Mayall, Jane EAO:EX

From:	Amanda Zinter <amanda_zi< th=""><th>inter@wlng.ca></th></amanda_zi<>	inter@wlng.ca>
ent: Thursday, July 31, 2014 11:55 AM		5 AM
To:	Smith, Alanya C EAO:EX; Itay	lor@hemmera.com; Byng Giraud
Cc:	Mayall, Jane EAO:EX	, , , , , , , , , , , , , , , , , , , ,
Subject:	30050-20/WLNG-15	RE: Project Shapefiles

Hi Alanya,

I will look into the request and get back to you asap. Very sorry for missing the call this am, Byng and I were in a meeting with Climate Action Secretariat that went over the allotted time. I spoke to Lara who has updated me and Byng will send you a separate update on FN today.

Thanks,

Amanda

From: Smith, Alanya C EAO:EX [mailto:Alanya_Smith@gov.bc.ca] Sent: July-31-14 11:39 AM To: Lara Taylor (<u>Itaylor@hemmera.com</u>); Byng Giraud; Amanda Zinter Cc: Mayall, Jane EAO:EX Subject: Project Shapefiles

Hello,

Would it be possible to provide us with shapefiles of the proposed Project (facility site and marine route) and a kmz (Google Earth file) to make available to the working group? This has been requested by Arch Branch to assess whether existing arch sites are documented the area.

Thank you,

Alanya

Alanya Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: s.17 s.17 | Fax: (250) 387-2208

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Mayall, Jane EAO:EX

From:	Lara Taylor <ltaylor@hemm< th=""><th>nera.com></th></ltaylor@hemm<>	nera.com>	
Sent:	Monday, July 28, 2014 9:49 AM		
То:	Smith, Alanya C EAO:EX; 'Byng Giraud'; 'Amanda Zinter'		
Cc:	Mayall, Jane EAO:EX; Paulso	on, Amber EAO:EX	
Subject:	30050-20/WLNG-15	RE: SCRD Comments re Woodfibre LNG Valued	
-	Components		

Thank you Alanya. We will integrate the comments into our public comment tracking tables.

I have added the SCRD's letter to our folder for the next round of Working Group comments. Can you let me know whether you would prefer that we create a separate spreadsheet for tracking the second round of FN and WG comments or whether we should be adding onto the first round comments?

The dAIR and tracking table are on schedule for submission to the EAO this morning. We have one response in the tracking table that may not be available in time, but could be provided within the next day.

Lara

From: Smith, Alanya C EAO:EX [mailto:Alanya.Smith@gov.bc.ca]
Sent: Monday, July 28, 2014 9:33
To: 'Byng Giraud'; Lara Taylor; 'Amanda Zinter'
Cc: Mayall, Jane EAO:EX; Paulson, Amber EAO:EX
Subject: FW: SCRD Comments re Woodfibre LNG Valued Components

Good morning,

The formal public comment period for WLNG closed last night at midnight. We received about 500 comments over the weekend. Staff are working to post the new comments over the course of the week with the aim of having all posted by the end of this week.

Please see the attached letter and comments from SCRD and consider these comments as working group comments to address in the next round of review.

We anticipate receiving the working group tracking table and next draft AIR from you later today and I intend to send to the working group for their review.

If you have any questions, please give me a call.

Thank you, Alanya

Alanva Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: s.17 s.17 | Fax: (250) 387-2208 From: David Rafael [mailto:David.Rafael@scrd.ca] Sent: Sunday, July 27, 2014 4:19 PM To: Smith, Alanya C EAO:EX Subject: SCRD Comments re Woodfibre LNG Valued Components

Hi Alanya

Please find attached the SCRD Board and staff comments regarding the Woodfibre LNG Valued Components.

Regards, David

David Rafael Senior Planner **Sunshine Coast Regional District** 1975 Field Road, Sechelt, BC, VON 3A1

phone: 604 885 6804 ext 4 (direct line) 604 885 6800 (Reception) fax: 604 885 7909

My office hours are Monday to Friday from 8:30 a.m. to 4:30 p.m.

Follow us on Twitter at <u>sunshinecoastrd</u> Visit us: <u>www.scrd.ca</u>

Mayall, Jane EAO:EX

From:	Lara Taylor < Itaylor@hemmera.com>			
Sent:	Monday, July 21, 2014 5:03 PM			
То:	Paulson, Amber EAO:EX; Smith, Alanya C EAO:EX			
Cc:	'Amanda Zinter (Amanda_Zinter@\	wlng.ca)'; 'Byng Giraud (byng_giraud@wlng.ca)';		
	Mayall, Jane EAO:EX			
Subject:	30050-20/WLNG-15	Woodfibre LNG - First Nations Tracking Table		
Attachments:	140721_Woodfibrel.NG_FN_TrackingTable_EAO_v2.xlsx			

Amber and Alanya,

Please find an updated version of the First Nations tracking table attached. This table has been updated with the two outstanding responses related to public health. From our perspective, this table is now complete. Please let us know if there are any comments that you believe require further information.

We are continuing to work on the Working Group tracking table with a target submission date of Monday morning (along with copies of the dAIR for distribution to the Working Group).

Thank you, Lara

Lara Taylor, MRM, P.Eng. Project Manager

🖸 hemmera

Suite 250-1380 Burrard Street | Vancouver, BC | V6Z 2H3 T: 604.669.0424 ext. 260 | F: 604.669.0430 | C: 778.772.6942 <u>Itaylor@hemmera.com</u> | <u>hemmera.com</u>



Please consider the environment before printing this email.

				Comment relevant to	Relevant			Change to the Applica		
umment 0 # S	Date.		Agency/Affill	draft VC	section and page	Comment/Usive Description/Suggested Changes	Category/Theme	draft VC Review selection/dAL Permit	v and/or sing	EAC's Assessment of Response
1	2-Jun-14		Tsleil- Waututh	dAIR		 T3 ell-Waututh requests an assessment of the environmental impacts of both land-based and floating storage and offloading facilities for the Project. 	Project Description	No		Resolved to EAO's satisfaction
2			Waututh	dAIR		 From meetings with Woodfibre LNG (April 29, 2014) and the latest Advisory Working Group Meeting (May 12, 2014) for the Project, it is our understanding that the UNG storage facility is to be located on water, Tsleil-Waututh requests that the proponent provide the rationale behind this decision. 	Project Description	No	The LNG storage facility will be located on water for two primary reasons. Firstly, constructing land-based LNG storage that meets the current building code salsmic standards would be challenging. The water-based storage facility is able to better withstand seismic events. Secondly, decommissioning the facility at the end of its service period would have less environmental impact with water- based storage.	Resolved to EAO's satisfaction
3			Waututh	dAIR		 Tsieli-Waututh requests clarification on the amount of land that will be used by the project: both disturbed (brownfield) and undisturbed (greenfield) land. 	Project Description	No		Unresolved; is not the entire footprint considered Brownfield? Please provide clarification.
	-								WING is currently calculating the areas anticipated to be cleared for the Project and will provide these areas to the Tsiell-Waututh Nation.	
4	2-Jun-14		Tsleil- Waututh Nation	dAIR	Section 2.2	4. In Section 2.2, under "The Application will provide the following" please add "identification of First Nations whose territories the proposed Project is situated on."	Project Description	Yes .	The following bullet has been added to Section 2.2 of the dAIR. Identification of the Aboriginal groups whose tarritories the Project is located within.	Resolved - change reflected in the dAIR
5		Hanson, Consultatio n and Accommod ation	Tslell- Waututh Nation-	dAIR		5. Under Section 2.6., Project Benefits, Tsleil-Waututh requests that economic benefits to First Nations are Identified, including Aborginal procurement, one of a number of mechanisms to ensure meaningful economic benefits are returned to local First Nations.	Project Benefits	Yes		Ünresolved - changes not reflected in the dAIR (June 23, 2014 Version), Page 18
		Coordínato r				•			Section 17 of the EAC Application will include Aboriginal interests, as identified by publically available information and also by the views expressed by Aboriginal groups through the consultation process. Section 20 of the EA will summarize the issues and concerns raised, along with the proposed mitigation measures.	
6	2-Jun-14		Tsleil- Waututh Nation	dAIR	Section 17	6. Tsiell-Waututh seeks assurances that potential impacts to Aboriginal harvesting rights (e.g., hunting, fishing and gathering rights) be assessed as part of the project environmental evaluation that includes both specific sites and favoured species.	Aboriginal Interests	No	WLNG confirms that, where information is available, potential impacts to Aboriginal harvesting rights will be assessed as part of the environmental evaluation. Further information regarding how these effects will be considered is provided in Section 17 [Aboriginal Interests] of the dAIR.	Resolved to EAO's satisfaction
7	2-Jun-14	Hanson, Consultatio n and Accommod	Tsleil- Waututh Nation	dAIR	Section 17	7. Since there is no separate pillar for "Aboriginal rights and title", will the concerns of Aboriginal groups be considered and made explicit under each Valued Component?	Aboriginal Interests	No	describe how traditional knowledge and traditional use information, as obtained through consultation with Aboriginal groups and other sources, were used in the assessment.	Unresolved - the two statements are contradictory. Will Aboriginal Interests be considered in Part B under each VC, or will Aboriginal Interests that Interact with potential effects on VCs be considered in Part 17?
		ation Coordinato r							Where there is overlap between Aboriginal interests and a VC, the information from other sections of the Application will be cross- referenced in Section 17 and summarized in the context of the specific Aboriginal group's Aboriginal interest,	

		Hanson,	Tsleil- Waututh Nation	dAIR		8. We request there be an inventory of impacts on the following species: a. Ungulates b. Black bear c. Cougar d, Wolf	Assessment of Potential Environmental Effects (Mammals)	No No	 (a) The potential for ungulate populations to experience long-term project-related effects is considered negligible. Ungulates are not recommended for inclusion as a project VC. 1) Potential to occur: Biak-tailed deer are a common species in the Squamish Forest District and may occur within adjacent habitats. Elk have been introduced into the Clowhom drainage by MFLNRD. Elk also occur in nearby McNab drainage and may occur within adjacent habitats. 2) Potential to be affected: Consideration of Project design and siting (i.e., brownfield site) and consideration of species habitat association and habitats will not be affected by Project development. Mitigation measures such as perimeter foncing will further reduce the potential for ungulate populations to be adversely affected by the Project. (b) The potential or black bear populations to experience long-term 	Unresolved: please add examples of mitigation/project specifics that will reduce potential interactions, such as perimeter fending etc. What project design and siting considerations specifically relate to ungulates/black bear/cougar/wolf? Brownfield site? Unresolved:
•							-	NO	(b) The potential for black bear populations to expenence long-term project-related effects is considered negligible. Black bear is not recommended for inclusion as a Project VC. 1) Potential to occur: Black bear are a common species in the Squamish Forest District and may occur within adjacent habitats. 2) Potential to be affected: Current mitigation (perimeter francing and management of williffe-human conflict) was considered to assess potential Project-related effects to the species. Consideration of Project design and siting (i.e., brownfield site) and consideration of species habitat association and habitat value based on current site conditions suggest that black bear populations will not be affected by Project activities.	What project design and siting considerations specifically relate to ungulates/black bear/cougar/wolf? Brownfield site?
			-	x				No	(c) The potential for wolf populations to experience long-term project related effects is considered negligible. Grey wolf is not recommended for inclusion as a project VC. 1) Potential to occur: Wolves are a common species in the Squamish Forest District and may occur within adjacent habitats. 2) Potential to be affected: Current mitigation (perimeter fencing and management of wildlife-human conflict) was considered to assess potential project-related effects to the species. Consideration of Project design and siting (i.e., brownfield site) and consideration of species habitat association and habitat value based on current sita conditions suggest that wolves will not be affected by Project activities.	What project design and siting considerations specifically relate to ungulates/black bear/cougar/wolf? Brownfield site?
							· · ·	No	 (d) The potential for cougar populations to experience long-term project-related effects is considered negligible. Cougar is not recommended for inclusion as a Project VC. 1) Potential to occur: Cougar are a common species in the Squamish Forest District and may occur within adjacent habitats. 2) Potential to be affected: Current mitigation (perimeter fencing and management of wildlife-human conflict) was considered to assess potential Project-related effects to the species. Consideration of Project design and siting (i.e., brownfield site) and consideration of species habitat association and habitat value based on current site conditions suggest that cougar will not be affected by Project activities. 	Unresolved: What project design and siting considerations specifically relate to ungulates/black bear/cougar/woll? Brownfield site?
ę	2-Jun-14		Tsleii- Waututh Nation	dAIR	Section 5.8	9. Tslell-Waututh requests information on sewage discharge and whether the sewage treatment sites on the property will be included in the environmental assessment and/or remediation plans.	Marine Water Quality	No	Information on discharges to the marine environment will be included in the EAC application, including the potential effects associated with these discharges. Sewage discharge requirements will also be addressed during the permitting process, Applications will be submitted to the OII and Gas Commission (OGC) for any required waste discharge permits (including air emissions, effluent discharges, and refuse disposal). Sewage discharge may also require permits from the District of Squamish and Vancouver Coastal Health. The site is being remediated by the current owner (Western Forest Products) and a Ministry of Environment Cartificate of Compliance (CoC) will be obtained as a condition of purchase. Any mitigation or monitoring requirements of the COC will be fulfilled by WLNG.	Unresolved: please identify that discharge will be also dealt with during permitting, include details of permitting requirements including responsible agency(ies).
10	2-Jun-14	Erin Hanson, Consultatio n and	Tsleil- Waututh . Nation	dAIR	Section 7,3	10. Tslell-Wauruth requests an update on the status of Transport Canada's TERMPOL review process for this Project,	Manne Transport	No	A TERMPOL review will be conducted for the Project. WLNG has started discussions with Transport Canada. The TERMPOL assessment will be completed after the Project has submitted the EAC application.	Resolved to EAO's satisfaction

