


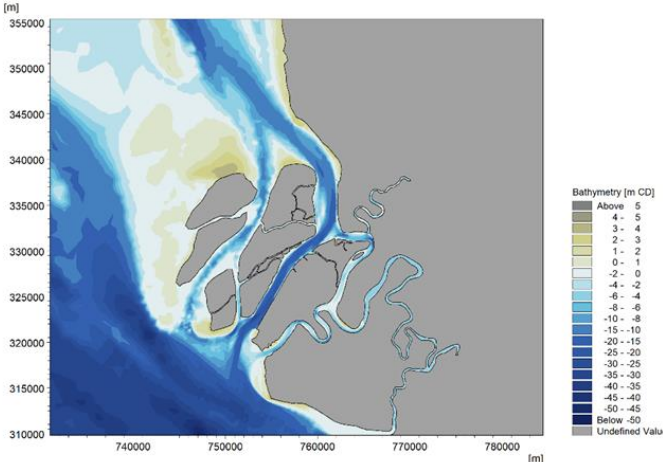
Table 1 Ulasan Bertulis and Responses – Terms of Reference Adequacy Check (TORAC) Meeting

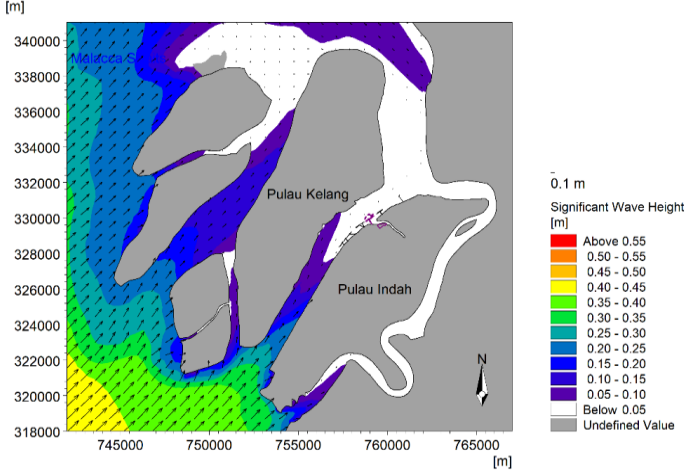
No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	Jabatan Meteorologi Malaysia (MET Malaysia)			
1	Winds			
	a) The report shall justify the usage of Climate Forecast System Reanalysis (CFSR) wind field temporal and its spatial resolution.	In the absence of long-term wind measurements at the Project area, DHI has adopted the Climate Forecast System Reanalysis (CFSR) atmospheric model, which is established by the National Centre for Environmental Prediction, USA (NCEP). CFSR is a coupled meteorological and oceanographic model system that uses synoptic data for initialization. CFSR wind data covering year 2011 -2015 with 0.20°× 0.20° spatial resolution and hourly interval is used in this Study. Further explanations will be provided in the EIA Report.	Section 6.4.4.2, Page 6-18	
	b) The report shall include the reason(s) for selecting the wind field extraction point, as shown in Figure 3.4.	The selected extraction point is considered representative of the Port Klang area. Based on DHI experience, nearshore or land winds from CFSR usually tend to underestimate wind speed, therefore an offshore location is preferred. To extend the analysis, wind data will be extracted from a nearshore location and presented in the EIA Report alongside time series and 2D plots.	Section 6.4.4.2, Page 6-18 to Page 6-20	
	c) The report shall include the details of methodology used for long term seasonal wind pattern, as shown in Figure 3.5 and 3.6.	A five (5) year wind dataset has been used for the wind analysis. The omni-directional wind rose plot shows predominant wind directions from northwest and southeast. In addition, an analysis of wind conditions during NE, SW and inter-monsoon seasons has been performed. The wind roses show that wind magnitude is much stronger during NE and SW monsoon seasons. Whereas the wind magnitude in inter-monsoon is mild. Further information on wind patterns will be provided in the EIA Report.	Section 6.4.4.2, Page 6-21	

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	d) The report has to clearly state the selected period (start and end) of the monsoon seasons.	<p>A full spring and neap tidal cycle covering 28-day period that takes into consideration tidal conditions, seasonal variations of meteorological conditions that include a combination of tide and wind effects has been selected for the impact assessment. DHI has long term meteorological/marine data in the Study area (more than 30 years) including water levels and winds and it has been observed that 2013 provides a representative year for the assessment of the proposed port development. The period selected to best represent the monsoon seasons are as follows:</p> <p>Inter-monsoon: April 2013 Northeast monsoon: December 2013 Southwest monsoon: July 2013</p>	<p>Section 6.4.4.2, Page 6-18 Section 7.4.3.1, Page 7-18</p>	
	e) We agreed that the short-lived squall line phenomenon is not considered in the reanalysis wind field. The same situation is true for land-sea breeze effect, which only could contribute to the temporary wind-wave in the study area.	<p>We concur with your comment; the effect of squalls will be described based on secondary data.</p>	<p>Section 6.4.4.2, Page 6-18</p>	
	f) Please state the period of wind speed and its atmospheric level in Figure 3.4.	<p>The data period taken to represent the wind speed is for five years from 2011 to 2015.</p>	<p>Section 6.4.4.2, Page 6-18</p>	
	g) In Figure 3.6 (NE Monsoon), the wind is predominantly from Northwest (NW) or Northwesterly wind instead of Northeast (NE) direction as stated in line 2 of Para 2.	<p>We stand corrected. The statement will be corrected in the EIA Report.</p>	<p>Section 6.4.4.2, Page 6-18</p>	

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	<p>h) Using global atmospheric model reanalysis is one of the best methods to acquire climatology information of meteorological parameter. However, some verification still needs to be carried out for the comparison between model reanalysis and in-situ observation data. We suggest that the report should include climatology information from nearest Principal or Automatic Weather Station to the study area, which is operated by MET Malaysia or other agencies. Furthermore, there is an observation station in One Fathom Bank Lighthouse (approximate coordinate: 2.885122°N, 101.000017°E, Figure A), which can be used as ground truth information.</p>  <p>Figure A: Location of One Fathom Bank Observation Point</p>	<p>Noted, we will verify against the wind measurement from Jabatan Meteorologi Malaysia, if this data is provided. From previous experience we observe that it is difficult to obtain long term measurements at the site, however we will engage with the Meteorological Department on this matter.</p>	<p>Section 6.4.4.2, Page 6-18</p>	

