the vicinity of the	for the project to interact
			Not con		project site.	with this SPA. This SPA lies
			C Street.			outside the zone of
						influence of the project.
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Table 4.1 above shows that none of the thirteen European Sites occurring within a 15km radius of the project site occur within the zone of influence of the project

Table 4.2 provides a Screening Assessment in line with EU Guidance (2001) Assessment Criteria used to examine the potential of the proposed development to adversely impact upon European Sites. These assessment criteria are used to establish whether the project will have the potential to result in likely significant effects to the European Sites occurring in the wider area surrounding the project site.

Assessment Criteria	a .
Describe any likely	direct, indirect or secondary impacts of the project (either alone or in combination with
other plans or proje	ects) to European Sites by virtue of:
Size and Scale	The project is small in size and scale and relates to ongoing operations at the Packaging
	Laundry Ltd. facility in Bray. The Licence will allow acceptance of up to 1,650 tonnes of
	empty packaging containers per annum.
Land-take	The project will not involve in any language take from European Sites or from semi-natural
	habitats.
Distance from	The project is located at a remote distance from European Sites. The nearest European
European sites or	Sites is Bray Head SAC, located approximately 1.8km to the east. This SAC is designated
key features of	for its cliff and heath pabitats both of which are located over 1.8km from the project
the site	site.
Resource	The project will not require the use of any resources that are connected with European
requirements	Sites.
Emissions	The project operations generate emissions to the municipal foul water network and
	air. As outlined in Section 2.0 above, process water from washing of containers is
	discharged under controlled conditions from a 5000L holding tank to the municipal
	sewer. This discharge is licensed by Irish Water. Ultimately, foul water from Bray and
	surrounding area enters Bray Pumping Station from where it is pumped to Shanganagh
	Wastewater Treatment Works for treatment. There is no potential water emissions
	from the project site to interact with and influence the conservation status European
	Sites.

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	Air emissions generated at the project site relate to emissions from an air conditioning
	unit. These emissions do not emit pollutants to the atmosphere and does not have the
	potential to negatively affect air quality locally or further afield in the vicinity of any
	European Sites.
Excavation	No excavations are required as part of the project.
requirements	
Transportation	The project will not result in any changes to baseline traffic and transportation
requirements	requirements.
Duration of	No construction activity is associated with the project.
construction,	The licence that is being applied for is not time limited.
operation etc.	
In-Combination	As the project is not connected via any pathways & European Sites and as it is not
Effects	resulting in any emissions to the local environment that could be perturbing air or
	water quality it will not have the potential to combine with other plans or project in
	the surrounding area to result in addutive and cumulative effects to the environment
	and/or European Sites.
Reduction of	The project will not result to a reduction in the area of any qualifying habitats for
habitat area	European Sites.
Disturbance of key	The project site is located in an urban area and will not result in any interaction with
species	qualifying species/special conservation interest bird species of surrounding European
	Sites.
Habitat or species	The project will not result in any fragmentation of natural, semi-natural habitats in the
fragmentation	surrounding area or qualifying habitats of European Sites.
Reduction in	The project will not pose a risk of negative effects to the environment and will not have
species density	the potential to result in a reduction in the density of qualifying species or special
	conservation interest bird species of European Sites in the wider surrounding area.
Changes in key	The Site Specific Conservation Objectives of European Sites represent the key
indicators of	indicators of conservation status for the habitats and species that are supported under
conservation	these sites. The project is not connected via impact pathways to any European Sites
status	and will not have the potential to undermine the conservation objectives of these sites.
Describe any likely impacts on the European Site as a whole in terms of:	

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Interference with key relationships that define the structure and function of the site

The key relationships that define the structure and function of European Sites are detailed in the Site Specific Conservation Objectives for European Sites. As the project is not connected via any impact pathway to European Sites it will not have the potential to interfere with the Site Specific Conservation Objectives of European Sites and these key relationships.

Describe from the above the elements of the project or plan or combination of elements, where the above impacts are likely to be significant or where the scale of magnitude of impacts is not known.

It has been concluded that the project will not have the potential to interact with any European Sites occurring in the wider area surrounding the project site due to the absence of any polluting emissions from the project site or emission pathways that could connect the project site to European Sites occurring in the wider surrounding area.

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## 6.0 SCREENING STATEMENT CONCLUSION: FINDING OF NO SIGNIFICANT EFFECTS

During the Screening of the proposed project it was found that 13 European Sites occur within a 15km radius of the project site. None of these European Sites are adjudged to be located within the zone of influence of the project.

In light of the findings of this report, it is the considered view of the author of this Screening Report for Appropriate Assessment that it can be concluded by the Agency that the project is not likely, alone or incombination with other plans or projects, to have a significant effect on any European Sites in view of their Conservation Objectives and on the basis of best scientific practice and there is no reasonable scientific doubt as to that conclusion.

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