

EIA ANALYSIS AND SCREENING PROFORMA

ANALYSIS

1	Case Details	
a	Applicant Case reference	
	S0151812	
b	LPA case reference	
c	SoS case reference	
d	Site Address	
	Land adjacent to Tyne Dock Logistics and IHC Engineering, Port of Tyne, Tyne Dock, South Shields, NE34 9PT.	
e	Brief description of development	
	Erection of Wood Pellet Storage and Handling Facility including enclosed conveyors, 3no. storage silos (49m high), 1no. rail loading silo (48.24m high), alterations to rail sidings and other enabling works to carry out the proposal.	
f	Approval of reserved matters?	
	Yes	
	No	No
	Approval of conditions?	
	Yes	
	No	No
	If Yes, enter the description of development subject of the related planning permission	
	N/A	
g	Area of development/works/new floorspace (as appropriate)	
	1.9 ha	
2	EIA details	
A	Schedule 1	
(i)	Is the proposed development Schedule 1 development as described in Schedule 1 of the EIA Regulations?	
	Yes	
	No	No
(ii)	If YES, under which description of development i.e. Nos. 1-21?	
B	Schedule 2	
(i)	Is the proposed development Schedule 2 development as described in Column 1 of Schedule 2 of the EIA Regulations?	
	Yes	Yes
	No	

(ii)	If YES, under which description of development in Column 1 i.e. Nos. 1-13?	
	column 1 nos. 10 (a-c)	
(iii)	Is the development within, partly within, or near a 'sensitive area' as defined by Regulation 2 of the EIA Regulations?	
	Yes	
	No	No
(iv)	If YES, which area?	
(v)	Are the applicable thresholds/criteria in Column 2 exceeded/met?	
	Yes	Yes
	No	
(vi)	If yes, which applicable threshold/criteria?	
	The area of the development exceeds 0.5 hectare	
3	LPA/SOS Screening	
	All applications inc reserved matters/conditions	
(i)	Has the LPA issued a Screening Opinion (SO)?	
	Yes	
	No	No
(ii)	Has the SoS (GO) issued a Screening Direction (SD)?	
	Yes	
	No	No
(iii)	If yes, is a copy of the SO/SD on the file?	
	Yes	
	No	
(iv)	If yes, is the SO/SD positive?	
	Yes	
	No	
	Reserved matters/conditions applications only	
(i)	Was original PP subject to EIA screening?	
	Yes	
	No	
(ii)	Was a SO/SD issued for the original PP?	
	Yes	
	No	
(iii)	If yes, is a copy of the SO/SD for the original PP on file?	
	Yes	
	No	
4	Environmental Statement (ES)	
	Has the applicant supplied an ES for the current or previous (if reserved matters or conditions) application?	
	Yes	

	No	
Name		
Date		

SCREENING

A. CHECKLIST		
Questions to be considered		Likely/Unlikely – briefly describe
		Is this likely to result in a Significant effect?
		Yes/No - why?
1	Will construction, operation or decommissioning of the Project involve actions which will cause physical changes in the locality (topography, land use, changes in waterbodies, etc)?	The site is land reclaimed from the former Tyne Dock, the proposed development does not change the topography of the site, the river or the land use of the Port. The silos are greater in height than other built structures on the site.
2	Will construction or operation of the Project use natural resources such as land, water, materials or energy, especially any resources which are non-renewable or in short supply?	The site consists of reclaimed land and other raw materials. Land, while of finite supply, can be reused when the current use ceases and there are a number of riverside sites available for development. The building materials are not in short supply. In operation, few natural resources are consumed
3	Will the Project involve use, storage, transport, handling or production of substances or materials which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health?	The proposed development will handle and store wood pellets. In itself the product is non-toxic. There is the potential for the operation to generate dust emissions in the movement of the product.
4	Will the Project produce solid wastes during construction or operation or decommissioning?	In operation the development is unlikely to produce any waste, following decommissioning the building materials can be recycled.
5	Will the Project release pollutants or any hazardous, toxic or noxious substances to air?	During the operational phase of the development there is the risk that wood pellet dust could be released. As detailed previously wood pellet is not it itself a toxic substance.
6	Will the Project cause noise and vibration or release of light, heat energy or electromagnetic radiation?	During the construction of the development the piling operation will generate noise. In operation noise will be generated from the conveyors, vehicles and other working parts of the facility. The