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2	Waves			
	<p>a) The report shall elaborate on the setup of the wave model used in this study report.</p>	<p>Wave transformation from offshore (Malacca Straits) to nearshore (Project site) was carried out using MIKE 21 Spectral Wave model. The transformation of waves includes the swell waves generated outside the model area (imposed as boundary conditions) and the waves locally generated by the wind (e.g. CFSR wind) within the model area.</p> <p>In order to simulate the wave conditions at the Study area, two different model domains were applied in this Study:</p> <p>* Regional wave model. This model extent covers Andaman Sea, Malacca Straits and South China Sea to establish the regional wave conditions outside of the local wave model.</p> <p>* Local wave model. The wave information from regional wave model are transferred to the local model with higher spatial resolution in order to provide a better description of the local wave process particularly around the Project site.</p> <p>All these and other details will be included in the hydraulic report of the EIA.</p>	<p>Section 7.4.3.1, Page 7-22 Appendix 2C</p>	
	<p>b) Wind forcing used to simulate the wave shall be mentioned and explained.</p>	<p>CFSR wind has been applied for the simulations. The details of the simulations will be provided in the EIA Report.</p>	<p>Section 7.4.3.1, Page 7-22 Appendix 2C</p>	
	<p>c) The prevailing wind is from Northwest, as depicted in Figure 3.6 during NE monsoon period, which is good enough to create wave energy to propagate to the north entrance of Straits of Klang. The friction process</p>	<p>A detailed bathymetry will be applied for the simulation of wave conditions at the site particular the description of the shallow sand bars at the complex geometries including channels and other features. The modelling includes friction losses as well as wave breaking to describe wave conditions at both the northern and southern entrances.</p>	<p>Section 7.4.3.1, Page 7-21 Appendix 2C</p>	

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	<p>of wave energy and the seafloor is one of the important mechanisms in shallow water wave dissipation. We suggest to include detailed of bathymetry map for the study area to support the reasoning of lower wave height entering the north entrance compared to the south entrance of Straits of Klang.</p>	<p>The details of the simulations will be provided in the EIA Report.</p> 		
	<p>d) The monsoon period shall be clearly mentioned in this study report.</p>	<p>Noted. Please refer to the response in Item 1 (d).</p>	<p>Section 6.4.4.2, Page 6-18 Section 7.4.3.1, Page 7-18</p>	
	<p>e) The significant wave height during the inter-monsoon period shall also be included.</p>	<p>Wave conditions during inter-monsoon are mild but they will be described in the hydraulic report of the EIA. See an example in the figure below.</p>	<p>Section 6.4.4.4, Page 6-26 to Page 6-29</p>	

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	<p>f) The report shall include the methodology in generating the maximum significant wave height.</p>	<p>The maximum wave conditions are extracted, for each condition, from a 28 days simulation. It is to be noted that this is not the maximum possible wave but the maximum value within the 28-day simulation period.</p>	<p>Section 6.4.4.4, Page 6-26 to Page 6-29 Section 7.5.1.1, Page 7-125 to Page 7-126, Page 7-130 to Page 7-132</p>	
	<p>Dr. Nik & Associates Sdn. Bhd. (Puan Zahara Yaakop)</p>			
<p>3</p>	<p>The Existing Environment</p>			
	<p>Section 3.2 a) No ESA listed within 5km radius.</p>	<p>This information will be included in the hydraulic report of the EIA.</p>	<p>Section 6.3, Page 6-2 to Page 6-5</p>	

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	b) Consideration of concurrent project.	Noted. The hydraulic study will take into consideration concurrent projects in the vicinity of the Westports expansion project. DHI has written in an application form to get the list of approved development surrounding the Study area from JPS Corporate Section on 14 th January 2020.	Section 7.4.3.1, Page 7-53	
4	Assessment of Environmental Impacts			
	Section 4.3, Table 4.2, Page 4-3 a) Impacts on flushing capacity at nearby rivers due to the proposed development should be assessed.	Potential flushing changes in the Study area and nearby river is associated with changes in current and water level patterns due to the impact of development. Therefore, the flushing will be evaluated by quantifying changes in current flows, water levels and water exchange in terms of discharges along relevant areas. Further details on the assessment of flushing capacity will be provided in the EIA Report.	Section 7.5.1.1, Page 7-116	
	b) Impacts on upstream flooding need to be assessed.	The hydraulic assessment will be focused on the potential impacts of the port development in upstream areas. If changes are predicted, compensation measures will be defined and evaluated in the hydraulic study of the EIA.	Section 7.5.1.1, Page 7-108, 7-113	
	c) Impacts on wave climate due to the proposed development should be assessed.	The wave assessment will be included in the hydraulic study of the EIA.	Section 7.5.1.1, Page 7-129 to Page 7-136	

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	<p>Section 4.4, Figure 4.2, Page 4-6</p> <p>d) Location of ADCP 1 does not meet the <i>Additional Requirements for Hydrodynamic Modelling for Application of Development Near Shoreline, June 11, 2013</i> (attached below).</p> <div data-bbox="315 564 741 651" style="border: 1px solid black; padding: 2px;"> <p>2.3 Lokasi pengutipan data bagi tujuan verifikasi model (model verification) hendaklah kurang dari 1 kilometer atau 1.852 batu nautical radius dari tapak cadangan projek.</p> </div>	<p>JPS guidelines are considered best practice recommendations to achieve the required outcomes of the Study and this is followed in hydraulic studies. It is important, however, to stress that the measurements are recommended to be carried out in areas that provide good information to describe the hydrodynamic conditions of the site and within the impact zone area.</p> <p>For the present Study, and due to the large development area and restrictions in terms of navigation, an ADCP was placed within the impact zone and north of the site in close proximity of the existing port but beyond the 1.8km recommended by JPS. DHI considered that this location provides a good description of the flow conditions in the Study area and does not produce any restrictions to the operation of the ships navigating through this area and limits the potential risks of damage of the equipment. This location was agreed and approved by Westports, Lembaga Port Klang and Jabatan Laut Malaysia and it has provided valuable information for the Study.</p>	<p>Appendix 2C (Field data collection for hydraulic study)</p>	
	<p>Page 4-10</p> <p>e) Flooding impact: Alteration in flow hydrodynamics of the estuarine area may lead to a reduction in the flow capacity at the river mouth which may eventually cause drainage problems and upstream flooding.</p>	<p>Noted. Please refer to the response in Item 4 (b).</p>	<p>Section 7.5.1.1, Page 7-108, 7-113</p>	

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	<p>f) Flushing capacity impact: The changes in the flow capacity at the river mouth also leads to a change in the exchange of the riverine and tidal waters. This may cause changes in the flushing capacity within the estuarine areas.</p>	<p>Noted. Please refer to the response in Item 4 (a).</p>	<p>Section 7.5.1.1, Page 7-116</p>	
	<p>MSR Inspire Professional Services (Prof. Dr. Mohd Shahwahid bin Haji Othman)</p>			
<p>5</p>	<p>Projek melibatkan reclamation dan melibatkan kawasan mangrove. Maka melibatkan skedul II EIA dan memerlukan laporan social impact assessment yang tersendiri menurut Manual Social Impact Assessment (SIA) untuk projek (2nd Edition) 2018 yang disediakan Plan Malaysia.</p> <p>Laporan TOR bagi Proposed Expansion of Container Terminal CT10-CT17 and its Associated Works at Westports, Pulau Indah telah bersetuju untuk melaksanakan Category 1 SIA under subsection 20B(1) and (2) of A1522 that requires an independent SIA report.</p> <p>Dari muka surat 4-25 Social Impact Assessment, pencadang projek bersetuju untuk melakukan suatu SIA dan bukan suatu Socio-Ekonomi Analysis (SEA). Ini bermakna bahagian impak sosio-ekonomi and social akan lebih meluas mengikut garis-panduan Manual Social Impact Assessment (SIA) untuk projek (2nd Edition) 2018.</p> <p>Persoalannya, dari segi memuaskan EIA reporting adakah bahagian impak sosio-</p>	<p>Social Impact Assessment (SIA) study will be conducted concurrently with the Environmental Impact Assessment (EIA) Study. The SIA report will be submitted to both PLANMalaysia and DOE as part of the EIA Study.</p> <p>We understand that approval by PLANMalaysia for the SIA report is not required prior to submission of EIA Report to DOE.</p> <p>To ensure accuracy and consistency, the outcomes and findings presented in the SIA report will also be presented in the EIA Report.</p>	<p>SIA Report will be submitted to PLANMalaysia and the EIA Report will be submitted to DOE Putrajaya; both reports will be submitted concurrently.</p>	