Date	
File	
Revision	

**!	2-Jun+14	Erin	Tsleil-	dAIR	Section 5.9	11. Tsleil-Waututh requests more information on air emissions from	Atmospheric	No	WLNG confirms that additional information on the potential effects	Unresolved: include "air quality" in the response
		Hanson,	Waututh	1 1	ļ	the LNG facility and shipping activities (including both LNG tankers,	Environment (Air		on air quality from air emissions from the UNG facility and shipping	
		Consultatio	Nation				Quality)		activities will be provided in the EAC application.	
		n and				Assessment Area for Atmospheric Environment.	<u></u>	<u> </u>		
12	Har Con n ar Acc atio		Tsleil- Waututh Nation			12. Tsiel-Waututh requests that the Atmospheric Environment Assessment Areas include the Indian River Watershed and Indian Arm in the Local Assessment Area.	Atmospheric Environment (Air Quality)	Ne	The assessment areas for air quality encompasses the area where potential effects are expected to occur. If preliminary modelling indicates the extent of the effects is larger than the current assessment area, the assessment area may be expanded. Section 4.3.1.1 includes the following statement: "The anticipated boundaries for the assessment of the Project-related affects on each VC have been determined to encompass the physical scope of the VC have been determined to encompass the physical scope of the	Unresolved: changes to the dAIR required. To reflect this commitment, please update section 5.2.1.1 to include the following statement: In the event that prelimmary modeling indicates that the extent of effects may be larger than the 20km by 20 km 15A, the study area may be expanded to capture all areas were potential Project-related effects to all quality are expected to occur.
					environmental and socio-economic effects that could occur due to Project-related construction and operation activities (Tables 4-2 and 4-3). Additional rationale for the selection of the boundries is included in Section 5.0 through Section 9.0 for each IC and VC. Should boundaries change during the course of preparation of the EA, a rationale for the change will be presented".					
							L			
13	2-Jun-14		Tsleil-	dAIR	Section 5.4	13. Tsleil-Waututh requests that channel geomorphology and	Geomorphology and	No	WLNG does not anticipate effects to creck geomorphology would	Resolved to EAO's satisfaction
		Hanson, Consultatio	Waututh		, I	potential impacts to creek geomorphology are included.	Natural Hazards		occur because the Project will only affect flows in Mill Creek over a short reach (~300 m).	
		1		<u> </u>						
14	2-Jun-14		Tsleil-			14. Tsleil-Waututh requests more information on how the GHG	GHG Management	No	The climate change assessment will include characterizing the histori	
		Hanson, Consultatio	Waututh			Valued Component will be assessed without definitive spatial boundaries.			and future climate, changes in future climate and how climate change may affect the Project infrastructure. This work will focus on the	
1		n and	Nation	1 1	1	poundaries.			same study area as the RAA for air quality. The climate change	
		Accommod			1				assessment will also consider how the Project will contribute to GHG	
		ation							emissions. This will be undertaken by quantifying GHG emissions	
		Coordinato				4			associated with the Project and comparing to provincial and federal	
		r			1		[levels of GHG emissions.	
15	2-Jun-14	Frin	Tsleil-	dAIR	Section 8.0	15. The Heritage Resources Valued Component should also include	Herítage Resources	No	WLNG confirms that, where available, the Heritage Resources VC will	Resolved to EAO's satisfaction
		Hanson,	Waututh			the cultural importance of lands, waters and resources, specifically			include information on the traditional knowledge and traditional use	
		Harison, Waututh Consultatio Nation	Nation			culturally valued sites (e.g., spiritual sites, transformer sites,			information,	
				1 1		viewscapes) identified by First Nations in the Heritage Pillar.				
		n and		1 1	'					
		n and Accommod			! 				Where there is overlap between Aboriginal Interests and a VC, the information from other sections of the Application will be space	
		n and Accommod ation							information from other sections of the Application will be cross-	
		n and Accommod								
16		n and Accommod ation Coordinato r Erin	Tsléil-	dAIR	Section	16. Tsiell-Waututh is concerned about impacts to Southern Resident	Marine Mammals	No	Information from other sections of the Application will be cross- referenced in Section 12 and summarized in the context of the specific Aboriginal group's Aboriginal interest. WLNs acknowledges the concern of the Tsleif-Waututh and confirms	
16		n and Accommod atlon Coordinato r Erin Hanson,	Waututh		5.19	Killer Whales (SRKW) and other marine mammals as a result of the	Marine Mammals	No	Information from other sections of the Application will be cross- referenced in Section 12 and summarized in the context of the specific Aboriginal group's Aboriginal interest. WLNG acknowledges the concern of the TSIeli-Waytuth and confirms that potential effects to killer whates, including southern resident	Unresolved: Will the assessment include Southern Resident Killer Whates?
16		n and Accommod atlon Coordinato r Erin Hanson, Consultatio	Waututh		5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following:	Marine Mammals	No	Information from other sections of the Application will be cross- referenced in Section 17 and summarized in the context of the specific Abonginal groups Abonginal interest. WLING acknowledges the concern of the Tsiel-Waustuch and confirms that potential effects to killer whales, including southern resident killer whales, and other marine mammels as a result of direct and	
16	2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and	Waututh		5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine	Marine Mammals	No	Information from other sections of the Application will be cross- referenced in Section 12 and summarized in the context of the specific Aborginal group's Aborginal interest. WLNG acknowledges the concern of the Tsleil-Waututh and confirms that potential effects to killer whales, including southern resident killer whales, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WLNG	
16	2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod	Waututh		5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine marmals (Including SRKW)	Marine Mammals	No	Information from other sections of the Application will be cross- referenced in Section 17 and summarized in the context of the specific Aboriginal group's Aboriginal Interest. WLNG acknowledges the concern of the Tsiel-Waututh and confirms that potential affects to Uller whales, including southern resident kill or whales, and other marine mammals as a result of direct and indirect affects from Project activities will be assessed. WLNG confirms that the assessment for the Marine Mammals VC effects	
16	2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio a and Accommod ation	Waututh		5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine	Marine Mammals	No	Information from other sections of the Application will be cross- referenced in Section 17 and summarized in the context of the specific Abonginal groups Abonginal Interest. WLING adknowledges the concern of the Tsiell-Wautuch and confirms that potential effects to killer whales, including southern resident killer whales, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WLING confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine trafficand acoustic	
	2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod ation Coordinato	Waututh Nation	•	5.19	Killer Whales (SRKW) and other manine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (Including SRKW) b. Acoustic disturbance to marine mammals (Including SRKW)			Information from other sections of the Application will be cross- referenced in Section 17 and summarized in the context of the specific Abonginal group's Abonginal interest. WUNG acknowledges the concern of the Tsield-Waututh and confirms that potential effects to liller whales, including southern resident kill or wholes, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WUNG confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine traffic and acoustic disturbances.	Killer Whales?
	2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod ation Coordinato Erin	Waututh Nation Tsiell-	•	5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (Including SRKW) b. Acoustic disturbance to marine mammals (Including SRKW) 17. Tsleit-Waututh requests information on how the proponent plans		No No	Information from other sections of the Application will be cross- referenced in Section 12 and summarized in the context of the sectific Abonginal group's Abonginal interest. WLNG acknowledges the concern of the Tsleil-Waututh and confirms that potential effects to liller whales, including southern resident kill er whales, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WLNG confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine traffic and acoustic disturbances. Additional information regarding the use of support vessels, including the set of support vessels, including the use of support vessels, including Additional information regarding the use of support vessels, including the support vessels.	Killer Whales? Unresolved: include a statement related to the operation o
	2-Jun-14 2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod ation Coordinato Erin Hanson,	Waututh Nation Tslell- Waututh	•	5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (including SRKW) b. Accustic disturbance to marine mammals (including SRKW) 17. Tsleil-Waututh requests information on how the proponent plans to monitor the impacts from third party vessels (i.e., escort tugs)			Information from other sections of the Application will be cross- referenced in Section 12 and summarized in the context of the specific Aborginal groups Aborginal Interest. WLNG acknowledges the concern of the Tsiel-Wautuch and confirms that potential effects to littler whates, including southern resident killer whates, and other marine mammafs as a result of direct and indirect effects from Project activities will be assessed. WLNG confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine traffic and acoustic disturbances. Additional information regarding the use of support vessels, including escort use, will be included in the EAC Application, including an	Killer Whales? Unresolved: Include a statement related to the operation o vessels in accordance with federal legislation and TC
	2-Jun-14 2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio a and Accommod ation Coordinato Erin Hanson, Consultatio	Waututh Nation Tslell- Waututh	•	5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (Including SRKW) b. Acoustic disturbance to marine mammals (Including SRKW) 17. Tsleit-Waututh requests information on how the proponent plans			Information from other sections of the Application will be cross- referenced in Section 17 and summarized in the context of the specific Aborginal group's Aborginal interest. WUNG acknowledges the concern of the Tsield-Waututh and confirms that potential effects to liller whales, including southern resident killer whales, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WUNG confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine traffic and acoustic disturbances. Additional information regarding the use of support vessels, including escort tugs, will be included in the EAC Application, including an assessment of these activities on the VCS. Vessels used for the Projec	Killer Whales? Unresolved: include a statement related to the operation of vessels in accordance with federal legislation and TC regulations, including details of which laws and regulations
	2-Jun-14 2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod ation Coordinato Erin Hanson,	Waututh Nation Tslell- Waututh	•	5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (including SRKW) b. Accustic disturbance to marine mammals (including SRKW) 17. Tsleil-Waututh requests information on how the proponent plans to monitor the impacts from third party vessels (i.e., escort tugs)			Information from other sections of the Application will be cross- referenced in Section 12 and summarized in the context of the specific Aborginal groups Aborginal Interest. WLNG acknowledges the concern of the Tsiel-Wautuch and confirms that potential effects to littler whates, including southern resident killer whates, and other marine mammafs as a result of direct and indirect effects from Project activities will be assessed. WLNG confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine traffic and acoustic disturbances. Additional information regarding the use of support vessels, including escort use, will be included in the EAC Application, including an	Killer Whales? Unresolved: Include a statement related to the operation o vessels in accordance with federal legislation and TC
	2-Jun-14 2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod ation Coordinato Erin Hanson, Consultatio n and Accommod ation ation Coordinato Erin Hanson, Consultatio n and Accommod ation	Waututh Nation Tslell- Waututh	•	5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (including SRKW) b. Accustic disturbance to marine mammals (including SRKW) 17. Tsleil-Waututh requests information on how the proponent plans to monitor the impacts from third party vessels (i.e., escort tugs)			Information from other sections of the Application will be cross- referenced in Section 17 and summarked in the context of the specific Aboriginal group's Aboriginal Interest. WLNG acknowledges the concern of the Tsieli-Wautuch and confirms that potential effects to diller whales, including southern resident till er whales, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WLNG confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine traffic and acoustic disturbances. Additional information regarding the use of support vessels, including an assessment sit hace acativities on the VCs. Vessels used for the Projec will transit in accordance with the Candod Shipping Act (2001) and	Killer Whales? Unresolved: Include a statement related to the operation of vessels in accordance with federal legislation and TC regulations, including details of which laws and regulations
	2-Jun-14 2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod ation Coordinato Erin Hanson, Consultatio n and Accommod	Waututh Nation Tslell- Waututh	•	5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (including SRKW) b. Accustic disturbance to marine mammals (including SRKW) 17. Tsleil-Waututh requests information on how the proponent plans to monitor the impacts from third party vessels (i.e., escort tugs)			Information from other sections of the Application will be cross- referenced in Section 1.7 and summarked in the context of the specific Aborginal groups Aborginal Interest. WLNG acknowledges the concern of the Tsiel-Wautuch and confirms that potential effects to tollier whates, including southern resident till er whates, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WLNG confirms that the assessment for the Warlan Mammals VC effects assessment will include increased marine traffic and acoustic disturbances. Additional information regarding the use of support vessels, including assessment will be included in the EAC Application, including an assessment of these activities on the VCs. Vessels used for the Projec will transit in accordance with the Candod Shipping Act (2001) and regulations established by Transport Canada and the Pacific Pilotage Authority.	Killer Whates? Unresolved: Include a statement related to the operation of vessels in accordance with federal legislation and TC regulations, including details of which laws and regulations would apply.
	2-Jun-14 2-Jun-14	n and Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod ation Coordinato Erin Hanson, Consultatio n and Accommod ation ation Coordinato Erin Hanson, Consultatio n and Accommod ation	Waututh Nation Tslell- Waututh	•	5.19	Killer Whales (SRKW) and other marine mammals as a result of the Project, and would like more information on the following: a. Increased marine traffic, and therefore vessel strikes, to marine mammals (including SRKW) b. Accustic disturbance to marine mammals (including SRKW) 17. Tsleil-Waututh requests information on how the proponent plans to monitor the impacts from third party vessels (i.e., escort tugs)			Information from other sections of the Application will be cross- referenced in Section 12 and summarized in the context of the specific Aborginal groups Aborginal Interest. WLNG adknowledges the concern of the Tsiel-Waututh and confirms that potential effects to killer whates, including southern resident killer whates, and other marine mammals as a result of direct and indirect effects from Project activities will be assessed. WLNG confirms that the assessment for the Marine Mammals VC effects assessment will include increased marine traffic and acoustic disturbances. Additional information regarding the use of support vessels, including assessment of these activities on the VCs. Vessels used for the Project will transit in accordance with the <i>Canoda Shiping Act</i> (2001) and regulations established by Transport Canada and the Pacific Pilotage	Killer Whates? Unresolved: Include a statement related to the operation o vessels in accordance with federal legislation and TC regulations, including details of which laws and regulations would apply.

