

Information requested in CCC's Scoping Opinion to be provided in the Environmental Statement	Location within the Environmental Statement where the requested information is provided
<i>The Site, its Location and the Proposal</i>	
<ul style="list-style-type: none"> Description of the existing site and surroundings, including proximity of the site to designated sites and other sites of interest, etc. Detailed description of the proposals 	<p>Section 3.1.1 of the ES describes the location of the site. Sections 3.1.2 to 3.1.5 of the ES provide a site description. Section 3.1.6 of the ES describes the site surroundings including proximity to residential receptors, public rights of way and designations / sites of interest. Section 3.2 of the ES provides a description of the Proposed Development with sections 3.3, 3.4, 3.5 and 3.6 providing detailed descriptions of construction, operation, restoration and post capping respectively.</p>
<i>Public Consultation</i>	
<ul style="list-style-type: none"> Details of how any issues raised in the public consultation have been addressed 	<p>Chapter 5 of the ES provides an outline description of Stakeholder Co-ordination and directs the reader to the Statement of Community Involvement contained in the Planning Statement.</p>
<i>Alternatives</i>	
<ul style="list-style-type: none"> Outline how the main alternatives to the proposed scheme have been considered, including a "do nothing" scenario Indicate the main reasons for LLWR's choice, taking into account the environmental effects 	<p>Chapter 4 of the ES provides a description of the main alternatives to the proposed scheme including a "do nothing" scenario" discussed at section 4.2.2. Section 4.2.9 of the ES details the assessment criteria applied to the alternatives discussed and section 4.2.10 details the results of the assessment of alternatives and conclusions.</p>
<i>Cumulative and In-combination Effects</i>	
<ul style="list-style-type: none"> Identify, describe and evaluate all of the effects likely to result from the proposed development in combination with other activities that are being, have been or will be carried out in the vicinity of the site Both on site and off site in-combination and cumulative effects should be considered 	<p>Section 2.7.5 of the ES provides a definition for cumulative and combined effects and this section directs the reader to the section of the ES where the assessments are detailed. Combined effects are discussed in Chapter 16 of the ES. Other developments within the LLWR that have been included in the cumulative effects assessment are discussed in Chapter 3 of the ES. Where no cumulative impacts have been identified for each of the technical aspects of the ES, this is also stated.</p>
<i>Transport and Highways</i>	
<ul style="list-style-type: none"> A transport assessment is required Updated traffic flow data and local highway safety data should be utilised in the baseline assessment The scope and contents of a Construction Traffic Management Plan should be provided The assessment should adequately consider: <ul style="list-style-type: none"> the construction traffic associated with the proposal the cumulative impact of the proposal with regard to available rail capacity matters surrounding transport of LLW to the site in the context of waste road miles 	<p>A transport assessment has been undertaken. The assessment is summarised at Chapter 7 of the ES and is included in full at Appendix E to the ES. Appendix E to the ES includes updated traffic flow data (data included at Annex E1) and local highway safety data (data included at Annex E2). Section 7 of Appendix E to the ES details measures to reduce the impact of construction traffic on the local community and includes a commitment that prior to the commencement of phases 3, 4 and 5 of construction, a Construction Traffic Assessment will be prepared. Construction traffic associated with the proposal is considered at section 6 of Appendix E to the ES. The cumulative impact of the proposal with regard to available rail capacity is</p>

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<ul style="list-style-type: none"> - the environmental impact of transporting material for disposal 	<p>considered at section 8 of Appendix E to the ES. Matters surrounding the transport of LLW to the site in the context of waste road miles and transporting material for disposal are not discussed within the ES but are considered in Chapter 8, paragraphs 8.46 to 8.48 of the Supporting Statement.</p>
<i>Landscape and Visual Impact</i>	