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	<p>ekonomi dan social akan menunggu kelulusan SIA di Panel SIA, Plan Malaysia atau dilakukan selari tanpa keperluan kelulusan SIA di Plan Malaysia.</p>			
6	<p>Projek melibatkan reclamation dan melibatkan kawasan mangrove, ini memberi kesan langsung kepada kehilangan kawasan mangrove dan aktiviti perikanan. Kumpulan nelayan dan operator akuakultur akan menerima kesan tambahan.</p> <p>Kajian EIA ini tidak memasukkan kajian penilaian ekonomi ke atas impak alam sekitar dan social, walau pun aktiviti reclamation, memajukan kawasan mangrove dan memberi kesan kepada komuniti perikanan.</p> <p>Tidak dinafikan projek ini memberi faedah ekonomi kepada negara dan negeri Selangor. Dalam isu-isu sosio-ekonomi, ada dua aspek - analisis kecekapan dan analisis ekuiti. Faedah ekonomi projek kepada negara menunjukkan aspek kecekapan tercapai. Perlu juga aspek ekuiti diambil kira dimana ada juga susutan sumber asli dan kos ekonomi yang mungkin dialami oleh stakeholders komuniti nelayan, orang asli dan pengunjung rekreasi.</p> <p>Oleh itu saya mengesyorkan EIA ini perlu melibatkan Kajian Penilaian Ekonomi.</p>	<p>The Westports Phase II expansion will have direct impact on a small area of mangroves (approximately 97ha). Based on the preliminary environmental scoping exercise carried out in 2019, the mangroves had been largely disturbed due to past development and are now sparsely scattered over the mudflat areas.</p> <p>The preliminary findings also show that the fishing and aquaculture activities are mainly located to the north of the proposed Westports Project area such as Pulau Ketam and Pulau Tengah and will not be affected by the Project. Because of the extensive port activities on Pulau Indah, fishing has been on a decline over the years and majority of the fishermen have switched to supplying recreational fishing boats, breeding and sale of live baits.</p> <p>Based on the preliminary findings, it has been deemed unnecessary to carry out an economic valuation which will be an academic exercise at the most.</p> <p>More importantly for the EIA, is to further identify and confirm the extent of the impacts on the affected areas and the communities, and to develop an off-set programme as necessary. For the mangrove area that will be destroyed by the Project, the consultants will establish the conservation value of the mangroves in terms of the biodiversity and determine the need to re-establish the mangroves elsewhere. In terms of socio-economic impact, the EIA will determine if there will be direct impact to the nearby communities arising from the Westports expansion and if so, quantify as far as possible, the income presently generated from the fishing and related activities. The</p>	<p>Section 7.4.1.1, Page 7-9</p> <p>Section 7.4.3.5, Page 7-98</p>	

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		information required for this quantification has been requested and will need to be furnished by Pejabat Perikanan Daerah Klang, Lembaga Kemajuan Ikan Malaysia, and Persatuan Nelayan Kawasan Klang and Pulau Indah.		
7	Stakeholders primer telah dikenal pasti. Saiz sampel ditentukan menggunakan Raosoft sample size formula. Perunding harus tetapkan saiz sampel. Kini tak dijelaskan. Formula yang ditunjukkan tidak betul. 'p' dalam formula bukan population tetapi proportion of the population yang mempunyai attribute (atau menerima kesan). Mohon betulkan formula dan tentukan saiz sampel.	<p>There are a number of approaches to determine sample size. These include using a census for small populations, imitating a sample size of similar studies, using published tables (e.g. Kreijcie & Morgan Table), using a sample size calculator (e.g. Raosoft), and applying formulae to calculate a sample size (e.g. Raosoft, Yamane, Slovin, or Cochran). In this Study, the Yamane equation will be adopted.</p> <p>The number of households located within the Zone of Study is approximately 1,547 in 2015 (Source: Pejabat Penghulu Kawasan Pulau Indah). Raosoft's sample size calculator gives a sample size of 308 households based on a confidence level of 95% and margin of error of 5%. Since the population, i.e. number of households, is known, Yamane or Slovin's formula can also be applied. Using the Yamane equation and assuming a similar confidence level of 95% and margin of error of 5%, a random sample of 317 households should be enough to give the confidence level needed.</p> <p>Yamane equation:</p> $n = \frac{N}{1 + N * (e)^2}$ <p>where:</p> <p>n = sample size N = size of population (In this Study refers to households) e = margin of error</p>	Section 6.6.4.2, Page 6-170	

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		<p><i>Reference: Yamane, Taro, 1967. Statistics: An Introductory Analysis. 2nd Ed. New York. Harper and Row</i></p> <p>For purpose of the proposed Project, the sample size shall be rounded up to 320 households.</p>		
	Jabatan Alam Sekitar Putrajaya			
8	Penggunaan Preliminary Environmental Impact and Social Impact Assessment page 1-1 & 1-2, sila gantikan kepada Environmental Impact Assessment.	<p>Westports carried out a masterplan study for the expansion of port terminals at Pulau Indah. The study commenced in mid-2018 and was completed in October 2019. The masterplan study included various technical studies and assessments by specialist consultants appointed by Westports to affirm the need for the Project, assess the suitability of the Project location, and to establish the layout of the proposed expansion of the port.</p> <p>Technical studies that were conducted as part of the masterplan study included port planning, marine traffic risk assessment and navigational safety, coastal hydraulics, land traffic assessment and a Preliminary Environmental and Social Impact Assessment.</p> <p>The reference made on Page 1-1 and 1-2, is for the earlier Preliminary Environmental and Social Impact Assessment carried out as part of Westports masterplan study.</p>	Section 2.1, Page 2-1	
9	Table list of consultant – sila letak tarikh sah pendaftaran setiap jururunding yang terlibat dan tandatangan setiap satu jururunding perlu disertakan sekali.	The list of consultants and the validity of DOE registration is provided in Attachment 1 . The signatures of the consultants will be furnished in the EIA Report.	Section 1.4, Page 1-3 to Page 1-5	
10	Penerangan mengenai turutan pelaksanaan projek (the sequence of the project implementation) tidak dijelaskan dengan terperinci.	The proposed phasing for the Project is still being developed and will be provided in more detail in the EIA Report.	Section 5.3, Page 5-6 to Page 5-11	