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18		Waututh	dair		13. Tsteil-Waututh is concerned about increased marine vessel traffic and requests more information on the underwater acoustic footprint of the following vessels on marine life: a. LNG tankers b. Escort tugs	Marine Transport	No	WLNG confirms that information regarding the underwater noise Unresolved: Include a statement that details how underwater expected to be associated with the Project will be provided in the EAC noise will be assessed through marine VC, and list sub- Application, including the underwater noise associated with shipping components that are applicable to this effect. activities. This information will be carried forward into the relevant of the three formation on potential mitigation strategies to be Provide information will be carried forward into the relevant of the three formation on potential mitigation strategies to be VC effects assessments, specifically Section 5.18 - Forage Fish and Other Fish and Section 5.19 Marine Mammals. Noise levels of LNG tankers and escort tugs will be characterized based on available information in the public domain / scientific Iterature, and this will be compared to known acoustic threshold consequence of potential underwater noise impacts on these receptors. Recommended mitigation measures to minimize effects of underwater noise on sensitive marine receptors will be provided as part of the environmental assessment assessment sections to mark the provided as
							-	One measure to reduce underwater noise is to locate the LNG facility on land. As well, LNG carriers will be required to follow Pacific Pilotage Authority's speed requirements, Further mitigation measures for underwater noise will be identified in the EAC Application.
19		Tsleif- Waututh Nation	dAIR	Section 5,15, Section	19, Tsleil-Waututh requests that the Regional Assessment Areas for the Marine Water Cluality, Frashwater Fish and Fish Habitat, and Forage Fish and Other Fish Study Assessment Areas be expanded to Include First Narrows of Burrard Inlet and the western edge of Gower Point, approximately 4 km west of Gibsons.	Marine Water Quality Frashwater Fish and Fish Habita, Forage Fish and Other Fish	No	The assessment areas for marine water quality, freshwater fish and fish habitat and forage fish and other fish encompass the area where potential effects are expected to occur. If the effects assessment indicates the extent of the effects is larger than the current assessment area, the assessment area may be expanded. Section 4.3.1.1 includes the following statement: "The anticipated boundaries for the assessment of the Project-related effects to on each VC have been determined to encompass the physical scope of the environmental and socio-economic effects that could occur due to Project-related construction and operation activities (Tables 4.2 and 4-3). Additional rationale for the solection of the boundaries is included in Section 5.0 through Section 9.0 for each IC and VC. Should boundaries for the change will be presented".
20	Erin Hanson, Consultatio n and Accommod	Tsleil- Waututh Nation	dair	Section 5.8, Section 5.15, Section 5.18	20. Tsleil-Waututh requests that the Squamich River and Mamquam River estuaries be included, in addition to the already-included Mill Creek and Woodfibre Creek estuaries.	Marine Water Quality Freshwater Fish and Fish Habitat, Forage Fish and Other Fish	Yes	The regional assessment areas for marine water quality, frashwater fish and fish habitat and forage fish and other fish includes Howe Sound. See Figures 4-4 and 4-6 of the revised dAIR.
21	 Erin Hanson, Consultatio n and Accommod ation Coordinato r	Tsieil- Waututh Nation	dAIR	Section 5.8, Section 5.15, Section 5.18	21. Tslell-Waututh requests that a circulation model be developed for the Regional Assessment Areas of the Marine Water Quality, Freshwater Fish and Fish Habitat, and Forage Fish and Other Fish Study Assessment Areas.	Marine Water Quality Froshwater Fish and Fish Habita, Forage Fish and Other Fish	, Yes	Near-field and far-field numerical dispersion models are being developed to model the water quality effects associated with seawater cooling system. The results of this model will be presented in Section 5.10 of the EAC Application (Warine Water Quality). Any potential changes to water temperature will be identified in this section. Where applicable, the frashwater fish and fish habitat and forage fish and other fish sections will cross-reference the marine water quality section of the EAC Application, The following text has been added to Section 5.10.3 of the dAR. Potential Project-related effects to marine water temperature from the seawater cooling system will be model results will be evaluated against marine water quality criefical guidelines. Where applicable, the results of the seawater cooling system dispersion model results will be cross- referenced in Section 5.18 - Forage Fish and fish Habitat and Section 5.18 - Forage Fish and Other Fish (Marine).

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22 2-Jun-14	Frin	Telail	dAIR Sec	tion to a la	77. Telefi Mare the metter election meneral and the	Marina Mirana Santi	Ala T	The second second fraction and the second se	Manager and Black and a state of the state o
					22. Tsleil-Waututh requests clarification regarding whether marine or				Unresolved: Please provide volumes as requested.
	Hanson,	Waututh			freshwater intake will be utilized for the LNG facility. Please provide us		4	The flows to be diverted are being refined as part of the ongoing	
	Consultatio	Nation	Sec	tion 5,7	with information on the volume of water to be utilized.	Surface Water		design process. It is currently anticipated that the seawater cooling	
	n and	Į		[Quantity		system will collect 17,000 m ³ /h through an intake pipe located more	
1 1	Accommod							than 25 m below the surface of Howe Sound. After absorbing heat	
	ation				e de la construcción de la constru			from facility equipment in a closed loop system (i.e. at no time will	
1	Coordinato					-	f I	the seawater come into	
	-				•				
	r							direct contact with the liquefaction refrigerants), the seawater will re-	
								enter the ocean. The LNG facility and supporting facilities will divert	
ļļļ						1	1	less fresh water than the existing Western Forest Products water	
								licence on Mill Creek (0.73 m ³ /s) that will be transferred to WLNG.	
1								incrise on this creak (and in /s) that init be datafetted to we for	
								Additional information regarding the water intakes will be provided in	
1								the EAC Application. Water diversions from Mill Creek will be	
							1 1	considered in Section 5.9 [Surface Water Quantity] and the seawater	
1 1		1	1)				cooling system will be considered in Section 5.10 [Marine Water	
				[1		Quality). Where appropriate, mitigation measures will be identified as	
						1		part of the effects assessments for potentially affected VCs.	
								part of the effects assessments for potentially affected vos.	
								,	
		L				<u></u>			
23 2-Jun-14		Tsleil+	dAlR Ta		23. Tsleil-Waututh understands that there are no anticipated process	Marine Water Quality	No	Additional information regarding baseline marine water quality as	Unresolved: Please add to the response that nutrient, metals
1 I	Hanson,	Waututh		ŀ	water discharges into freshwater sources. We do, however, require			well as information regarding the seawater cooling system and any	and hydrocarbons (petroleum and PAHs) have been added as
	Consultatio				information on the nature and volume of discharges into marine			treated process water, storm water or waste water discharges will be	
	n and				water. We request more information on the following discharge	1		included in Section 5.10 [Marine Water Quality]. Nutrients, metals,	chlorine are included in table 5-9.
						1			enterner alle triendeet in reene 3-3*
	Accommod				parameters for Marine Water Quality (Table 5-7 of dAIR):			hydrocarbons (petroleum and PAHs) have been added as indicators	
l l	ation	ļ			a. Temperature	1	1 1	for Marine Water Quality (Table 5-9), Total residual chlorine and	
1 1	Coordinato				b. Chlorine	1		temperature are already included.	
1	r			.	c. Any biological and chemical contaminants				
		1		1	-		1	Based on the characteristics of the treated discharge, a waste	
1		1		1				discharge permit from the Oil and Gas Commission may be required,	
		1						Service and the service of the servi	
24 2-Jun-14	Erin	Tsleil-	dAIR Ta	ble 5-7	24. Tsleil-Waututh also requests that the following are included in the	Marine Water Overlity	No	WLNG confirms that dissolved oxygen, pH and conductivity are	Unresolved: Table 5-9 Does not include dissolved oxygen, pH
~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Hanson,					internet wrokes addalley			
		Waututh			parameters for Marine Water Quality:	1		included in the parameters for study for the Marine Water Quality IC.	
	Consultatio	Nation			a. Dissolved oxygen	1		Dissolved oxygen, pH and conductivity have been added as indicators	Changes to the dAIR required.
	n and				b. pH			for Marine Water Quality (Table 5-9).	
	Accommod			1	c. Conductivity				
l l	ation	l		1		1		Based on the characteristics of the treated discharge, a waste	
	Coordinato							discharge permit from the Oil and Gas Commission may be required,	
	r								
25 2-Jun-14	Erin	Tsteil -	dAIR Se	ction 9.2	25. The Public Health Valued Component should be re-titled to	Public Health	Yes	WNLG does not intend to exclude aboriginal health by using 'Public	Unresolved: Add to the response:
	Hanson,	Waututh			include groups other than the general public (e.g., Health or Human			Health' as the VC name. Aboriginal health factors will be included in	Public Health VC now includes:
	Consultatio				Health). We further request that this VC include quality of life and	1	1 1	Section 9 - Assessment of Potential Health Effects, The term Public	a.Human Health Risk Sub-component, and
1	n and	Mation							
			1 1		community well-being to encompass the social determinants of health	4		Health is used because the EA will include a Human Health Risk	 b. Community Health and Well-being sub-component.
					rather than only the physiological influences.			Assessment (HHRA) and specific key indicators of health information.	
	Accommod								
								and the second	Also, will an assessment of impacts to Aboriginal health and
	Accommod ation							The Public Health VC has been amended to include two sub-	
	Accommod				· · · · ·			The Public Health VC has been amended to include two sub- components: (a) Human health risk and (b) Community health and	Also, will an assessment of impacts to Aboriginal health and wellbeing be assessed in Section 17, and If so how?
	Accommod ation							components: (a) Human health risk and (b) Community health and	
	Accommod ation							components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being	
	Accommod ation					- - -		components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g.,	
	Accommod ation							components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g., employment and income) and physical and mental health conditions	
	Accommod ation							components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g.,	
	Accommod ation							components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g., employment and income) and physical and mental health conditions	
	Accommod ation							components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g., employment and Income) and physical and mental health conditions (e.g., disease incidence rates).	
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	Accommod ation Coordinato r	7sieii-	dAIR			Public Health	Yes	components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g., employment and [ncome] and physical and mental health conditions (e.g., disease incidence rates). According to Section 17 [Aboriginal interests] of the dAIR, where there is overlap between Aboriginal interests and a VC, the Information from other sections of the Application will be cross- referenced and summarized in the context of the specific Aboriginal group's Aboriginal interest.	
	Accommod ation Coordinato r		dAIR		26. Tsleil-Waututh requests a definition for the term "country foods"	Public Health	Yes	components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g., employment and (ncome) and physical and mental health conditions (e.g., disease incidence rates). According to Section 17 (Aboriginal Interests) of the dAR, where there is overlap between Aboriginal Interests and a VC, the Information from other sections of the Application will be cross- referenced and summarized in the context of the specific Aboriginal group's Aboriginal Interest.	wellbeing be assessed in Section 17, and if so how?
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	Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod	Waututh	dair		26. Tsieli-Waututh requests a definition for the term "country foods" and clarification on whether this definition is included in BCEAO materials. It is imperative that BCEAO clarify the target usar-group when assessing impacts to country foods. There is a significant difference between country foods as accessed by members of the	Public Health	Yes	components: (a) Human health risk and (b) Community health and well-being. The Indicators for the community health and well-being sub-component includes social determinants of health (e.g., employment and Income) and physical and mental health conditions (e.g., disease incidence rates). According to Section 17 (Aboriginal Interests) of the dAIR, where there is overlap between Aboriginal Interests and a VC, the Information from other sections of the Application will be cross- referenced and summarized in the context of the specific Aboriginal group's Aboriginal Interest. The definition of country foods as it relates to the public health assessment "include those foods trapped, fished, hunted, harvested or grown for subsistence or medicinal purposes, or obtained from recreational activities such as sport fishing and/or game hunting" (Health Canada 2010). This is consistent with the Tsieli-Waututh's	Wellbeing be assessed in Section 17, and if so how? Unresolved: See 27 below? Please Include the definition provided by health Canada which also includes foods for medicinal purposes. Please Include a reference to requirements under CEAA 201
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26 2.Jun-14	Accommod ation Coordinato r Erin Hanson, Consultatio n and Accommod	Waututh	dAIR		26. Tsieli-Waututh requests a definition for the term "country foods" and clarification on whether this definition is included in BCRAO materials. It is imperative that BCEAO clarify the target user group when assessing impacts to country foods. There is a significant difference between country foods as accessed by members of the general public (e.g. cercational users with omay occasionally fish or	Public Health	Yes	components: (a) Human health risk and (b) Community health and well-being. The indicators for the community health and well-being sub-component includes social determinants of health (e.g., employment and [ncome) and physical and mental health conditions (e.g., disease incidence rates). According to Section 17 [Aboriginal Interests] of the dAIR, where there is overlap between Aboriginal Interests and a VC, the information from other sections of the Application will be cross- referenced and summarized in the context of the specific Aboriginal group's Aboriginal Interest. The definition of country foods as it relates to the public health assessment "include those foods trapped, fished, hunted, harvested or grown for subsistence or medicinal purposes, or obtained from recreational activities such as sport fishing and/or game hunting" (Health Canada 2010). This is consistent with the Tsleil-Waututh's requested definition of country foods "Subsistence, ceremonial,	wellbeing be assessed in Section 17, and if so how? Unresolved: See 27 below? Please Include the definition provided by health Canada which also includes foods for medicinal purposes. Please provide Information and a reference to the assessme
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Date: File: Revision;