		development will not release light, heat, energy or electromagnetic radiation.	phases of the development.
7	Will the Project lead to risks of contamination of land or water from releases of pollutants onto the ground or into surface waters, groundwater, coastal waters or the sea?	The fill used in the infilling of the Tyne Dock was subject to a careful refine of sampling and testing to monitor and prove that the materials were inert. No contamination was found at concentrations that would be of any concern to human health or aquatic life.	In accordance with the adjacent statement, no significant effects are expected.
8	Are there any areas on or around the location which are already subject to pollution or environmental damage e.g. where existing legal environmental standards are exceeded, which could be affected by the project?	The site is not in or adjacent to an air quality management area.	No, the principle impacts of the development are with regards, noise, dust and visual impact. none of these matters are in excess of existing legal environmental standards.
9	Will there be any risk of accidents during construction or operation of the Project which could affect human health or the environment?	With regards the construction phase of the development, there are no additional risks in addition to any other construction project. Wood pellet is flammable but is non-toxic and fire suppression systems are an intrinsic part of the development.	No, the risk and consequence of accidents at the site/operation are not significant.
10	Will the Project result in social changes, for example, in demography, traditional lifestyles, employment?	The proposal will create additional jobs both in the construction phase of the project and in operation. This is unlikely to result in a notable change in the social make up of the area or demographics.	The jobs created by the scheme construction and operation phase, while welcome, could not be considered to be environmentally significant.
11	Are there any areas on or around the location which are protected under international or national or local legislation for their ecological, landscape, cultural or other value, which could be affected by the project?	There are a number of designated and undesignated heritage assets in the area, none would be adversely affected or lost as a result of the scheme. Locally designated wildlife sites are situated nearby but would not be adversely affected by any impacts of the development	The impacts of the larger nos. 10 silo scheme were found not to adversely impact upon the habitats and assets identified.
12	Are there any other areas on or around the location which are important or sensitive for reasons of their ecology e.g. wetlands, watercourses or other waterbodies, the coastal zone, mountains, forests or woodlands, which could be affected by the project?	There are no further sites, in addition to those detailed above, that are important or sensitive.	There are no additional sites.
13	Are there any areas on or around the location which are used by protected, important or sensitive	The Kittiwake breeding colony at the former McNulty Offshore Yard has been identified and is	The former kittiwake colony at McNulty Yard, would not be adversely affected by the

	species of fauna or flora e.g. for breeding, nesting, foraging, resting, overwintering, migration, which could be affected by the project?	not adversely impacted upon by the proposed construction or operational phase.	development.
14	Are there any inland, coastal, marine or underground waters on or around the location which could be affected by the project?	The application site fronts onto the River Tyne. Site investigations identified standing water at 2.5m however the infill and alluvium and absence of any aquifers do not provide for any noticeable flow of ground water.	In the absence of aquifers, the flow of ground water and any relevant impact on the River Tyne it is not anticipated that there will be any significant environmental impacts.
15	Are there any areas or features of high landscape or scenic value on or around the location which could be affected by the project?	There are no designated high landscaped or scenic value features on or near the development site.	No significant environmental impact is expected.
16	Is the project in a location where it is likely to be highly visible to many people?	Parts of the proposed development may be visible to a large number of people over a large area.	The LVIA submitted in respect of the earlier, larger nos.10 silo scheme identified that there were no significant environmental impacts resulting from this visual impact. The majority of view points experienced minor or negligible impacts. It could reasonably be expected that the visual impact from this smaller scheme would be reduced further.
17	Are there any routes on or around the location which are used by the public for access to recreation or other facilities, which could be affected by the project?	There are no public rights of way on the site of the proposal or the Port of Tyne site.	In the absence of any adverse impact on rights of way or other recreational facilities it is concluded that there are no significant environmental impacts.
18	Are there any transport routes on or around the location which are susceptible to congestion or which cause environmental problems, which could be affected by the project?	The wood pellets are brought to the site via the river/sea and leave the site by rail. There is minimal impact upon the road network and as such there is little adverse impact on any transport routes.	Because the proposed development would not have been a road dependent operation there are not considered to be any significant environmental impacts in this regard.
19	Are there any areas or features of historic or cultural importance on or around the location which could be affected by the project?	There are a number of designated and undesignated heritage assets near to the site of the proposed development.	The proposed development is removed from the heritage assets, the visual impact of the larger development has previously been assessed and found not to be a significant environmental impact.
20	Is the project located in a previously undeveloped area where there will be loss of greenfield land?	The site is a reclaimed/infill site.	The proposed development makes use of a previously developed, infilled site. As such there are no significant environmental impacts in this respect.
21	Are there existing land uses on or around the location e.g. homes, gardens, other private property, industry, commerce, recreation,	The Port's site is situated in an urban area, with a range of uses near to the boundary of the site. There is the potential that the	The visual, noise and dust impacts of the development have been assessed and it has been found that the