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	a) Ini meliputi kawasan yang mana akan dilakukan pengorekan terlebih dahulu atau aktiviti pembersihan mangrove.	The detailed project phasing and implementation schedule will be provided in the EIA Report.	Section 5.3, Page 5-6 to Page 5-11	
	b) Didalam setiap fasa pembangunan apa yang akan dilaksanakan terlebih dahulu perlu dibincangkan secara terperinci.	The detailed project phasing and implementation schedule will be provided in the EIA Report.	Section 5.3, Page 5-6 to Page 5-11	
11	Zone of Study and Mitigation Measures			
	a) Peta yang menunjukkan kawasan yang berhampiran dengan tapak projek seperti kilang – kilang, kawasan penyenggaraan kapal, kawasan penempatan dan kawasan jeti yang berhampiran hendaklah ditunjukkan.	A map showing the sensitive receptors in the vicinity of the Project area which includes industrial factories, shipyards, residential areas, and jetty will be provided in the EIA Report. Attachment 2 shows the map of sensitive receptors in the vicinity of the Project area.	Section 6.3, Page 6-2 to Page 6-5	
	b) Peta yang menunjukkan kawasan akuakultur / kolam ternakan ikan udang atau apa-apa jenis ternakan ikan mesti ditunjukkan didalam peta yang bersesuaian.	A map showing the aquaculture cages and any other aquatic farming areas will be provided in the EIA Report. Attachment 3 shows the aquaculture cages located around the Klang Islands.	Section 6.5.5.5, Page 6-134 to Page 6-136	
	c) Kawasan mangrove tidak ditunjukkan di dalam peta yang jelas.	Mangrove areas at the immediate Project site will be provided in the EIA Report. Attachment 4 shows the landuse (mangrove and mudflats) within the Project site.	Section 6.5.8, Page 6-139 to Page 6-141 Section 6.6.1.1, Page 6-157	
	d) Kawasan nelayan memancing dan menjalankan aktiviti tidak ditunjukkan dalam peringkat TOR.	Further details of the fishing activities by the local fishermen will be provided in the EIA Report.	Section 6.6.4.4, Page 6-180 to Page 6-182	

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	e) Apakah perbezaan antara water sampling and water monitoring station table 4.6 and table 4.5?	<p>The main purpose of water sampling stations listed in Table 4.5 in the TOR document is to assess the existing conditions of water quality in the Study area for input into the model for the sediment and hydraulic impact assessment. The parameters that have been analysed are dissolved oxygen, temperature, pH, salinity, as well as total suspended sediments.</p> <p>The main purpose of the marine water quality assessment is to establish the baseline dataset of overall marine water quality at the proposed Project area prior to the commencement of any activities related to the development of the Project.</p> <p>Sampling of marine water at the proposed locations will be conducted at three depths, i.e. surface, middle, and bottom during ebb and flood tide. Details of the marine water quality sampling is as listed in Table 4.6. Marine water quality will be assessed against the Malaysian Marine Water Quality Standards and Index published by the Department of Environment.</p>	Section 6.4.9, Page 6-52	
12	Kajian Impak			
	a) Impak matriks perlu dikemukakan bagi melihat impak projek pada setiap peringkat dan aktiviti yang dijalankan.	The assessment matrix will be provided in detail in the EIA Report to summarise all the potential impacts arising from the Project.	Section 7.6, Page 7-241 to Page 7-243	
	b) Kajian hidraulik hendaklah juga mengenal pasti impak terhadap kawasan penyenggaraan kapal yang terdapat lebih kurang 2 km dari tapak cadangan projek.	The hydraulic study will take into consideration the potential impact if any, to the shipyard area located along the Eastern Channel of Selat Lumut. The findings will be provided in the EIA Report.	Section 7.4.3.1, Page 7-30 Section 7.5.1.1, Page 7-107	

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	c) Jumlah dreg material yang akan dilupuskan perlu dianggarkan diperingkat EIA dan kawasan pelupusan hendaklah ditetapkan.	Total volume of dredged materials which will be disposed and the spoil disposal areas will be described in the EIA Report.	Section 5.2, Page 5-5 Section 7.4.2.1, Page 7-12	
	d) Impak pergerakan sedimen hendaklah dibuat sehingga ke reseptor sensitive seperti kawasan akuakultur aktiviti ikan dalam sangkar dan lain – lain.	The sediment and hydraulic impact assessment will determine if the extent of the sediment transport due to the Project will carry as far as the aquaculture activities. The findings will be provided in the EIA Report.	Section 7.4.3.1, Page 7-32, 7-62	
	e) Langkah kawalan yang akan dicadangkan perlu dikenal pasti pada peringkat TOR untuk dikaji dengan mendalam pada peringkat EIA.	Some of the mitigation measures identified for the key impacts anticipated to arise from the Project have been indicated in Chapter 5 of the TOR. Further proposals for mitigation measures will be provided following the in-depth studies of the EIA.	Mitigation measures are provided at the end of each Project activity in Chapter 7 of the EIA Report.	
	f) Pengurusan kumbahan yang akan dihasilkan dari rumah pekerja semasa pelaksanaan projek dan setelah projek beroperasi, tentang bagaimana kawalannya perlu dikaji dan dimasukkan dalam skop kajian ini.	Preliminary assessment indicate that workers' quarters may not be required for the Project since the Project is situated close to urban areas with available housing. Nevertheless, this will be further confirmed and if required, waste related issues from workers' quarters and its control and mitigation measures during the construction phase of the Project will be provided in detail in the EIA Report.	Section 7.4.3.5, Page 7-95, 7-97	
Jabatan Alam Sekitar Negeri Selangor				
13	a) Lokasi tapak pelupusan sisa dredging hendaklah ditentukan dan kapasiti sisa yang dilupuskan hendaklah bersesuaian dengan kapasiti tapak kawasan pelupusan.	Location of spoil disposal area and the total volume of dredged materials which will be disposed will be described in the EIA Report.	Section 5.2, Page 5-5 Section 7.4.2.1, Page 7-12	