27 2-Jun-1.		Tslell- Waututh Nation	dAIR		27. Tsiell-Waututh requests changing the term "country foods" to "subsistence, ceremonial, and social harvesting of resources (e.g., hunting, fishing, and gathering)." This would therefore assess potential project impacts to game, shelfsh, fish, and traditional vegetation for food, medicinal, and material use as part of the project environmental evaluation and/or human and ecological health evaluation.	Public Health	No	The definition of country foods as it relates to the public health assessment can be defined as "include those foods trapped, fished, hunted, harvested or grown for subsistence or medicinal purposes, or obtained from recreational activities such as sport fishing and/or game hunting" (Health Canada 2010). This is consistent with the Tslell-Waututh's requested definition of country foods as "subsistence, ceremonial, and social harvesting of resources (e.g., hunting, fishing, and gathering)".
28 2-Jun-1.	4 Erin Hanson, Consultatio n and Accommod ation Coordinato r	Tsleil- Waututh Nation	dair		28. Tsieli-Waututh requests a status update on the current site contamination assessment being conducted by Western Forest Products, along with remediation and monitoring plans. In addition, we request to be provided with site maps identifying sampling locations.	Site Contamination	No	Woodfibre LNG is purchasing the site from Western Forest Products, which is responsible for remediating the site to provincial standards before the sale is finalized. Accordingly, all data relating to the remediation belongs to Western Forest Products not WLNG. Work to clean up the site is ongoing. Western Forest Products 'plan for the dosure of the historical waste asbestos disposal area has been submitted to the 8C Ministry of Environment for review, and a contractor to carry out the work is being selected. Additional sampling of the site is also being carried out as part of the process to obtain a certificate of compliance with the Ministry of Environment. Resolved - Out of Scope of the EA WNGL responsibility to address the request for a map submitted to the 8C Ministry of Environment.
29 2-Jun-1	L4 Erin Hanson, Consultatio n and Accommod ation	Tsleil- Waututh Nation	dAIR		29. Tsiell-Waututh requests clarification on whether the disposal of contaminants from the property will be land-based or at sea. If the disposal will be at sea, Tsiell-Waututh requests a copy of the permits no less than one month before the disposal is scheduled to occur.	Site Contamination	No	Disposal at sea is not being considered for the construction, operation or decommissioning of the Project. Disposal of materials related to the remediation project are being managed by Western Forest Products prior to transfer of the site to WLNG.
30 2-Jun-1	24 Erin Hanson, Consultatio n and Accommod ation Coordinato r	Tsiell- Waututh Nation	dAIR	Section S.S.1.2	30, Under Section 5.5.1.2, Tsiel-Wattuth requests a rationale for not including the decommissioning phase under the temporal boundaries section for the Site Contamination Intermediate Component (IC). We request that the decommissioning phase is included for this IC.	Site Contamination	Yes	The activity allowing new facility construction is regulated under the BC Environmental Management Act (EMA) and its associated Unresolved: changes to the dAR required. BC Environmental Management Act (EMA) and its associated Please review section 2.1.6 of the Section 11 Order, which outlines the scope of the environmental assessment, which includes decommissioning. The activity of decommissioning a site operated under license issued from the OII and Gas Contraision (OGC), is regulated under the OII and Gas Contraision (OGC), is regulated under the OII and Gas Contrainsion (OGC), is regulated under the OII and Gas Contrainsion (GCC), is regulated under the OII and Gas Contrainsion (GCC), is regulated under the OII and Gas Contrainsion (GCC), is regulated under the OII and Gas Contrainsion (GCC), is regulated under the OII and Gas Contrainsion (GCC), is regulated under the OII and Gas Contrainsion (GCC), is regulated on the associated Environmental Management Act, and associated regulations. OGC requires investigation and determination of whether a subject site is high risk nore. It is then na EMA Certificate of Compliance required; if not, then OGC COR [Certificate of Restoration) is required. The decommissioning phase as pertaining to potential site contamination is governed by British Columbia statute and regulation. As such, no addition to the effects assessment scope for decommissioning is required. Nontheless, the effects assessment scope for decommissioning is required. Will present the commitments as listed under the regulations specified above, which the proponent will be required to adhere to as part of the decommissioning phase of the Project.
31 2-Jun-1	14 Erin Hanson, Consultatio n and Accommod ation Coordinato r	Tsleil- Waututh Nation	dAIR	Section 6.3.1	31. Tsiell-Waututh requests that Aboriginal fishers be listed as a distinct marine user, under the sub-component Commercial Marine Use of the Sustainable Economy VC (Section 6.3.1).	Sustainable Economy	1 No	Potential Project effects on DFO-Ilcensed commercial fishing and seafood harvesting activity will be assessed as part of the assessment of the Sustainable Economy VC (Commercial Marine Use sub- component). The Commercial Marine Use sub- component. The Commercial Marine Use sub- component in the conserved will not separate considerations of public from Aboriginal groups. According to Section 17 (Aboriginal Interests) of the dAIR, where there is overlap between Aboriginal interests and a VC, the information from other sections of the Application will be cross- referenced and summarized in the context of the specific Aboriginal group's Aboriginal interest.
32 2-Jun-J	14 Erin Hanson, Consultatio n and Accommod	Tsleil- Waututh Nation	dAIR	Section 5.11		Vegetation Communities	No	Effects to vegetation communities will be considered in Section 5.11 Resolved to EAO's satisfaction of the EAC application. Effects to old-growth forests are not anticipated as part of the Project due to the Project area's industrial history; however, this will be confirmed in the EAC application.

Mayall, Jane EAO:EX

From:	Byng Giraud <byng_giraud@wlng.ca></byng_giraud@wlng.ca>				
Sent:	Monday, July 14, 2014 4:5:	Monday, July 14, 2014 4:51 PM			
То:	Paulson, Amber EAO:EX; A	Paulson, Amber EAO:EX; Amanda Zinter; Smith, Alanya C EAO:EX			
Cc:	Mayall, Jane EAO:EX; Lara	Taylor			
Subject:	30050-20/WLNG-15	FW: Open house Advertising			
Attachments:	· · ·	House - Squamish Chief PRINT.pdf; Woodfibre Advertising			
	Receipts June 2014.pdf				

As per your request. Proof of advertising BC EAO/Woodfibre LNG open house in Squamish.

Byng

The above message is for the intended recipient only and may contain confidential information and/or may be subject to legal privilege. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this message, or any attachment, is strictly prohibited. If it has reached you in error please inform us immediately by reply e-mail or telephone, reversing the charge if necessary. Please delete the message and the reply (if it contains the original message) thereafter. Thank you.

Environmental Assessment of the Proposed Woodfibre LNG Project

Open House and Invitation to Comment

Woodfibre LNG Limited (Proponent) is proposing to develop and operate the Woodfibre LNG Project (proposed Project), a liquefied natural gas (LNG) production, storage and marine carrier transfer facility for the export of LNG. The proposed Project will be located approximately 7 kilometres southwest of Squamish, British Columbia. The proposed Project would export approximately 2.1 million metric tonnes per annum of LNG.

The proposed Project is subject to review under British Columbia's Environmental Assessment Act and is also undergoing a substituted environmental assessment under the Canadian Environmental Assessment Act.

The Proponent must obtain an environmental assessment certificate before any work can be undertaken on the proposed Project. However, prior to submission of an application (Application) for a certificate by the Proponent, Environmental Assessment Office of British Columbia (EAO) must first approve Application Information Requirements.

Key to the Application Information Requirements is the identification of Valued Components to be studied and the areas within which the studies would occur. This is done through the Valued Component Selection Document which EAO has now received and invites comments on.

In order to provide information about the Valued Component Selection, EAO invites the public to attend an Open House. There will be an Open House, to be held as follows:

- at: Executive Suites Hotel & Resort, 40900 Tantalus Road, Squamish
- on: June 18, 2014

from: 5:00 p.m. to 8:00 p.m.

There are 30 days for the submission of comments by the public in relation to the Valued Component Selection Document. The comment period will begin on June 12, 2014 and end on July 11, 2014. All comments received during this comment period in relation to the Vatued Component Selection Document will be considered.

The intention of seeking public comments is to ensure that all potential effects – environmental, economic, social, heritage and health – that might result from the proposed Project are identified for consideration as part of the assessment process. At this stage of the process, the primary intent is to receive feedback about the studies or information required for a comprehensive environmental assessment.

After taking public comments into account, EAO will finalize the Application Information Requirements and issue them to the Proponent.

EAO accepts public comments through the following ways:

- <u>By Online Form</u> at http://www.eao.gov.bc.ca
- <u>By Mail:</u> Josh Handysides
 Project Assessment Manager
 Environmental
 Assessment Office
 PO Box 9426 Stn Prov Govt
 Victoria BC V8W 9V1
- By Fax: Fax: 250-387-0230

An electronic copy of the Valued Component Selection Document and information regarding the environmental assessment process are available at www.eao.gov.bc.ca. Copies of the Valued Component Selection Document are also available for viewing at these locations:

- District of Squamish Municipal Hall, 37955 Second Avenue
- Squamish Public Library, 37907
 Second Avenue

If you are unable to participate at this time, there will be an additional comment period during the Application Review stage when you will also be able to provide comments to EAO on the proposed Project.

NOTE: All submissions received by EAO during the comment period in relation to the proposed Project are considered public and will be posted to the EAO website.



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The Chief

Box 3500 Squamish, BC V8B 0B9 Ph: 604-892-9161 Fax: 604-892-8483

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Mayall, Jane EAO:EX

From:	Smith, Alanya C EAO:EX	а					
Sent:	Friday, August 1, 2014 2:38 PI	VI	31				
То:	Lara Taylor (Itaylor@hemmera.com); 'Byng Giraud'; 'Amanda Zinter'						
Cc: Mayall, Jane EAO:EX; Paulson, Amber EAO:EX							
Subject:	30050-20/WLNG-05-06	FW: For Review: Draft #2 AIR for Woo	odfibre LNG				
Attachments:	RDIMS-#9769718-v1-						
	WOODFIBRE_LNGDAIR_REVIEWTC_S_COMMENTS_ON_PROPONENT_S_RESPONSE						
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Please find comments from TC attached. Note that there will be additional comment on the spatial boundary for outdoor recreation from TC. Thank you Alanya

From: Doucette, Paula [mailto:Paula.Doucette@tc.gc.ca]
Sent: Friday, August 1, 2014 2:13 PM
To: Smith, Alanya C EAO:EX
Cc: Dight, Roberta; Russell, Madhvi
Subject: RE: For Review: Draft #2 AIR for Woodfibre LNG

Hi Alanya, we have taken a look at the comments and have no issues with their responses (see attached table). I've sent a note to Roberta regarding the decrease in spatial boundary for the Outdoor Rec assessment and she can get back to you with any concerns. <u>s.22</u> If you need any assistance, feel free to contact my Manager, Ian Chatwell or if it can wait, I'll be back on August 18th. Thanks, paula