<ul style="list-style-type: none"> • A landscape and visual impact assessment is required • The methodology proposed in the LLWR Scoping Report is considered acceptable • The Lake District National Park Authority should be consulted to verify the suitability of views from within the National Park boundary • The impacts of coastal erosion and climate change on the proposed development should be assessed in terms of landscape character and amenity through the landscape chapter of the ES • Need to agree the extent of coastline to be included within the assessment and the extent of landscape and visual amenity to be assessed 	<p>A landscape and visual impact assessment has been undertaken. The assessment is summarised at Chapter 9 of the ES and is included in full at Appendix G to the ES. Section 3.3 of Appendix G details the consultation undertaken with regards to the representative viewpoints, including with the Lake District National Park Authority. Section 1.1 of Appendix G details the different stages at which landscape and visual effects have been assessed including a future coastal erosion scenario. Section 1.5 of Appendix G defines the 'Study Area' (the extent of the area assessed in the LVIA) that was agreed with Cumbria County Council's landscape advisers, WYG.</p>
<i>Ecology and Nature Conservation</i>	
<ul style="list-style-type: none"> • Reference should be made to CCC's response on the original ES undertaken (i.e. in terms of survey extent and methodology) and also CCC's pre-application advice issued in January 2015 • Concerns relating to survey data and its adequacy or otherwise need to be addressed • CCC recommends that baseline survey data is shared prior to submission of the application so that details regarding mitigation and where appropriate compensation can be discussed • Reference should be made to CCC's advice regarding information to be supplied to inform the HRA 	<p>An ecological impact assessment has been undertaken. The assessment is summarised at Chapter 10 of the ES and is included in full at Appendix H to the ES. Detailed pre-submission consultation with CCC has been undertaken prior to the submission of the application and concerns relating to survey data have been discussed and addressed. The details of the scoping and pre-application discussions are included at section 2.2 of Appendix H. A HRA Signposting document is included at Annex H14 of Appendix H.</p>
<i>Soil, Geology and Hydrogeology</i>	
<ul style="list-style-type: none"> • The ES will need to include a chapter relating to soil, geology and hydrogeology • The assessment will require close collaboration with the scheme ecologists to provide consistency between impact assessments • The assessment should consider the effects on the water environment and consider the effects on aquatic ecology • Consideration of the likely interactions between the disciplines should be clearly demonstrated through the assessment • The assessment should present the potential environmental effects on the soil, geology and hydrogeology at the site and nearby receptors arising from the proposed development • It is recommended that: <ul style="list-style-type: none"> - relevant information contained in previously prepared assessments is extracted from said documents and presented within the ES chapter 	<p>An assessment of soils, geology and hydrogeology is included at Chapter 12 of the ES. The geological and hydrogeological elements are based on an assessment of hydrogeological impacts included at Appendix J1 to the ES. The assessment undertaken has been prepared in close collaboration with the Ecological Impact Assessment (included at Appendix H to the ES) and cross references to that assessment (see Chapter 12, section 12.3.5). An assessment of surface water is summarised at Chapter 14 of the ES and is included in full at Appendix L to the ES. The assessment undertaken has been prepared in close collaboration with the Ecological Impact Assessment (included at Appendix H) and cross references to that assessment. Relevant information contained in previously prepared assessments is presented or cross-referenced in the Chapter 12, see section 12.1. Assumptions and limitations of the EIA are discussed in section 2.8 of the ES.</p>

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<ul style="list-style-type: none"> - all assumptions and limitations encountered are clearly outlined - the scope of the baseline monitoring and how the data should be gathered is agreed with the EA prior to being undertaken - consideration is given to all relevant previous Consultee responses and advice previously issued for the site to ensure all previously identified concerns are addressed 	<p>Appendices J1 and J2 both present information either requested by or discussed previously with the Environment Agency and Cumbria County Council.</p>
<i>Noise</i>	