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	b) Terdapat 8 lokasi aktiviti pengerukan pasir pelantar benua berhampiran dengan tapak cadangan projek yang perlu diambil kira dan diberi perhatian.	Noted. Issues relating to the sourcing of sand will be covered in the EIA Report.	Section 7.4.2.1, Page 7-12	
	c) Keperluan untuk menaiktaraf loji kumbahan sedia ada hendaklah diperincikan.	A new Sewage Treatment Plant (STP) will be constructed to cater to the additional PE upon the expansion of Westports Phase II. This will be explained in more detail in the EIA Report.	Section 5.6.2.5, Page 5-24 Section 5.7.2.5, Page 5-40	
	Universiti Sains Malaysia (Dr. Mahadi Mohammad)			
14	a) Sampling points for benthos and plankton should cover the same points of marine water quality for future impact analysis.	The sampling points for marine ecology (benthos and plankton) and marine water quality within the 5km radial distance from the boundary of the proposed Project has been merged. Attachment 5 shows the revised sampling points of marine water quality.	Section 6.4.9, Page 6-55 Section 6.5.1, Page 6-76	
	b) Add another level of sieve (50 → 500μ) for meiobenthos. Impact of foods (meiobenthos) for macrobenthos should be studied as well.	The macrobenthic community will be used as a measure of the benthic productivity which in turn will be a proxy measure for the meiobenthos productivity. The inclusion of meiobenthos in the sampling will require long periods of time for their identification and especially if food dynamics and food chain studies are also required. The macrobenthic level of study is deemed appropriate for the EIA since the objective is to get a general indication of the productivity of the marine environment, whereas meiobenthic and food chain studies would be more suitable for a research level.	Section 6.5.2, Page 6-81 to Page 6-89	
	c) Collection of crustaceans (ketam) also important as well as gastropods and bivalves.	Gastropods will be used as proxy for the mangrove habitat condition as gastropods are sensitive to varying levels of disturbance to mangroves (see <i>*Singh & Norashekin,</i>	Section 6.5.1, Page 6-80	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
		2016). Gastropods are easier to sample and are sound biological indicators of habitat change, and are therefore deemed adequate for the EIA. Nevertheless, the comment is well received regarding the crustaceans and bivalves and these will be sampled where possible. <i>(*Singh, H.R. & Norashekin, K.B. (2016). Gastropod community structure from varying levels of mangrove disturbance in Selangor, Malaysia. The Malaysian Forester 2016, 79 (1 & 2), 54-63)</i>	Section 6.5.5.4, Page 6-132 Section 6.5.8.1, Page 6-141	
	d) Justification of choosing the sampling points for macrobenthos / plankton and marine water quality.	The 15 sampling points are chosen to represent the zone of impact within 1, 3 and 5 km radius of the Project site.	Section 6.5.1, Page 6-76 to Page 6-79	
Lembaga Kemajuan Ikan Malaysia (LKIM)				
15	a) Dipohon pihak konsultan untuk menjalankan FGD / survey bersama kumpulan nelayan yang diiktiraf oleh LKIM dan MOA iaitu Persatuan Nelayan Kawasan Pelabuhan Klang, Selangor.	Focus group discussion (FGD) will be conducted with LKIM-certified fishermen located in the vicinity of the Project area.	Section 6.6.6, Page 6-186 to Page 6-193	
	b) Dipohon juga agar kesan pemendapan turut dikaji terhadap jeti / pengkalan nelayan yang berhampiran. Terdapat 6 buah jeti LKIM di sepanjang kawasan terlibat.	The hydraulic impact assessment will cover the fishermen jetties nearby. The findings will be provided in the hydraulic report of the EIA.	Section 7.5.1.1, Page 7-107	
Bahagian Udara, Jabatan Alam Sekitar Putrajaya				
16	Pihak penggerak projek boleh meneruskan kajian dan mengemukakan laporan EIA berdasarkan kehendak PPKAS (UB) 2014 dan memenuhi garis panduan alam sekitar bagi kawalan dan had bunyi bising	Reference will be made to the Environmental Quality (Clean Air) Regulations 2014 and Guidelines for Environmental Noise Limits and Control, 3 rd Edition (2019) in the assessment for ambient air quality as well as noise and vibration levels.	Section 6.4.10 (Air), Page 6-67	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	merangkumi skop, analisa, pengukuran dan pelaporan edisi 3 terbitan JAS, Disember 2019.		Section 6.4.11 (Noise), Page 6-71	
Bahagian Bahan Berbahaya, Jabatan Alam Sekitar Putrajaya				
17	a) Tiada chapter khusus untuk pengoperasian aktiviti-aktiviti perkapalan. Chapter ini adalah perlu untuk bahagian ini memahami buangan yang akan dijana dari semua aktiviti-aktiviti perkapalan yang dilakukan untuk pengurusan buangan.	The EIA Report will provide more details on the operations of the port activities at the proposed Westports Phase II. This will include a description of the types of wastes generated as well as the methods for handling and disposal of the wastes.	Section 5.7.3.5, Page 5-43 to Page 5-45	
	b) Project proponent mencadangkan lokasi pembangunan Port Reception Facility (PRF) tertakluk di bawah MARPOL dan aktiviti-aktiviti pengurusan buangan dari aktiviti-aktiviti melibatkan perkapalan apabila telah beroperasi.	Currently, Westports engages licensed and DOE-registered waste operators to collect and recycle or dispose of the scheduled wastes generated from the existing port activities. This same port reception services method of waste handling is planned for the proposed Phase II expansion. Westports is in discussion with the Port Klang Authority on the requirement for either the port reception facility or the current port reception services within the Port area. The waste handling methods for the proposed Westports Phase II expansion will be described in the EIA Report.	Section 5.7.3.5, Page 5-43 to Page 5-45	
	c) Pengurusan buangan terjadual yang dijana dari aktiviti-aktiviti perkapalan (setelah beroperasi) dinyatakan dalam laporan DEIA.	The scheduled waste handling methods for the proposed Westports Phase II expansion will be described in the EIA Report.	Section 5.7.3.5, Page 5-43 to Page 5-45	
	d) Way forward ke PRF di bawah MOT.	The planning for the proposed Westports Phase II expansion has been submitted and presented to the Port Klang Authority / MOT and approval in principle has been obtained for the expansion plan. The plan does not	Section 5.7.3.5, Page 5-43 to Page 5-45	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
		include a dedicated Port Reception Facility within the Port area at this conceptual plan stage. As this involves shipping lines, the requirement for such a facility within the Port area will need to be discussed in greater detail with the Port Klang Authority and shall be described in the EIA Report.		
Jabatan Laut Malaysia				
18	a) Kajian dan penilaian Analisa Risiko Marin bagi aktiviti melibatkan kapal dalam perairan Malaysia sepertimana Notis Perkapalan Malaysia (NPM) Bil. 2/2019 perlu dikemukakan.	<p>The EIA Report will include marine traffic risk assessment and navigational safety assessment studies as these are the key aspects of the port operations.</p> <p>A discussion was held with the Pengarah Laut and officers from Jabatan Laut Wilayah Tengah on 21st February 2020 to clarify the requirements for submission of a Marine Risk Assessment (MRA) for the proposed Project. Jabatan Laut Wilayah Tengah has agreed that MRA is not required to be submitted as part of the approval of the EIA Report.</p> <p>However, MRA study shall be conducted by the dredging/reclamation contractor and submitted to Jabatan Laut for their approval prior to construction stage as there may be a lot of extra marine traffic movements generated by this activity which will cause additional maritime traffic risks.</p> <p>The Marine Traffic Risk Assessment (MTRA) and Full Mission Ship Simulation (FMSS) have been conducted and approved by LPK. These reports and the findings will be included in the EIA Report.</p>	Section 7.5.2.1, Page 7-148	
	b) Impact from the reclamation activities to the Marina Pulau Indah, i.e. safe channel in Selat Lumut, enough draft for yacht.	Impacts from the reclamation activities to Marina Pulau Indah will be minimal. Compensation dredging up to -8mCD will be conducted along Selat Lumut to prevent flooding at the upstream areas. In view of the compensation dredging, Selat Lumut will be a safe	Section 7.4.3.1, Page 7-63	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
		channel for yachts to sail. These details will be provided in the EIA Report.		
	c) Port Reception Facilities for MARPOL 73/78 – Oil, HNS, Garbage, Sewage from ships to shore adequate?	Please refer to responses in Item 17 (a) to (d).	Section 5.7.3.5, Page 5-43 to Page 5-45	
Jabatan Pengairan dan Saliran				
19	a) Penilaian Hidraulik perlu diberikan penekanan terhadap impak di kawasan Pulau Carey. Konfigurasi penambakan berpotensi memberi impak hakisan kepada Pulau Carey. Satu analisa 'Shoreline Evolution' hendaklah dilaksanakan.	The hydraulic study will take into consideration the potential impacts if any, on Pulau Carey. Information on the existing erosion problem at Pulau Carey will be required from JPS Selangor in order for a proper assessment to be conducted. DHI is engaging with JPS HQ (Ir. Mahran) and JPS Selangor (En. Jamaludin) to obtain their feedback on the matter.	Section 6.4.5.1, Page 6-30 to Page 6-32	
	b) Batimetri telah dilaksanakan pada Jun 2018. Berdasarkan 'Keperluan Permodalan Hidrodinamik, 2013', validiti (tempoh) data perlu dipastikan masih 'valid' untuk digunakan di dalam kajian hidraulik.	The bathymetry data is valid for 2 years following JPS guidelines, the expiry date of the validity of this data is June 2020.	Section 6.4.3, Page 6-14	
	c) Masukkan komponen 'Shoreline Evolution' di dalam TOR. Penekanan khusus di Pulau Carey.	Noted, potential impacts if any, to the shoreline of Pulau Carey will be included in the hydraulic report of the EIA.	Section 6.4.5.1, Page 6-30 to Page 6-32	
	d) Semak validiti (tempoh) data batimetri.	The bathymetry data is valid for 2 years following JPS guidelines, the expiry date of the validity of this data is June 2020.	Section 6.4.3, Page 6-14	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	Jabatan Pengairan dan Saliran Negeri Selangor			
20	a) Kajian Impact Stormwater Management.	Stormwater management will be included in the EIA Report.	Section 5.7.2.5, Page 5-38	
	b) Drainage sistem berpandu MASMA 2 nd edition JPS.	Noted. The engineering design for the drainage system of the proposed port expansion will be in accordance with MASMA 2 nd edition JPS.	Section 5.7.2.5, Page 5-38	
	Pusat Hidrografi Nasional			
21	a) Data pengukuran batimetri hanya digunakan dengan C-MAP. Seharusnya data validasi dibuat dengan carta MAL yang berkaitan/berkenaan.	Noted, a comparison of Mike C-Map data against the MAL chart will be included in the hydraulic report of the EIA.	Section 6.4.3, Page 6-14 Section 7.4.3.1, Page 7-21	
	b) Data perlu dimajukan ke PHN untuk QC dan boleh digunakan untuk numerical model bersama dengan water level.	Noted, DHI has sent the bathymetry and water level data to PHN on 17 th February 2020.	Data was submitted to PHN on 17 th February 2020.	
	c) Pengukuran dilaksanakan pada 23/6/2018, memandangkan aktiviti pengerukan untuk perkapalan kerap dilakukan, data terkini perlu diteliti dan dikemaskini.	The bathymetric data collected in June 2018 is still valid and within the 2 years period according to JPS guideline, therefore it is appropriate for this Study.	Section 6.4.3, Page 6-14	
	d) Data pengukuran batimetri	Sent to PHN, see response to Item 21 (b).	Data was submitted to PHN on 17 th February 2020.	
	e) Data pasang surut (water level)	Sent to PHN, see response to Item 21 (b).		