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	Date	Submisser	Agunty/		Relevant section and			Change to the draft VC selection/dAl R required?	Application Roview and/or Permitting			
TWN-1		Erin Hanson, Consultation and Accommodation n Coordinator	Affiliaton Tsleil-Waututh Nation	dair		Contract/450000502119645900000000000000000000000000000000000		No	asulenen ((plotofills Kropuss) Since the Warking Group meeting, WLNG has confirmed the project layout, The LNG facility will be located on land, and the floating storage and offloating unit will be located on water. The project decouption will be associad as part of the environmental assessment certificate (EAC) application,	1999 Round 2 - Dur Aug 112010	
Twn-2	2-Jun+14	Erin Hanson, Consultation and Accommodatio n Coordinator	Tsleli-Waututh Notion	dAIR		2. From mostings with WoodFilms LNG (April 29, 2014) and the black Advisory Working Group Meeting (May 12, 2014) for the Project, It is our understanding that the LNG storage facility is to be located on water. Table/Moutlah neguests that the proponent provide the rationale behind this decision.	Project Description	NG .		The LNG storage facility will be leaded on value for two primary ratios, a frictly, constructing ignicid-based LNG at ange that meets the zerroent building code solemic standards would be challenging. The water-based stances facility is able to better withstand astemic events, eccondly, decommissioning the failthy at its and of Lis savice period would have less anvironmental impact with water-based starage.		
TWN-3	2-Jun-14	Erin Hanson, Consultation and Accommodatio n Coordinator	Tstell-Weututh Nation	dAIR		 TaileliNavuteth regionate dia inflation on the amount of joind that will be used by the project: both disturbed (brownfield) and undisturbed (greenfluid) land. 	Project Description	No		The Project will perimarily be located within arrous that have alroady been tearred; however, some areas of odditional dearing will be examined. The areas where idearing is expected to be required include the natural gas specifies from the matering station to the LNG facility and the stopdown transformers. This information will be confirmed in the Project packfolds needing to the LNG facilitation and carried forward into the diffects assessment as required, Beation 5.11.3 of the dAR states that Project offeets that will be assessed include direct loss of how vegetation during Project construction. WLNG is currently calculating the areas similariated to be cleared for the Project and will provide these areas to the Tsieli- Wurdth Nation.		
TWN-4	2-Jun-14	Erin Hanson, Consultation and Accommodation n Coordinator	Tslelf-Waututh Nation	dAIR	Section 2.2	4. in Stetlan 2.2, under "The Application will arowise the following" please add "dentification of First Nations whose territories the proposed Project is situated on."	Projost Description	Yes		The following builer has been added to Section 2.2 of the dAIR, identification of the Aboriginal groups whose territories the Project is located within,	<u> </u>	· · ·
TWN-5	2-Jun-14	Erin Hansen, Consultation and Accommodation n Coordinator	Tstell-Waututh Nation	dAIR	Section 2,5	5. Under Section 2.6., Project Benefits, Tsieli-Waututh requests that conomic benafits to First Nations an identified, including Aurginal procuremant, one of a number of mechanisms to exame meaningful aconomic benefits are returned to local First Nations.	Project Benefits	Yas		The following changes have been mode to the 2nd paragraph in Section 2.5 (changes in red text): The Propenet anticipatas hing qualified, competitive, local realdents for its workforce from Squamith and the surrounding area. Including local Abodyloal groups, where the appropriate skills are available. The Propenent will also consider economic benefits. Section 27 of the EAC Application will include Abariginal Interests, as identified by publically available information and		
										also by the views expressed by Aborginal groups through the consultation process. Section 20 of the EA will summarize the Issues and concerns raised, along with the proposed mitigation measures.		
TWN-6		Erin Honson, Consultation and Accommodatic n Coordinator	Tsiell-Waututh Nation		Section 17	5. Yalofi Walowth seks assumences that potential impacts to Aboriginal harvesting rights (e.g., hunding, fishing and gathofing rights) be assessed as part of the register invironmental ovaluation thist includes both specific sites and fevoured species.	Aboriginal Interests	No		WLNG confirms that, where information is available, potential impacts to Aboriginal harvesting rights will be assessed as part of the environmental evolution. Further information regarding how these effects will be considered is provided in Section 27 [Aboriginal interests] of the dAIR.		
Twn-7	Z+Jun-1	Erin Hanson, Consultation and Accommodation n Coordinator	Tslel>Waututi Nation	dAIR	Section 17	7. Since there is no separate pillar for "Aboriginal rights and title", will the concerns of boriginal groups be considered and made explicit under each Valued Component?	Aberiginal interests	No ·		If information is somilable, each VC section of the GAC Application will desort be not realized and moved deg and traditional use information, as obtained through consultation with Aboriginal groups and other sources, were used in the assessment. Where there is overlap between Aboriginal interests and a VC, the information from other sections of the Application will be conservergranced in Section 27 and summarized in the centex of the specific Aboriginal group's Aboriginal Interest.		
TVN-8	2-Jun-1	Erin Hanson, Concultation and Accommodation n Coordinator	Nation	dAIR	Soction 5	8. We request there be an inventory of impacts on the following special: a. Ungulates b. Book boor c. Cougar d. Wolf	Assossment of Potential Environmental Effect (Marmais)	No		(a) The potential for ungulate populations to experience long- term project-related effects is considered negligible. Ungulates are not recommended for includent as a project VC. 3) Potential to occurs Black-saled deer are a common species in hobitats. Bit have been introduced incu the Cowhom drainage WHENKO. It is uso occur in nearly Markba drainage and may occur within adjacent habitats. 2) Potential to be affected: Consideration of Project design and sitting (i.e., brownfield stalp and consideration of project design and sitting (i.e., brownfield stalp and consideration of project design and sitting (i.e., brownfield stalp and consideration of project design and stating stalp and thabita value based on current site continions association and malatus value based on current site continions all stargets that ungulates will not be affected by Project development. Miligation measures such a perimetter finding will intrine regulate the potential for ungulate populations to be golversely affected by the Project.		

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Comment ID#	Date Submitted	Submitter name and title	Agency/ Affiliation	Commert relevant to draft VC selection or dAIR?	Relevant section and page number	Company/ Issue Description/Suggested Changes	Category/Titeme	Change to the draft VC selection/dAl Rirecolred?	Permitting: Requirement? P	Menoment 2 Regularia	AAR Bound 2- Dur Augul 2014	
				_			-	No	0 14 15 15 16 16 16 16 16 16 16 16 16 16 16 16 16	b) The potential for black bear populations to asparience long- ern project-roled effects is conditioned negligible. Bische bear en project-roled effects is conditioned negligible. Bische bear en of trocommended for inclusion as a Project VG. b) Potential to accurt Bisch and may occur within neglecent laatilats. Jotential to be alfocted: Current mitigation (perimeter enting and management of wildlife-human conflict) was sansiderer to assess potential Project-roleted effects to the pecies. Consideration of Project design and sting (i.e., urownfield sticl and consideration of species habitat association ind habitat value based on current site conditions suggest that laak bear populations will not be affected by Project activities.		
								Na	F - 19 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	c) The potential for wolf populations to experience tong-term register-totated directs is considered negligible. Gray wolf is not commended for inclusion as a Project VC. J Pannial to exeru Wolves are a common species in the Squamish forest District and may exeru within adjacent abilitat. J Potential to be affected: Current mitigation (perimeter dencing and management of wildlife-human conflict) was considered to assess potential project-violated effects to the species. Consideration of Project design and sting (Lo, prownfield site) and consideration of projects hobits association and habitat value based on current site conditions suggest that wolves will not be affected by Project activities.		
								No		(2) The patential for cought populations to experience long- term project-robuid effects is considered negligible. Cough is in recommended for (Inclusion as project VC. 1) Potential to occur: Cought are a common species in the systemist horeat Libraria and may occur within adjacent tabilitat. (2) Potential to be affected: Current mitigation (perimeter foncing and management of wildlift-human conflict) was considered to assess potential Project-rolated offices to the species. Consideration of Project darge and siting (I.a., prownfloid site) ad consideration of paceds habits association and considered to assess potential Project darge and siting (I.a., prownfloid site) ad consideration of paceds habits association and considered to assess potential Project activities.	· · · · · · · · · · · · · · · · · · ·	
TWN-9		Erin Hanson, Consultation and Accommodatio n Coordinator	Tsielt-Waututh Notion	dAIR	Soction 5.8	S. Tsieli-Waubuth requests information on sowage discharge and whether the sawage treatment situe on the property will be included in the environmental assessment and/or remediadon plans.	Marine Water Quality	No		Information on discharges to the marine environment will be included in the EAC application, including the patential effects associated with these discharges. Sewage discharge requirements will also be addressed during the parmitting process. Applications will be submitted to the foil dispatch (OEQ) for any required wated tabharges parmits (including air emissions, effluent discharges parmits (including air emissions, effluent discharges, and relues (spead). Sewage discharge may able required examt discharges (spead). Sewage discharge may able required examt discharges (spead). Sewage discharge may able required examt discharges for the balling remediated by the current owner (Wostern Forest Produce) and a divinity of environment Cotificato of Compilians (CoC) will be obtained as a condition of purchase. Any mitigation or monitoring requirements of the COC will be fulfiled by WLNG.		· · · ·
TWN-10		Consultation and Accommodatio	Tsleil-Waututh Nation			10, Tsiell-Woutuch requests an update on the status of Transport Canada's TERMPOL review process for this Project.	Marine Transport	ND .		A TERMPOL review will be conducted for the Project. WLNG has started discussions with Transport Canada. The TERMPOL assessment will be completed after the Project has submitted the EAC application.		
1WN-11	2-Jun-14	Erin Hanson, Consultation and Accommodatio	Tstell-Woututh Nation	dair.		11. Tsiell-Waututh requests more information on air emissions fram the UNG facility and shipping activities (Inducting both LNG tankers, escort tugs, and farrying of employeas) within the Regional Assessment Area for Atmospharic Environment.	Atmospheric Environment (Air Quality)	No		WLNG confirms that additional information on the potential effects on air quality from air emissions from the LNG facility and shipping activities will be provided in the EAC application,		
TWN-12	2-Jun-14	Erin Hanson, Consultation and Accommodatio n Coordinator	Tsell-Wayluth Nation	dAIR	Section 5.3	12. TisleHWaukuth requests that the Atmospheric Environment Assossment Areas. Include the Indian River Watershed and Indian Arm Ir the Local Assessment Area.	Atmostperit Environment (Air Dualiky)	No		The casessment areas for all quality encompasses the area where potential offects are expected to occur; if provident modelling indicates the extent of the effects is larger than the current assessment area, the assessment area may be expanded. Section 4.3.1.1 includes the failowing statement: The anticipated boundaries for the assessment of the Project- ration of the area by the weat and the anticipated traited effects on each VC have been determined to encompass the physical scape of the environmental and socio-economic effects that could occur due to Project-related construction and oporation activities (Tables 4-2 and 4-3), Additional retorate for the sociection of the boundaries (Included in Section 5.0 through Section 3.0 for each VC and VC. Should boundaries for the change will be presented".	*	