	public open space, community facilities, agriculture, forestry, tourism, mining or quarrying which could be affected by the project?	visual, dust or noise impacts of the proposed development could impact upon these uses.	proposed development does not have a significant environmental impact.
22	Are there any areas on or around the location which are densely populated or built-up, which could be affected by the project?	As above.	The key impacts of the proposed development have been assessed and it has been found that the proposed development does not have a significant environmental impact.
23	Are there any areas on, or around, the location which are occupied by sensitive land uses e.g. hospitals, schools, places of worship, community facilities, which could be affected by the project?	There are no such sensitive uses in close proximity to the development site or the Port's boundaries. There are a number of such uses within the wider urban area.	The key impacts of the proposed development with particular regards of noise and dust have been assessed and it has been found that the proposed development does not have a significant environmental impact.
24	Are there any areas on or around the location which contain important, high quality or scarce resources e.g. groundwater, surface waters, forestry, agriculture, fisheries, tourism, minerals, which could be affected by the project?	Not in addition to those identified previously e.g. heritage assets	No significant environmental impacts are anticipated.
25	Is the project location susceptible to earthquakes, subsidence, landslides, erosion, flooding or extreme or adverse climatic conditions e.g. temperature inversions, fogs, severe winds, which could cause the project to present environmental problems?	The site is necessarily situated adjacent to the River with a commensurate risk of flooding. The infilling of the former Tyne dock was carried out to a height to limit any potential flood risk. The flooding of the facility would not cause environmental problems.	No significant environmental impacts are anticipated as a result of the proposal in respect of flood risk.
26	Are there any plans for future land uses on or around the location which could be affected by the project?	None known. Furthermore, the proposed development does not introduce a new use or potential impact that did not already exist at the Port.	No significant environmental impacts are anticipated.
27	Are there any other factors which should be considered, such as consequential development which could lead to environmental effects, or the potential for cumulative impacts with other existing or planned activities in the locality?	There is the potential for the cumulative impacts of the development, acting with the existing impacts of the Port's operations and other nearby uses.	The detailed technical reports, in particular the noise and dust assessment have taken account of the potential cumulative impacts. The assessments have been made having clearly established the baseline situation. The reports conclude that there are no significant environmental impacts.

B. CONCLUSIONS	
(i)	Schedule and category of development
(ii)	Summary of features of project and of its location
	a Characteristics of development
	The proposal consists of the necessary infrastructure to facilitate the handling and storage of wood pellets including enclosed conveyors, 3no. storage silos (49m high), 1no. rail loading silo (48.24m high), alterations to rail sidings and other enabling works to carry out the proposal sited on part (1.9ha) of the Port's existing estate that hosts a range of Port related uses and operations. The proposed development makes use of infilled land, reclaimed from the former Tyne Dock. As with all construction projects natural resources would be used in the construction, eventually the facility may no longer be used and would represent a waste to be decommissioned, reused and recycled as appropriate. The potential for dust and noise impacts of the proposed development has been assessed and found not to represent a significant environmental impact. The wood pellet product is by its very nature flammable, but by virtue of the fire suppressant, monitoring and detection technology inherent in such a development the risk is reduced and the resulting impacts from any accident does not represent a significant environmental impact.
	b Location of development
(iii)	The proposed use is in accord with the existing use of the land as a Port which already handles wood pellets amongst a variety of other cargos. The site of the proposed development is not considered to be a scarce resource and the proposed development is unlikely to affect the absorption capacity of factors identified in 2 (c) (i) to (v) in Schedule 3. The proposed site is within an area where the impacts of development could affect densely populated areas or landscapes of historical, cultural or archaeological significance respectively.
	c Characteristics of the potential impact
(iv)	The potential significant impacts of the proposed development area considered to be with regards the visual impact of the development as a result of the height of the silos, the potential impact of dust emissions resulting from the operation of the facility and the noise impact resulting from the operation of the facility. Assessments of the key likely environmental impacts of the proposed development have identified that there are no significant adverse environmental impacts with regards the visual, dust or noise impacts of the development.
	Is a SO/SD has been provided do you agree with it?
(v)	Yes
	No
(vi)	Is it necessary to issue a SO/SD?
	Yes
(vii)	No
	Is an ES required?
(viii)	Yes
	No

C. SCREENING DECISION (Indicate below which assessment applies)					
Assessment		Action (produce model letter 'x')	☒	Response due from	Date response due
Sch 1 development	ES required	Issue positive or negative	☐		

		SO/SD			
Sch 2 development – threshold exceeded/criterion met/sensitive area and likely to have significant effects on the environment	ES required	Issue positive or negative SO/SD	☐		
Sch 2 development – not likely to have significant effects on the environment	ES not required	Issue positive or negative SO/SD	☐		
Sch 2 development but effects not clear at this stage – file to be reviewed at a later stage	N/K	Review when appropriate – new info/case progresses	☐		
Sch 2 but not EIA development – negative screening opinion - SoS agrees	ES not required	No action required	☐		
Sch 2 but not EIA development – positive screening opinion - SoS disagrees	ES not required	Issue negative SO/SD	☐		

Name Date	