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	Pejabat Perikanan Negeri Selangor			
22	<p>Projek pelebaran terminal kontena Westports Malaysia Sdn. Bhd. CT10-CT17 merupakan projek yang berskala besar dengan keluasan projek sebanyak 550 hektar dan mengambil masa yang lama untuk disiapkan iaitu bermula tahun 2020 sehingga tahun 2035.</p> <p>Projek ini juga melibatkan kerja-kerja penggerukan sedimen, pemindahan dan pelupusan sedimen yang tidak diperlukan, penambakan pasir laut dan pembinaan terminal kontena yang mengunjur ke laut serta menjadikan Selat Lumut semakin sempit untuk kegunaan nelayan keluar masuk ke kawasan penangkapan ikan dari pangkalan atau jeti nelayan.</p> <p>Selain itu, projek ini juga melibatkan kawasan berlumpur (mudflat) dan kawasan paya bakau yang menjadi tempat pembiakan (nursery ground) anak-anak dan benih ikan, udang dan ketam yang merupakan hasil tangkapan nelayan pantai di kawasan Pulau Indah, Pulau Carey dan Pulau Ketam.</p> <p>Kawasan penangkapan ikan (fishing ground) nelayan pantai juga termasuk di dalam kawasan Zone of Study (ZOS) dan Zone of Impact (ZOI).</p>			
23	a) Peta kawasan projek pelebaran terminal kontena dengan garisan Port Limit yang jelas dan adakah projek pelebaran ini akan	The port limit of Port Klang encompasses an area of about 70 square nautical miles. The current port limit is shown in Attachment 6 (Ref: <i>Port Klang Malaysia: Marine Information Handbook 5th Revision 2019</i>).	Section 5.5, Page 5-14 to Page 5-17	