EAO-2014-00066 20 530 Page 22

Comment IU#		Submitter name and title Erin Hanson,	Aguncy/ Athinger Télejawarth	Comment relevant to draft VC suject on or dAIR	Relevant section and page number Section 5.4	Comment/ (swi & District ov/ Suggested Chonges 13. Telel-Wautuch requests that channel geomorphology and patential	Critespry/ Theme Geomorphology and	Charge to the draft VC sciection/cAL R required? No		repotent's Response UNG daes not anticipate efforts to enext geomorphology	IAIX Round 2 - Bue Aug 11.3014	
		Consultation and	Nation			Impacts to creek geomorphology are included.	Natural Hazards		w c	ould occur because the Project will only affect Rows in Mill reek over a short reach (*300 m).		
TWN-14		Erin Hanson, Consultation and Accommodatio n Coordinator	Tslell-Waututh Nation	dAIR	Section 5.10	14. Totel-Wauturn requests more information on how the SHG Vajued Component will be assessed without definitive spatial boundaries.	GHG Management	No	h cf w די י ע ג ג ג ג ג ג ג ג ג ג ג ג ג ג ג ג ג	ne climate change assessment will individe climaterizing the startic and future climate, changes in future climate and how finate change way affect the Project Infrastructure. This work Ill focus on the same study area as the RAA for air quality. The climate change assessment will also consider how the register will contribute to GMG emissions, This will be indentaken by quantifying GHG emissions associated with the regist and comparing to pirovincial and federal levels of GMG missions.		
TWN-15	2-Jun-14	Erin Həncon, Consultation and Accommodatio n Caerdinator	Tsleil-Waututh Nation	dAIR 		15. The Heritage Resources Valued Component should also induce the outward inportance of lands, waters and resources, specificatly calurally valued store (e.g., splritual store, transformer store, viewscapes) latentified by First Nations in the Heritage Pillar.		No	V 17 17 17 17 17 17 17 17 17 17 17 17 17	UNG confirms that, where available, the Herotage Resources will include theymation on the traditional knowledge and aditional use information, there there is overlap between Aberiginal Interests and a VC, to Information from other sections of the Application will be reso-referenced in Societin 37 and summarized in the context the specific Aberiginal group's Aboriginal Interest.		
TWN+16	2-Jun-14	Erin Hanson, Consultation and Accommodatio n Coordinator	Tsfell-Waututh Nation	dAIR		16. Toisile/Vaauuth is concerned about impacts to Southern Resident Killer Whale SRWQ) and other manher namesha sa areule of the Project, and would like more information on the following: a increased marine traffic, and therefore vessel strikes, to marine mormals (including SRW) b. Aboustic discurbance to morine mammals (including SRW)	Marine Mammals	No ·	כ מ ש א ע	Ithis acknowledges the concern of the Talel-Wabuuth and onfirms that patiential efforts to the whales, fuelding pathern resident killer wholes, and other marker mammals as result of direct and indirect effects from Project activitias will a seassed. With Gooffmer that the assessment will include increased harine Wammals VC effects assessment will include increased partner traffic and acoustic disturbances.		
TWN-17	2-Jun-14		Ysiell-Wautuch Nation	dAIR	Settion 7.3	17. TailelWautuk recuest information on how the proponent plans to monitor the inpacts from third party vessels (i.e., escort tugs) associated with the project.	Marine Transport	No	וי גער גער גער גער גער גער גער גער גער גער	ditional information regarding the use of support vession, usiding each turks, will be helpedied in the EAC Application, reliading an assessment of these activities on the VEX Vessels sed for the Project Will tarus it in accordance with the Conndor Nephrop Act (2001) and regulations established by Transport anada and the Pacific Pilotage Authority. addition, addition, addition of monitoring programs that are ntibipated to be required during Project anstruction and peration will be included in Section 13 of the EAC Application.		
TWN-18	2-Jun-14	Erin Hanson, Consultation and Accommodatio n Coordinator	Tsloil-Waututh Nation	dAIR	Section 7.3	18. Tsleil-Wottuth is concerned about increased marine vessel traffic and requests more information on the underwater acoustic footprint of the following vessels on marine life: a. JNG unders b. Escort tugs	Marine Transport	No	ព ជ ភ ង ខ	VLNG confirms that information regarding the underwater obse expected to be associated with the Project will be ravided in the EAC Application, including the underwater obse associated with shipping activities. This information will be carried forward into the relevant VC effects assessments, pacifically sociation 5.3 - Forage Fich and Other Rish and betten 5.19 Marine Mammats.		·
									l li 11 t 3 r r r r	loise levels of LNG tankers and escort togs will be characterized ased on available information in the public domain / scientific feature, and this will be compared to known escusic hreshold etheria for toothad whates and baleen whales to ases the likelihood and consequence of patiential underwater oilse impacts on these receptors. Recommended mitigation necesures to minimize effects of underwater noise on sensitive anian receptors will be provided as part of the environmental sessent		
	-								f F t	her messure to roduce underwater noise is to locate the LNG onliky on land. As well, LNG carriers will be roquired to follow addite Pilotage Authonity's speed regulrements. Further nitigation measures for underwater noise will be identified in he EAC Application.		
TWN-19	2-jun-1-	Erin Hanson, Consultation and Accommodatic n Coordinator	Tslelf-Wautut# Nation	1 dAIR	Section 5.15,	13. Tiel-Wakuth requests that the Regional Assessment Areas for the Marine Wate Quality, Frashwater With and F&In Habita, and Forage Fish and Other Fish Study Assessment Areas be expanded to include Fish Narrows of Surrard Inlet and the western edge of Gower Point, approximately 4 km west of Gibsons.	Marine Water Quality Freshwater Fish and Fish Habitat, Forage Fish and Other Fish	ς, ΝΟ	2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The assessment areas for marine water quality, freshwater fish and Gish habita and Groego Gish and other fish encompase the rear where patential offerts are expected to occur. If the "Indeb assessment indicates the extent of the effects is larger in the current assessment area, the assessment area may be appended.		
						· · ·			2 7 1 1 2 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2	action 4.3.1.1 includes the following datament: "The intributed boundrates for the assessment of the Project- elated effacts on each VC have been determined to encompass the physical access of the environmental and sedic-economic effects that could occur due to Project-related construction and prantom activities (Tables 4-2 on 4-4), individual attentist for the selection of the boundrates is included in Section 5.0 hrough Section 5.0 for each (C and VC. Schould boundrafms hange during the course of preparation of the EA, a rationale or the change will be presented",		
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Dete Dete	Silonister name and title		selection or dAIR?	poge nomber	Company/Style Davdpi (or/Suggester Clengus	Category/Thome	Rinaguinedi	Application Review snd/or Purmitting Regultement?	Proponent's Response	SAIR Rects 2 - Doc Aug 112014	
	14 Erin Hanson, Consultation and Accommodation n Coordinator	Tslell-Waututh Nation		Section 5.15, Section 5.18	[20, Takihi Wautuch request that the Squamkh River and Mamquam River estuarks to Included, in addition to the already-included Mill Creek and Woodfibre Creek estuarios.	Morine Water Quality, Freshwater Fish and Fish Habitat, Forage Fish and Other Fish			The regional assessment areas for marine water quality, froshwater fish and fish habitat and forage fish and other fish includes Howe Sound. See Figures 4-4 and 4-6 of the revised dAIR.		,
WN-21 2Jun-	14 Erin Hansen, Consultation and Accommodation n Coordinator	Tsleil-Wauruth Nation		Section 5.15,	21. Taile/Waututh requests that a circulation model be developed for the Regional Assessment Areas of the Adrine Watter Cupitky, Frankwater Feh and Fish Habitat, and Forage Fish and Other Fish Study Assessment Areas.		, Yes		Near-Relat and fin-Relé inumorical dispersion models are boing developed to media the water cuality effacts associated with servater caoling system. The results of this model will be presented in Section 5.30 of the SAC Application (hardner Water Quality). Any patential changes to water tamperature will be identified in this social, where applicable, the freshwater fish and fish habits and forage fish and other fish sections will cross reference the marine water quality section of the SAC Application. The following text has been added to Section \$.03.3 of the dAIR. Potential Project-related effocts to marine water tamperature from the seawater cooling sater will be modeled using near-		
				-					field and far-field numerical disparation models. The model results will be occlusted splatter antine water quality stated guidelines. Where applicable, the results of the sequenter cooling system dispersion model will be crease-referenced in Section 3.1.5 - Restwater Rish and Bin Habitat and Section 5.1.8 - Forage Fish and Other Fish (Marine).		
WN-22 2-Jun-	14 Erin Hanson, Consultation and Accommodation n Coordinator	Tsiel-Waututh Nation	dAJR	Section 5.6,		Marine Water Quality Surface Water Quality, Surface Water Quantity	No		Both marine and fredimeter intoker will be utilized for the Project. The flow to be diverted and solar sefficial spart of the ongoing design process. It is currently anticlasted that the seawator seesing system will collect 17,000 m ² /h through an intake pipe located more than 25 m below the surface of Howe Sound. After absorbing hold from facility equipment in a closed logo system (i.e. at no time with be seawater crose how after contact with the flow/dection refrigerants), the seawate direct contact with the flow/dection refrigerants), the seawate will revont the soart. The LNG follow and supporting facilities will divor less freely water than the adding Wattern Forest Products water loance on MII Croak (0.73 m ² /e) that will be transformed to WING.	-	
							-		Additional information regarding the water Intekes will be provided at the EAA Aopitation. Voiter Uwer-Join: From Mill Creek will be considered in Section 5.9 (Surface Water Quantity) and the seawater cooling system will be considered in Section 5.10 (Marine Water Quality), Where appropriate, miligation massures will be identified as part of the effects assessments for potentially affected VCs.		
	14 Erin Hanson, Consultation end Accommodation n Coordinator	Tslell-Waarut? Nation	dAIR	Table 5-7	23. Table/Wauluth understands that there are no anticipated process water discharges link feetwaters accuracity. We do however, rough information on the nature and valume of olischarges into morine water. We roquest more information on the following discharge parameters for Marine Water Quality (Table 5-7 of ARIK): a. Tomperature b. Chlorice c. Any biological and chemical contaminants -	Mərino Water Qualify			Additional Information regarding bacdine maine water quality as well as information regarding the seawater colling system and any treated process watars, storm water or waste water discharges will be included in Section S.10 (Marine Water Cuality), Nutrients, metals, lydrocarbons (pernoleum and PAHs) have been added as indicators for Marine Water Cuality (Table 5-3), Toal redgiud Otherine and temperature are already included. Based on the characteristics of the treated discharge, a waste discharge permit from the Oli and Gas Commission may be		
WN-24 2-Jun-	14 Erin Hanson, Consultation and Accommodati Is Coordinator	Nation	dAIR	Tablo 5-7	24, Takell-Woututh also requests that the following are induded in the parameters for Marine Water Quality; 3. Discilved oxygan 9. pH 6. pH	Marine Wator Quality	No		alsonage permit from the Out and Gat Commission may be required, WENG confirms that dissolved oxygen, pH and conductivity are included in the parameters for study for the Marine Water Couldity (C. Dissolved oxygen, pH and conductivity have been added as indicators for Marine Water Quality (Table 5-9).		

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Commant: ID4	Date Supplities	Submitter Name and Little	Agency/ Affiliation	selection or dAIR?	pagendmber	Cormony/ Insue Description/Suggested Comput	Category/Theme	R required?		Proportini i S. Responder.	6Air Rein (2 - Dir Augul 2014	
TWN-25			Tsioil-Waututh Nation	dair		25. The public Health Valued Component thould be re-titled to Influide groups other throw the general public (e.g., Health or Human Health). We further request that the VC Include quality of II's and community well-being to compass, the soald a destriminants of health rather than only the physiological influences.	Public Heath	Yes -		WILG does not stand to acklude aborgignal health factors will be included in Section 3 - Assessment of Potential Health Effects, The torm Public Health is too the bound to the end of Moman Health Risk Assessment (HRRA) and specific key indicators of health Information. The Public Health X Chas bech ansended to include two sub- components; (a) Human health risk and (b) Community health and well-being, the indicators for the community hubith and well-being sub-component includes secial datorminants of health complexent includes secial datorminants of health cost and the reaction of the Adard for the Adard health cost and the reaction of the Adard for the Adard health cost and the reaction of the Adard for the Adard health cost and the reaction of the Adard for the Adard where there is covering between Adardiginal Interests) of the Adard Aborginal group's Aborginal Interest.		
TWN-26	2-Jun-14	Erin Hanson, Consultation and Accommodatio n Coordinator	Tstell-Waututh Nation	dAIR		26, Tsiels-Waytuth requests a definition for the term "zournry isodd" and darfittation on whether this definition is included in BCEAD matchala. It is impeative that BCEAO Calify the target user-group whether assassing impacts to country feeds. There is a significant difference between country foods as accessed by mombers of the general public (i.e., recreational wares who may occasionable flat or tunk for recreational purposes) and as accessed by Abadrigana tappies, who hold pre-existing and constitutionally-protected Abariginal rights to harvest is substance, eccemonalia, and scale fluoreboar. The harvesting of country (pods is on Aborginal right, and therefore, the considerations of question.)	The definition of country foods as it relates to the public health assessment "Include thread foods trapped, flatkel, hunted, hardwards or groups for substance or medicinal purposes, or abtinet from recreational activities such as sport flahing and/or gene hunting. [Neah: Counds 2010]. This is consistent with the Taleli-Waututh's requested definition of country foods a "substance, commonial, and activitings". Country, hunting, flashing, and gathering?". Definition of country foods added to Section 9.2.1 of the dAIR.		
TWN-27	2-Jun-14	Erin Hanson, Consultation and Accommodatic n Coordinator	Tsieli-Waututh Nation	dAIR	- -	27. Tailel Would neurosa changing that term "country loads" to "substateme, extremonial, and social harvesting of resources (og, hunting, lishing, and gathering). This would therefore assess patential project impacts to game, shellish, lish, and traditional vegetation for food, modifich, and material uses part of the arginet environmental evaluation and/or human and ecological health evaluation.	Public Health			The definition of country foods as it relates to the public health seasesment and be defined as "Include tables foods for trapped, fished, hunted, harvested or grown for subsistence or medicinal purposes, or obtained from recreational activities such as sport fishing and/or grown hunting "(health Canada 2010). This is consistent with the Tsiel-Wayouth's requested definition of country foods as "withsitence, corrennoils, and social hervesting of resources (e.g., hunting, fabing, and gathering").		
TWN-28	2-Jun-14	Erin Hanson, Consultation and Accommodation in Coordinator	Tsioli-Waututh Nation	CAIR		28. Tale/WaiLWA noquests status updato on the current sito contamination assessment being conducted by Western Forst Products, along with remediation and monitoring plans, in addition, we request to be provided with site maps identifying sampling locations.		Nb		Woodflove LNG is purchasing the site from Woodforn Forest Products, which is researable for remofability the state to provincial standards before the sale is finalized. Accordingly, all data reliating to this memolition belongs to Wostern Forest Products which the memolition belongs to Wostern Forest Products which Social area belows advinited to the BC Ministry of Environment for review, and a contractor to carry authe work is being valored actional samples of the bibs being arrived out as part of the process to abbiling a lab being arrived out as part of the process to abbiling a certificate of compliance with the bilintary of Environment.		
TWN-29	2-Jun-1/	Erin Hanson, Consultation and Accommodation n Coordinator	Tsiell-Wautoth Nation	dair		29. Tsiell-Wasuuth requests ctarification on whother the disposit of containions from the property will be land-based or at sea. If the disposit will be at saa, Tsiell-Wasuth requests a topy of the pertits no less than one month before the disposal is scheduled to occur.	Site Contamination	Νο	-	Disposal as soa is not being conditered for the construction, operation or decommissioning of the Project. Disposal of materials related to the remediation project are being managed by Western Forest Products prior to transfer of the site to WENG.		