<ul style="list-style-type: none"> • A noise impact assessment should be undertaken and presented in the ES • The assessment should include noise sensitive receptors which were considered as part of the previous planning application • The Scoping Report does not refer to the impact of noise on ecological receptors • An assessment of construction traffic on local roads will need to be undertaken • The ES should also include an assessment of rail noise • Define whether effects are significant and identify any mitigation measures proposed • BS 5228:2009 Part 2 should be used for calculating vibration levels • Operational effects should be assessed within the ES - a summary of the previous assessment work and statement of effects would be acceptable • A cumulative assessment of the construction and concurrent operational works at the site should be undertaken 	<p>A noise assessment has been undertaken and is summarised at Chapter 8 of the ES and included in full at Appendix F.</p> <p>The assessment includes noise sensitive receptors that were considered as part of the previous planning application; see section 8.3.4 of Chapter 8 of the ES. The Ecological Impact Assessment, included in full at Appendix H of the ES, considers noise impacts from the proposed development on protected species and species of principal importance; see section 4.2 of Appendix H of the ES. An assessment of construction traffic on local road has been undertaken with details provided at section 8.9.2 of Chapter 8 of the ES and sections 3.9 and 5.2 of Appendix F of the ES.</p> <p>An assessment of rail noise has been undertaken with details provided at section 8.5.3 of Chapter 8 of the ES and section 5.3 of Appendix F of the ES. Section 8.3 of the ES provides a description of the assessment methodology and criteria used and section 8.8 discusses mitigation measures where required. Section 3 of Appendix F provides a detailed description of the assessment methodology and criteria used and section 8 discusses mitigation measures where required.</p> <p>Section 1 of Appendix F and section 8.1 of Chapter 8 of the ES describe the basis upon which an assessment of vibration has been scoped out. Operation effects are discussed at section 6 of Appendix F and section 8.6 of the ES.</p> <p>A cumulative assessment of the construction and operational works being undertaken at the site has been undertaken and is detailed at section 7 of Appendix F and section 8.7 of the ES.</p>
<i>Air Quality</i>	
<ul style="list-style-type: none"> • The ES should include an air quality assessment • The Scoping Report does not include for the specific assessment of disposal of waste in 9 to 14 and higher stacking in vaults 8 and 9 • Ecological receptors are not specified - the assessment must assess the effect of the development on ecological receptors at the Drigg Coast and Drigg Holme SSSIs including nitrogen deposition, this should include an assessment of the potential effect on vegetation and ephemeral water bodies • A detailed monitoring protocol for implementation during vault construction and capping has already been established in the previous planning application - this 	<p>An air quality assessment has been undertaken and is summarised at Chapter 11 of the ES and included in full at Appendix I.</p> <p>The implications for air quality are discussed briefly in respect to the disposal of waste in Vaults 9 to 11 and the higher stacking of containers in Vaults 8, 9 and all future vaults in section 6.5 of Appendix I and in section 11.6.5 of the ES. An assessment of the effects of the development on ecological receptors at the Drigg Coast SSSI has been undertaken and is detailed at section 7 of Appendix I and section 11.7 of the ES.</p> <p>Proposed monitoring measures are detailed at section 8 of Appendix I and this</p>

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<p>should be adhered to</p> <ul style="list-style-type: none"> The ES will need to define whether effects are significant and identify any mitigation measures proposed The scope of the assessment should be agreed with the Local Planning Authority and Copeland Borough Council's Environmental Health Department 	<p>section is cross referenced at section 11.8.3 of the ES. Section 11.4 of the ES provides a description of the assessment methodology and criteria used and section 11.8 discusses mitigation measures where required.</p>
<i>Lighting</i>	
<ul style="list-style-type: none"> A lighting assessment will need to be submitted It is recommended that the scope of the assessment is discussed with the Local Planning Authority The assessment should consider the effect of lighting on the sensitive ecological receptors (Daubenton's and Noctule bats foraging routes in the vicinity of the site) 	<p>The level of lighting is not significantly different from current lighting on site, which includes both lighting columns along the main access roads and site compounds, and low level safety lighting associated with office blocks and welfare units. On this basis a lighting assessment has not been undertaken, however the effects of lighting on bats is discussed in the Ecological Impact Assessment summarised at Chapter 10 of the ES and included in full at Appendix H.</p>