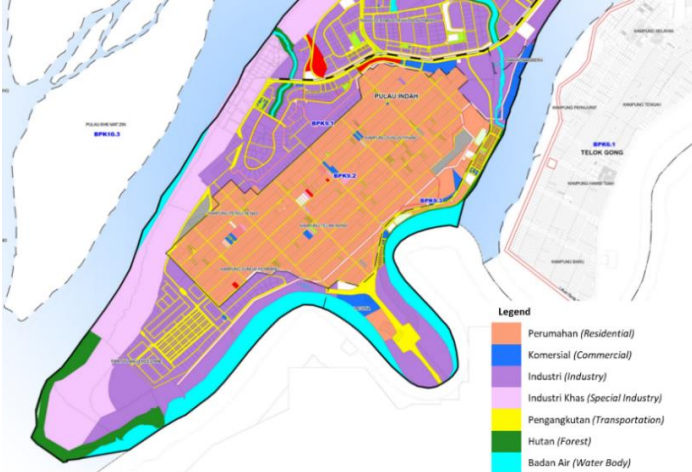
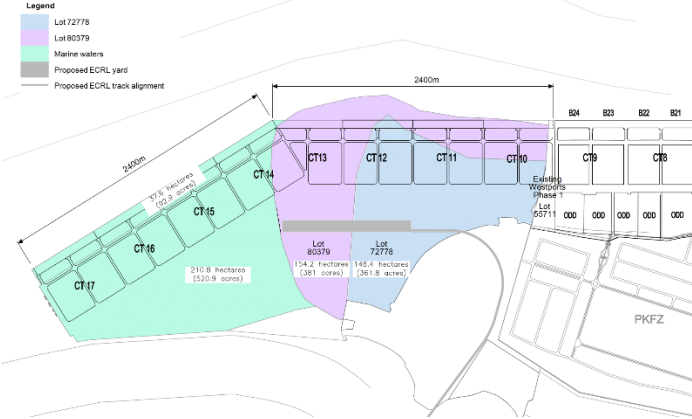
No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	menyebabkan kawasan Port Limit semakin luas.	The proposed expansion of Westports Phase II is confirmed to be within the existing port limit.		
	b) 3.4.5 Fish – Penjelasan mengenai spesies ikan ketutu.	The information with regards to the species <i>Ikan Ketutu</i> was taken from preliminary interviews with fishermen and Persatuan Nelayan during the earlier study carried out in 2018, and not from direct sampling or from research papers. It is understood that <i>ketutu</i> is a freshwater fish and its mention may have been anecdotal by the fishermen. This will however be confirmed when the fish sampling and further surveys are completed and the findings will be provided in the EIA Report.	<i>Ikan Ketutu</i> is absent in the fish sampling conducted in this EIA study.	
	c) Menjalankan penilaian ekonomi terhadap nelayan yang terlibat di Pulau Indah, Pulau Ketam dan Pulau Carey dari segi pengurangan pendapatan dan peningkatan kos operasi akibat daripada pelaksanaan projek ini dan perbandingan sebelum projek dijalankan, semasa projek dijalankan dan selepas projek selesai.	<p>As per the response to Item 6, the Westports Phase II expansion will have direct impact on a small area of mangroves (approximately 97ha) that had been largely disturbed due to past development and are now sparsely scattered over the mudflat areas.</p> <p>The fishing and aquaculture activities located to the north of the proposed Westports Project area such as Pulau Ketam and Pulau Tengah will not be affected by the Project; there are also no anticipated impacts on the activities of Pulau Carey. Because of the extensive port activities on Pulau Indah, fishing has been on a decline over the years and majority of the fishermen have switched to supplying recreational fishing boats, breeding and sale of live baits.</p> <p>The EIA will determine if there will be direct impact to the nearby communities arising from the Westports expansion and if so, quantify as far as possible, the income presently generated from the fishing and related activities. The information required for the quantification will need to be furnished by Pejabat Perikanan Daerah Klang, Lembaga</p>	<p>Section 6.6.4.3, Page 6-175</p> <p>Section 6.6.5.3, Page 6-184</p>	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
		Kemajuan Ikan Malaysia, and Persatuan Nelayan Kawasan Klang and Pulau Indah.		
	<p>d) Menjalankan kajian komposisi ikan, kawasan penangkapan ikan, kawasan pembenihan ikan dan ikan bertelur, kawasan kerang semulajadi, kawasan pemancing rekreasi, melaporkan pendaratan ikan (MT dan RM) mengikut zon dan jenis peralatan dalam tempoh lima tahun kebelakang, purata pendapatan nelayan setahun, julat saiz ikan (min-maks), <i>length at first maturity classes</i>, <i>definition of maturity classes</i>, <i>density of fish by species by maturity classes</i> dan <i>biomass of fish species by maturity class</i>.</p>	<p>Fish landings information will be obtained from Jabatan Perikanan, Lembaga Kemajuan Ikan Malaysia (LKIM) and where possible from fishermen and Persatuan Nelayan.</p> <p>Length at first maturity data – this will require much time to assess and will not be possible to carry out as part of the EIA Study. However, data on fish maturity will be presented and definition of maturity classes can be given (although this is purely an index of measure only).</p> <p>Fish density/biomass – this will be presented as stated in the TOR document. It will be presented as Catch Per Unit Effort (Density and Biomass) and can also be presented as per the maturity classes.</p> <p>The natural <i>kerang</i> areas will be determined by discussions with Jabatan Perikanan and the local fishermen as well as by looking at any past, present and future activities.</p> <p>Recreational fisheries will be addressed based on information to be obtained from or through Jabatan Perikanan, fishermen and Persatuan Nelayan.</p>	<p>Section 6.5.5.1 (Fish landings), Page 6-99 to Page 6-113</p> <p>Section 6.5.5.3 (Recreational fishing), Page 6-131 to Page 6-132</p>	

Table 2 Written Comments from the Minutes of Meeting and Responses – Terms of Reference Adequacy Check (TORAC) Meeting

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	Lembaga Pelabuhan Klang			
1	a) Wakil Jabatan ini menyatakan keperluan untuk menyediakan Waste Reception Facilities (WRF) bagi pengurusan sisa yang akan terhasil semasa projek ini beroperasi.	The planning for the proposed Westports Phase II expansion has been submitted and presented to the Port Klang Authority / MOT and approval in principle has been obtained for the expansion plan. The plan does not include a dedicated Port Reception Facility within the Port area at this conceptual plan stage. As this involves shipping lines, the requirement for such a facility within the Port area will need to be discussed in greater detail with the Port Klang Authority. The proposed method for handling of wastes at the port shall be described and assessed in the EIA Report.	Section 5.7.3.5, Page 5-43 to Page 5-45	
	b) WRF ini akan dapat digunakan bagi menguruskan buangan terjadual dan buangan sisa pepejal yang terhasil dengan lebih baik.	Westports is in discussion with the Port Klang Authority on the requirement for either the port reception facility or the current port reception services within the Port area. The proposed method for handling of wastes shall be described and assessed in the EIA Report.	Section 5.7.3.5, Page 5-43 to Page 5-45	
	Jabatan Ketua Pengarah Tanah dan Galian (JKPTG)			
2	a) Maklumat mengenai status tanah di kawasan yang dicadangkan perlu dinyatakan didalam laporan.	The affected land lots at the proposed Project area have been provided in the TOR. The land status of each lots will be described in the EIA Report.	Section 5.4, Page 5-13 Section 6.4.1, Page 6-6 Section 7.3.2, Page 7-7	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	b) Isu berkaitan penggunaan dan pengambilan pasir untuk tujuan penambakan laut perlu diselesaikan dan mendapat kebenaran daripada Pejabat Tanah dan Galian (PTG).	Issues relating to the sourcing of sand will be described in the EIA Report. We take note that approval will need to be obtained from Pejabat Tanah dan Galian (PTG) on this matter.	Section 7.4.2.1, Page 7-12	
Majlis Perbandaran Klang				
3	a) Pihak MPK memaklumkan belum ada sebarang permohonan kebenaran merancang (KM) bagi projek ini diterima.	Application for Kebenaran Merancang for the proposed Project will be initiated by the Project Proponent Westports Malaysia Sdn. Bhd.	<i>Kebenaran Merancang (KM)</i> will be submitted by the Project Proponent in due course.	
	b) Isu zon kawasan ekologi yang terdapat dalam kawasan cadangan projek perlu diselesaikan terlebih dahulu sebelum permohonan dibuat.	The coastline of the proposed Project site is currently zoned as Ecological Area since it is a mangrove area. Under the <i>Draf Rancangan Tempatan Majlis Perbandaran Klang 2035 (Penggantian)</i> , the western coastline of Pulau Indah is zoned for Industri Khas (see figure below). The request to change the zoning category for the affected coastline has already been submitted by Westports Malaysia Sdn. Bhd. and is pending approval. Lot 80379 (water area) and Lot 72778 (see figure below) have been acquired with land titles owned by Westports Malaysia Sdn. Bhd. and its major shareholder, respectively.	Section 5.4, Page 5-13 Section 6.4.1, Page 6-6 Section 7.3.2, Page 7-7	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
		 <p>Source: <i>Pelan Cadangan Guna Tanah Blok Perancangan 9, Draft Rancangan Tempatan Majlis Perbandaran Klang 2035 (Penggantian)</i></p> 		