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Comment-104 TWN-30	Data Submitter	Sübmitter name and tille Erin Hanson,	Arenov/ Affiliation	dair?	Relevant section and page number Section	Comment/ Issue Oncorption/Suggested Conepts 20 Under Sector 555 Public Validation excesses antipage for not	Cisupor//Renc.	Change to the draft VC sulection/cAL R required? YCs	Application Review and/or Permitting Regularment?	Proponetts/Resorts The activity allowing new facility construction is regulated	SAR Joing & Duc Aug 12005	
		Consultation and Accommodatio n Coordinator	Nation		5.5.1,2	Including the decommissioning phase under the temporal boundaries section for the Site Contamination Intermediate Component (IC). We request that the decommissioning phase is included for this IC.		103		under the BC Environmental Monogeneer Act (EMA) and its associated Contaminated Sitos Regulation. This requires that the propanent obtain a Cartflicate of Compliance (CoC) demonstrating site remediation.		
										The activity of decommissioning a site operated under license issued from the Oil and Gos Camuliadon (OGS), i regulated under the Oil and Gos Activities Act, Petroleum and Netural Gas Act and the associated Environmental Management Act, and sosociated regulations. GGC regulates Investigation and determination of whether a subject site is help take new. If it is, then an EMA carificate of Compliance required. If not, then GGC COR (Certificate of Rostoration) is required.		
								•		The docommissioning phase as portaining to patential ate contamination is governed by Arkhic Golumbia stutute and regulation. As such, no addition to the effects assessment scope for decommissioning is resulted. Nonetheless, the offects assessment will present the commissionic as listed under the regulations sportfield above, which the propenent will be required to adhere to ac part of the decommissioning phase of the Project.		
TWN-31	2-Jun-14	Erin Hanson, Consultation and Accommodation n Coordinator	Tsiail-Waututh Nation	dair,	Section 6.3.1	31. Tslell-Waututh requests that Aboriginal fishers be listed as a distinct marine user, under the sub-companent Commercial Marine Use of the Sustainable Economy VC (Section 6.3.1).	Süstainable Economy	No		Periontial Project offects on DFO-licensed commorcial fishing and sandoad harvesting authity will be assessed as part of the assessment of the Sustaihable Genomy VC (Commercial Marine Use sub-component). The Commercial Marine Use sub- companent will not separate considerations of public from Aboriginal groups.		
										According to Section 37 (Nebrighan) Interests) of the dAR, where there is overlap between Aborighan Interests and a VC, the information from other acclose of the AppSication will be cross-referenced and summarized in the context of the specific Aboriginal group's Aboriginal Interest.		
TWN-32		Consultation and Accommodatio n Coordinator	Tstell-Waututh Nation			 Totel-Woutuch requests that there be an inventory of impacts on old growth forests. 	Vogetation Communities	NO		Effects to vegetation communities will be considered in Section 5.1.1 of the EAC application. Effects to old-growth forests are not anticipated as part of the Project due to the Project areas in industrial history; however, this will be confirmed in the EAC application.		
1		Russell Inouye, Fire Chief	Squamish Fire Rescue	GAIR	2.2.5- P10	There are no buildings identified to support Firo Fliphting / Rescue / Training services during the construction phase. Will this be addressed?	Project Description	ND	Permitting Roquirement Local government	Prior to operation of the Project, the Lipselfood Netural Gas- Scattry Regulation requires that VLIG sergens a Satify Loss and Management Program that complice with CSA 2226. This program includes a detailed Emergency Responses Plan that includes should mented emergency response plons, required economics. Training requirements, identification of trained paramental and plans for transgointy drills and exarches. The Project will be saft-sufficient in terms of emergency response during operations.		
										Potential effects to existing emergency services will be considered as a subsemponent of the "Community and infrastructure Services" VC. WUNG has more with this Squamish Fire Reseurce of steues their concerns, and will continue engoing slologue as required.		
2		Russell Inouve, Fire Chief	Squamish Fire Rescue	CAIR	2.2.5- P11	Supporting infrastructure — Would the proponent expand on the types of safety focilities and the types of structures? Will they have the ability to be self-supportive in the event of an Earthquake for an extended period of time?	Project Description	No	Permitting Requirement Local government	Please also see the response to Comment #1. WLNG has met with the Squamish fire Rescue to discuss their concerns, and will continue angoing dialogue as required.		
3	2-Jun-14	Russell Incuyo, Fire Chief	Squamish Fire Rescue	dair.	2.2.6.1 - P12	Will there be a hydrant system developed on site with engineered water flows to support firefighting and fire suppression operations?	Project Description	No	Permitting Regultement Local government and CSA	Please also see the response to Comment #1. The Project will include a deluge system and fire hydrants. Fire fighting requirements will be assessed during the detailed Emergency Response Plan developed during the permitting	en 1997	
	2-Jun-14	Russell Inouya, Fire Chief	Squamish Fire Rescue	dAir	2.2.6.1 - p13	Will the farry system/bargo be capable of transporting vehicles up to 35,00Dkg and 13 meters in length (f required?	Project Description	No	Permitting Requirement Local government	process. The transporting of emergency valitates by ferry to the size in the event of an emergency will not be required. The Project will be self-adflicted in terms of emergency response during operations. WUNG has more with the Squamish Firo Rescue to discuss their concerns, and will continue ongoing dialogue ps required.		

Dard Submitter As Comment De Supnitted Tame and stijs Af	Comment relevant to draft VC Relevant genry/ science of the sector and distor parts of the sector and parts of the sector and the sector of the	r: Gomment/Issue (Petr: jpflan/Suggestrid Changes	es (es de 56)	Change to the Applicati draft VC selecton/dAI Permittie	nd/ar
5 30-May-14 SCRD (David Su Rafael, Senjor Co	unshine dAl8	b) Reference should be made to the proposed Provincial process known		Vec	The EAVIE Includes Project-rotated cumulative efforts assessment according to provincial and federal guildeness. In which other projects that may interact cumulatively with Project-rotated reallow effects will be considered. The Eagle Mountain Gas Ploeline Project (in which the upgrades to the Port Miolan compresson station are being considered) was indiversely onlited from Table 4-5 in the dAIR, and has now boen included. We curderstand that there are ongoing discussions within the province regarding to Cumulative Effects Framework for Howe Sound; however, it is not in place at this time.

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Comment ID4	5.516	Subra aur name and title	Asoncy/	Comment relevant to draft VC selection or dance	Relevant section and	Comment//surp Description/Suggester Changes		selection/dAl	Review and/or Permitting		dAINING 2-2019 AVX2-2019	
6	Z-Jun-14	Kellie Leedham, on behalf of MoE and MoH, Manager,	Ministry of Environmental Protection, Oli & Gas/LNG Team	dAIR	Pg 39,	The Port Melion Pulp mill should be included in the assessment as an		Yes		40 Julia Sud 2016 Table 43 in the Alk has been edited to include the Pert Metion Pulp Mil,		, , ,
7	30-Мау-14	Rafael, Senior		dAIR		a) The list of Projects/Activities for Cumulative Effects Assessment needs to include specific activities from existing establishments such as Camp Potitisch for consideration;		No		Existing recreational marino settivities are addreased in the existing conditions section is a component of the Marine Outdoor Recreation Subcomponent in the Lond and Resource Use VC (Section 7.4). Marino activities undertaken at Camp Pottaths use has tayaking and canceling will be included in this soction.		
8	2-Jun-14	Leedham, on behalf of MoE and MoH,	Environment-		Pg. 39	Cumulative offacts will be assossed for each assessment discipline where the residual efforts from the project could interact spatially and temporary with the <u>same</u> raislast effects from other identified Projects. This astaments seems to define the scope to o narrowky effects an VCs may be substantial depline nat being the same mechanism. Propose leaving "same" aut. JP		Yas	Application Review	If the residual affect is the samo, regardless of the mechanism, it will be considered in the numulative effects assessment. For sample, if there is a raisbuil effect to water quality (lag., turbicity) from legging activities, and a residual effect to turbicity from regist construction activities, the cumulative effect will be considered. Section 4.6.1 has been edited as follows (changes in red): Cumulative effects will be assessed for each assessment dissipling-where in which the residual effects from the Project energy are fixely to interest spatially and temporally with the some residual offects from other identified Projects.		
.	7-May-14		Ministry of Forosts, Landa and Natural Resource Operations (MFLNRO) - South Cosst - Authorizations		2.7 page 19	Concurrent Permitting The 2013 Project Description, page 50 has: WNGL anticlastics applying for concurrent permitting, under 80% Concurrent Approval Regulation, for the following provindual permits and illenets: INK Sacilly Permit (BC 001 and Gas ActiViterAt); Water Ucense (BC Water Act) and Waste Discharge Permits (BC Environmental Monagement Act). While the May 5, 2014, version 20, page 39, 24/81 has Waste Discharge Permits (BC Environmental Monagement Act). While the May 5, 2014, version 20, page 39, 24/81 has The Propenent is pursuing aynchronized permitting, with the BC 001 and Gas Commission (CGC). Noted for change in permitting process.	Applicable Pormits	No	Permitting Requirement OGC	WLNG acknowloggs the comment and confirms that synchronized permitting with the OGC will be pursuad.		

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Comment ID# 3	usmitted		· · · · · · · · · · · · · · · · · · ·	selection or dAIR?	ane numbur	Comment/ Issue Procrytolon/Suggested Charges With respect to assisted in low from any roles (ultration). He consets	Citiogory/Cheme Atmospheric Sound	Change to the draft VC selection/dAl R required?	Review and/or/	Popenent: Response Health Canada recommends sansidering American National	dAlk Round 2-Dup Aug11,2014
			(HC)		16)	that the Proponent reference guidance from the American National Standards Institute (ANSI), 2005.			Revlew, Permitting Requirement OGC and Worksafe BC	Standards Institute (JANS), 2005 when assessing low frequency inde (LPN), when which as the two and the un-weighted noise loves in the 15 Hi 21 JS. Ho, and 53 Hz entawe-bands should not exceed 70 dB. As the ISO 9613-2 hoped colculation algorithm that will be used to predict noise levels associated with the Project does not consider tha 16 Hz entawe-band, and holes cource emission data is generally not available in the 15 Hz extrem band, this calculation emote be ecoupleted and will noise be could be in this association. Instead, the noise assessment will consider the DGC British Columbia Noise Control Best Projects Guideline and Alberts Energy Regulator document Directive 038: Noise Control when associating LFN.	
33.5			FLNR - Saa to Sky Natural Resource Düstrict	dAIR	5.3 512, 513	Potential changes to baseline environment, incidentally identifies 'forest firs' as a potential impact from Climate Change. This and a build in Section 12 & 'filters' of the Environment on the Project serve to be the only recognition of this risks, 13 heludes fire interact and abatement as a proposed onvironmental menagement plan The proposed development ands a currounded by upland second growth forests which may pose a wildline risk to Infrastructure and human file ond safety during practical flow precipitation and a summer high hate conditions. Proponent should receptible this risk and provide meanmendiations for fuel transmiss to protect investment and a midgate impacts to other values, such as surrounding forest values, of quality. AC FireSmart guidelines are available for reference. "Forest Fire" as a subject may be more appropriately described in Section 7.4, as 'widdfire' is finice to Land and Recourse Used (commolies hum and set as a vision for ecosystem restoration a,e,' prossible burra may be used as a too for ecosystem restoration a,e,' prossible (Fer alms is magnet in Hum Articetion at the Sect os by District level). Where firehronaks are readived (if supported by a mare detailed basessment). Jenet for which readings and the support of by a mare detailed	Noturol Hazards {ronamod	Yes		WLNG asknowledges this commont and confirms that the risk for forer times (wildfire) to be caused by the Project Will be specifically addressed in Section 311 (Accidents and Maifunctiona) and mitigation messures will be implemented as warntued. The potential for wildfires to alfact the Project Will be considered in Section 12 (Effects of the Environment on the Project). The builde in Section 12 (Effects of the Environment on the Project) as mended to acad "Ire, Inducides "Ire/Inducides At this time, It is not anticipated that Crown land will be required for fire/breaks or other fire-fighting-related activities,	
						Impacted/cleared. In this development of an EMP for 'Fire hatarid and Abatement', proponent should consult with Sea to Sky Natural Resource District (Land & Resource Specializ, Protection Officer) to ensure exposations are dear, achievable, and supparted by the regional fire centre who would respond in event of wildfire.	• •			WLNG confirms that ongoing consultation with agondiss will be conducted in order to seek their input in subsequent planning phases of the Project. Prior to operation of the Project, the Uquindle disturation Sa Sallity Requisition requires that VUKG prepare a Safaty Less and Management Program that comples with SA-2276. This program includes a detailed Emergency alars, required equipment, training requirements, identification of trained personel and plans for emergency drills and exercises.	
12	30-Мау-14	Frank DeGsgne, Land & Resource Specialist	FLNR - Sea to Sky Natural Resource District	Project Description	4.1.1	Serially nearch vigotations charance and interviews likely required, inclust a detailed assessment of fuel types or specific management practices to reduce wildling risk. The Sea to Sky Landscope Fire Management Plan (2014) Indicates that the area is within a moderato fare risk tenne, in the absence of UNG Infrastructure. This risk raise will help become starteset to high are extreme when the values of proposed infrastructure and hazards associated with the LNG facilities are included.		Yas	Application Review	The Application will provide a comprehensive jist and detailed descriptions of the approach and contexts of the proceeds environmental management plans (EMPs), which will include an EMP for Fire harard and Abatement. The EMPs will include identification of the mitigation measures. Section 12 has been amended as follows (planges in red): = Fire, Including will firms, with an assessment of fuel types Section 13 has been amended as follows (can get in red): = Fire haard and abatement, Including specific management practices to reduce will filter (risk, with reforence to the Sea to Sky Landscape Fire Management Plan (2014);	
13	30-May-14	SCRD (David Rafael, Senior Planner)	Sunshine Coast Regional District	dAir -		h) Issues of Public Sofety, for example being in an earthquake zone, be addressed;	Geomorphiology and Natural Hazards (rena mad Geotechnical and Natural Hazards)	Yes	Application Roview	Section 12 [Effects of the Environment on the Project) identifies the environmental factors deemed to have a potential effect an the Project, and WLNG confines that this section will include earthquakes. This section will include the effects and/or corresquences that may result from such an event and measure that are in place to minimize the effect. Section 22 has been amended as fallows (baness in red): Section 12 has been amended as fallows (baness in red): • Natural settine evorts, such as earthquakes, and associated effects, such as seleches, liquefection, subsidence, and tsunamis	