<i>Hydrology and Flood Risk</i>	
<ul style="list-style-type: none"> The extent of the Drigg Stream diversion needs to be confirmed (i.e. what is proposed against what was shown on the previous scheme) The impacts on water quality should be dealt with as a separate issue Potential aquatic effects should also include hydrological assessment of local effects along the SAC/SSSI boundary and within the site in connection with the Drigg Stream relocation Full details of the attenuation pond together with supporting calculations should be provided as part of the revised FRA 	<p>The extent of the Drigg Stream diversion is shown on Figure 3.6 and is described at section 3.3.3 of the ES. A surface water assessment (including a Flood Risk Assessment) is summarised at Chapter 14 of the ES and included in full at Appendices L1 (Water Quality) L2 (Flood Risk Assessment) and L3 (Sustainable Drainage). A method statement for the diversion of the Drigg Stream is included at Annex L1-1 to Appendix L1 including details of how it has been specifically designed to support and provide enhanced semi-aquatic habitat for flora and fauna, to meet the requirements of the Water Framework Directive and to ensure compliance with the Salmon and Freshwater Fisheries Act and the Eel Regulations. Appendix L3 provide full details of the attenuation pond with supporting calculations and is taken into account in the Flood Risk Assessment at section 8.3.2 of Appendix L2. Drawings 47070159/SWM/01-06 in Appendix C to the ES show the proposed drainage system, including the attenuation pond, for the five phases of the proposed works.</p>
<i>Climate Change and Coastal Erosion</i>	
<ul style="list-style-type: none"> The impacts of future coastal erosion on the facility need to be assessed through the EIA - in more detail than in the previous application CCC expects the ES to include an assessment to demonstrate that the proposal accords with Core Strategy Policy 12 in respect of being feasible in relation to the long term integrity of the site Clarification should be provided as to long term coastal erosion impacts and the potential to expose the vaults and any contained waste CCC has previously provided written advice with regard to the scope of the assessment 	<p>Chapter 13 of the ES describes the likely effects of coastal erosion on the LLWR site and the resulting environmental impacts including the nature of the coastline during the erosion of the repository. The long-term coastal erosion impacts and the potential to expose the vaults and any contained waste is discussed in Chapter 13 of the ES and in detail in Appendices K1, K2, and K3.</p>
<i>Radiological</i>	

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<ul style="list-style-type: none"> The ES should include a chapter to assess the potential radiological impacts of the proposal 	<p>An assessment of radiological and non-radiological effects has been undertaken and is summarised at Chapter 6 of the ES and included in full at Appendices D1 – D3. Appendix D1 is an extract from the Environmental Safety Case (ESC) Main Report for the continued operation of the LLWR.</p>
<p><i>Community, Social and Economic Impacts</i></p>	
<ul style="list-style-type: none"> The ES should include a chapter to assess the potential impacts (positive and negative) which the development may have on the socio-economic character of the area Particular consideration should be given to employment issues and the potential impacts on local communities and amenity 	<p>An assessment of economic and social effects has been undertaken and is detailed at Chapter 15 of the ES. The assessment includes consideration of employment issues and impacts on local communities and services.</p>
<p><i>General Comments and Clarifications</i></p>	
<ul style="list-style-type: none"> The ES must constitute a single and accessible compilation of the relevant environmental information and the summary in non-technical language Detailed consultation responses prepared in relation to the previous application highlighted areas where additional or more robust information was required The description of the scheme within the ES should also include closure (i.e. in addition to construction and operation) 	<p>A Non-Technical Summary has been prepared to provide a summary of the Environmental Statement in non-technical language. The closure engineering (capping) is described at section 3.2.3 of the ES, the restoration is described at section 3.5 of the ES and the post-capping activity is described at section 3.6 of the ES.</p>