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
Jabatan Perikanan Malaysia				
4	a) Kawasan yang menunjukkan had pelabuhan (port limit) perlu ditandakan dengan jelas di dalam peta bagi mengelakkan berlaku konflik kawasan nelayan dan juga pelabuhan.	The port limit of Port Klang encompasses an area of about 70 square nautical miles. The current port limit (see Attachment 1) will be provided in the EIA Report. The proposed expansion of Westports Phase II is confirmed to be within the existing port limit.	Section 5.5, Page 5-14 to Page 5-17	
	b) Data berkaitan kawasan 'spawning area' bagi habitat ikan perlu dikenal pasti dalam kajian ini.	Noted. The EIA will include an assessment of the spawning area within the zone of study.	Section 6.5.8, Page 6-139	
	c) Bagi kajian sosio ekonomi keperluan untuk mendapatkan responden dalam kalangan orang asli adalah sangat penting untuk mendapatkan maklumat yang sebenar mengenai kegiatan ekonomi dan sosial mereka.	Noted. The Social Impact Assessment (SIA) study will include the Orang Asli community located within the zone of study.	Section 6.3, Page 6-2 Section 6.6.4, Page 6-169	
Pejabat Tanah dan Galian (PTG)				
5	a) Wakil Jabatan ini menyatakan bahawa lot 80379 adalah dizonkan sebagai kawasan zon ekologi.	See response to Item 3 (b).	Section 5.4, Page 5-13 Section 6.4.1, Page 6-6 Section 7.3.2, Page 7-7	
	b) Perincian mengenai fasa pertama dan fasa kedua pembangunan hendaklah dinyatakan dalam laporan ini.	The detailed project phasing and implementation schedule will be provided in the EIA Report.	Section 5.3, Page 5-6 to Page 5-11	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	c) Sumber pengambilan pasir atau tanah yang akan digunakan untuk aktiviti penebusgunaan tanah perlu dinyatakan.	See response to Item 2 (b).	Section 7.4.2.1, Page 7-12	
	d) Kajian perlu juga melibatkan tentang kesesuaian tanah yang akan digunakan untuk aktiviti penebusgunaan tanah yang dicadangkan.	As mentioned in the TOR in Section 2.4.2, the EIA report will discuss the subject of suitability of dredged material for the reclamation works.	Section 5.7.2.5, Page 5-37	
Jabatan Perancangan Bandar dan Desa (PLANMalaysia)				
6	a) Wakil Jabatan ini menyatakan bahawa lot 80379, masih terletak didalam zon ekologi. Oleh itu sebarang pembangunan lain adalah tidak dibenarkan melainkan ianya telah dikeluarkan daripada zon tersebut.	See response to Item 3 (b).	Section 5.4, Page 5-13 Section 6.4.1, Page 6-6 Section 7.3.2, Page 7-7	
	b) Dapatan kajian penilaian impak sosial hendaklah dinyatakan di dalam laporan ini.	The outcomes and findings presented in the SIA Report will be presented in the EIA Report.	Section 6.6, Page 6-155 Section 7.4.3.5, Page 7-95 Section 7.4.4.4, Page 7-104 Section 7.5.2.4, Page 7-189 Section 7.5.4.1, Page 7-196	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	c) Cadangan projek perlu merujuk kepada Majlis Perancangan Fizikal Negara (MPFN).	The SIA Report will be prepared and submitted to PLANMalaysia who will then review and provide a decision and recommendation to MPFN on approval of the SIA and the Project.	SIA Report will be submitted to PLANMalaysia and the EIA Report will be submitted to DOE Putrajaya; both reports will be submitted concurrently.	
Bahagian Air dan Marin, Jabatan Alam Sekitar Putrajaya				
7	a) Persampelan air marin hendaklah diselaraskan dengan persampelan ekologi marin bagi mengenalpasti impak selepas pelaksanaan nanti.	The sampling points for marine ecology (benthos and plankton) and marine water quality within the 5km radial distance from the boundary of the proposed Project has been merged.	Section 6.4.9, Page 6-55 Section 6.5.1, Page 6.76	
	b) Impak pergerakan sediment plume perlu dikaji dengan terperinci dalam kajian ini.	Sediment plume modelling will be conducted as part of the hydraulic impact assessment. The modelling will be carried out using MIKE 21 MT FM for representative seasonal conditions and for calculated sediment spill rates based on the proposed works schedule for the reclamation and dredging. The sediment plume induced by the reclamation and dredging works has been identified as a potential hydraulic impact associated with the proposed Project development.	Section 7.4.3.1, Page 7-24 to Page 7-53	
	c) Jururunding EIA hendaklah menggunakan standard kriteria baharu bagi pengawasan kualiti air marin yang diterbitkan oleh JAS dalam membuat pengawasan alam sekitar.	The Malaysian Marine Water Quality Standards and Index published by DOE will be used as a guideline in the assessment of marine water quality.	Section 6.4.9, Page 6-53	

No	Item	Justification during TOR Stage	EIA Reference Section/Page	Remarks by DOE
	d) Parameter <i>entrococi</i> perlu dimasukkan didalam parameter pengawasan yang dicadangkan.	<i>Enterococci (count/100ml)</i> will be included as one of the parameters in the marine water quality analysis.	Section 6.4.9, Page 6-53	
	Bahagian Bahan Berbahaya, Jabatan Alam Sekitar Putrajaya			
8	a) Pengurusan tentang <i>ballast water</i> daripada kapal – kapal yang singgah di pelabuhan perlu dibincangkan di dalam laporan EIA.	Ballast water management from the ships will be discussed in the EIA Report.	Section 7.5.2.2, Page 7-184 to Page 7-187	