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comment (D9-	Date Soom[late: 2-Jun-14	Leedham, on	Agency/ Affiliation	selection or dATR?	Rolevant steel on and page number pg. 51	Comment/Anne Description/Suggested Changes Table 5-3 Propage study parameters for geomorphology and natural Natards. This bails chould also include the potential change to baseline & study/parameters for the ennoval of site overburden for site construction. The study parameters would be geochemistry and dispotal options. JF	Cotopory/Thome Geomorphology and	orale VC selection/dAt Ricegolice/P Yes	Application	Proporojnta Rospono Response to this guestion is in progress. It will be provided on July 29, 2014.	dAilt Round 2- Die Aug 32014	
15	26-May-14	Yeta Hattiantoniou, Regional Environmental Assessment Coordinator	Health Canado	νς -	Table 2 (pg. 15]	HC advises EAD that the "Site Contamination" intermediate component also provide a summary of any studies that may relate to country foods contamination, if applicable.			Review	Saction 5.7.1 his boot updated is follows (changes in red): Site contamination was adjected as an IC and will be summarked in the Applicitation beausa there is a potential pathway for disturbance and mobilisation of historical contamination during construction activities to offect ICs and VCs, including water quality, freshwater fish and fish habitat, and human health. Saction 5.7.3 has been amended as follows: Information from this section will be prosz-referenced to other ICs and VCs on the pathways of effoct related to site contaministion as applicable: - Section 9.2 Public Health	•	
16	26-May-14	Yota Hatzlantonlou, Regional Environmental Assessment Coordinator	Health Conado		33), section	For the "Site Cantamination" intermediate component, HC suggests the a rationale be provided for why the RAA is the same as the IAA. If there is any potential for the migration accontaminants beyond the Woodflore property, HC suggests that a larger RAA be considered.		Yes		Section 5.7.1.1 (Spatial Boundaries) has been updated as shown below. Local Assessment Arek: The Project Area Regional Assessment Area: Sama as the LAA. WFP has committed to abuining a BC MOS COC prior to transferring the Woodflare property to the Proponent. In order to obtain a COC, the remediation must demonstrate that contaminants are not continuing to alphorage into aquatic environments and demonstrate that existing contaminants left in slav and remediated on the ApsSed Statistica will not have adverse effects on the anvironment or human health.		
	2-Juri-14	Leedham, on behalf of MaE and MoH,	Environment+		Appendix A, pg. 1	Site contamination should be a VC, not an IC Three 2nd applicable regulations and guidelines for managing contaminated sites in SC. The Contaminated Sites Regulation, associated soil standards and applicable OCC containing and the Regulation, associated soil standards and applicable contaminated solid and the patiential environmental efforts will have to be assessed. If		Yes	Application ***	Section 5.7.1 has been updated to include the following Information. The application far a COC from MOE requires inclusion of specific technical decuments. In support of the application. These include: Preliminary Site Investigation Report, Detailed bits Investigation Report, Human Hadith and Enformmental Risk Assessment Report, Ruman Hadith and Enformmental Risk Assessment Report, Ruman Hadith and Enformation of remediation were regulated. Supplemental to the requirements within the Environmental Management Act, the contaminated Sites Reputations are able Alexandre Regulation. MOE expectations are able Alexandre Variate Regulation. MOE expectations are able clearly presented through a systematic auditing process. The Porformance Vorification Plan, which is reculared as a condition of issuance of individual conditions consider and inspection requirements a well as requirements should conditions change (e.g., new construction). The reports supporting the COC application with time they can be accessed by the public.		

SCIPACIA (JAM)	2-Jun-14	Submitter Allice and the Kimberly Needham, Director of Plannteg and Development Services	Agency/	selection or dAIR7 VC E	Environment St Pillar	Comment/Josup Restription/Secreted Chingss The spatial scope of the impacts of UKG gass beyond the alte of the proposed Failty. The study area scould take into consideration and of BC, especially where the resource is being diffied and the land where the pipelines that transport this resource are located.	Ensent/Them: Sile Contamination (Croundwater Quality)	solection/dAL Rirequired? yes	Reviewender Vernitüng Acculenten Application Review	Projection 23 Mission 45 The limits for the assessment of the scope of the Project are audined in the Section 13 Order, Part B - Scope of the Proposed Project 2.3 The following activities ore not part of the proposed relevable project of the purposes of this assessment: 2.3.3 Notable for the purposes of this assessment: 2.3.3 Notable fourthin - Woodfiltre Natural Gase Pipeline Project - nexts of Coepilation and production activities: 2.3.3 Notable Advantshin - Woodfiltre Natural Gase Pipeline Project - nexts of Coepilation take to Squarnish that is subject of Project - nexts of Coepilation take to Squarnish that is subject of Project - nexts of Coepilation take to Squarnish that is subject of Project Berly Vencouver liand) Inc. deted August 1, 2013; As indicated above, the pipeline that will transport natural gas sosparate project. Similarly, natural gas extrastion projects are assessed sosparatoly. Cumulative officts will be assessed for each assessment discipline where the residual efforts from the Project could intomat satality and transportly with the same residual efforts from other identificed Projects. Table 4-5 in the dAR Identifies Mountain - Woodfilter Pipeline Project has been added to Table 4-5.	Alic Tourid 2 - Düç Avg122014	
	2-Jun-14	4 Kellie Leedham, on Joshalf of MoE and MoH, Manager, Operations	Environment-			AF truthy should be listed as an endpoint, solid distumance, especially during construction, will endr caligue to end to construct solid hot the air. The proponent should quantify the mass of particulate matter emitted via clicurabance and wind-blown dust and the mass of any components in the contamination that may affect the environment. Wor	Site Contamination	No	Application Review,	WPP has committed to obtaining a COC from MOE prior to transferring the Viendifike proprotive to the Progenomic. In order to obtain a COC, the reprediction must demonstrate that contaminants are not continuing to discharge line sequel evinonmust and demonstrate built actising contaminate left in situ and remediated to rik-based standards will not have adverse effects an the environment or humon health.		
20	2-Jun-14	Leedham, on	Environment- Environmental Protection, Oli		Pg. 52	Table 5-4 - Proposed study parameters for site contamination parameters should also include contamination levels in aquatic blota. JF	Site Contamination	Yes '	Application Review	Section 5.7.3 has been amended as follows (changes in red): The Application will consider potential Project-related changes to the Site Contamination IC as described in Section 4.0 Environmental Assessment Methods. Information from this		
		Derations	& Gas/LNG Team			· ·				Enhancementaria Regularity Metadasa Ten Metadasa Tahi das Section XII be crass-reference do other ICs and VCs, as necosary: Section 53 Surface Water Quality Section 53 Surface Water Quality Section 51 Surfahre Vara Country Section 51 Surfahre Sentitic Holland Section 51 Surfahre Sentitic Holland Section 52 Public Health Ste contamination data WII be Included in a technicol report that will be provided in an appendix. The Proponent Is committed corparately and by statute and regulation (Environments) Management Acc, Canterinipated Sites Regulation) to the terms and conditions of the COC from MOE regarding Kurue sue, site activities, and on-going menitoring regularements.		

Date; May 27, 2014 File: Revision;

Comment ID#	azte Súbrutted 2-Jun-14	Submitter, armeand Sub-	Aponcy/ Artifiation Ministry of	Comment relevant to draft VC substion or dAIR?	Relevant sector and page our ber Pg. E4	Common / Isue Description/Suggester Chineses Tasie 5-5 – Proposed study parameters for surface water quality-	elisady/Theme	Change to the draft VC selection/dAl Ricequired? Yes	Application Review and/or Permitting Requirement? Application	Popularity Assems: Rose see the response to Comment #21 for water quality	SANE Nound 2 - Dire Anglalaota	
		Leedham, on behalf of Mož and MoH,	Environment- Environmental Protection, Oli & Gas/LNG Team			Other worker quality parameters (Redukting pt), 155, TGS, Lutsidify, disclaved copport, historicable, and the relative to the state of the state mole anisons and anisons, historical centralments) that may be affected by the Project and to be included to the assessment, as stubility is not the only parameter that could be affected by this development, (in- ges 51 - thore is perturbed and the discussion activities to affect (G and VCs, including water quality and firstimater of the and fish heakts1." Site appropriate parameters will require ceduation.) JF			Review	parameters related to site contamination. Table 5-7 has been updated to include the following advances: - Total suspended sadiment - Wake temperature Conductivity - Disployed oxygen - Nutrients		-
	<u> </u>				1.00						······	
	3 2-Jun-14	Leadham, on behalf of MoE and MoR,	Ministry of Environment- Environmental Protection, Oli & Gas/LNG Team	dair		froshwater fish and fish habitet - Water quality needs to be a VC (see	Water Quality, Froshwater Fish and Fish Habitat	Yes	Application Review	Section 5.8 [Surface Water Quality will present the water quality data awalible for the Project, except water quality parameters for contaminants of concern from previous site contamination, which will be precented in Section 5.7 [Site Contamination]. Section 5.15 will inserviewerse the water quality data presented in Section 5.8 [Surface Water Quality] as relevant. Section 5.15.2; has been updated to include the following text: Consideration of water quality data will be presented in Section 6.45.45 water Quality and aross referenced in Section 5.45 window Water Quality and aross referenced in this	· · · ·	
:										section. Water quality variables of temporatura, dissolved avyger, pH, and conductivity will be reviewed as part of fish habitat assessment (cer Table 5-14). Piesse see response to Commont #21 for water quality parameters related to site contamination.		
24	4 2-Jun-14	Kolle Leedham, an behalf of MoE and MoH, Manager, Operations	Ministry of Environmenta Environmental Protaction, Oli & Gas/LNG Team		Appendix A, pg. 2	Proposed VC is 5 follows: Whater Clubitly (surface and groundwater- water quality defined as water chemistry, benihile invertebrates etc.). () Surfas Water Coulity Hationale: Water offluent from the LNG facility; 8C regulatory Hationale: Water offluent from the LNG facility; 8C regulatory Hationale: Water offluent from the LNG facility water followitis am younger registration under Municipal Watestwater Regulation for sawage transment effluent Aropiset Effects: Change In water quality in Hows Sound or along the shipping routs (Darth Site Specific Water Quality Objectives have been developed in Hows Sound) -Aleasunake Farameters: Parameters of concorn (e.g. temperature, full water chemistry)	Water Quality (Surface and groundwater) -	Yes	Application Review Permitting Requirement (OGC)	The Application will present surface water quality as an ICas it is a conderstant for the assessment of receptor VCs, including freshwater fish and fish habitat. The following responses provide context for the consideration of the butter points (1) to (V): (1) Surface water quality: There will be no discharge to surface water augustry. There will be no discharge to surface water as a part of the Project. Process water, waste water and storm worker will be treated and discharge to the marine environment. Witk's understanding of the project. Surface water guarders and part of the View of the Project surface water will be treated and discharge to the marine environment. Witk's understanding of the pormiting process is that the GCC will issue the Waste Discharge Permits (including air emissions, effluent discharges, and refuse sispesit).	· · · · · · · · · · · · · · · · · · ·	
								<u> </u>	· ·	Objectives for Howe Sound. Would the MOE be able to provide the draft copy?		
						(II) 6 forourdwater Quality relationater Groundwater table (J: Elixaly shullow & could ultimately reach surface water: rapidly, -fraghet Effects: Onspel In groundwater quality affecting other water users (drinking water users?, frax, witalife) -Measurable Parameters: Parameters at concern - indicative of Industrial contaminants (e.g. hydrocoroans, EPH, BYEK, giycel, metale).				(II) Site centrainingtion data [Instanting groundwater] will be included in a totehical report that will be provided in an appendix. The Proponent is committed consortably and by datate and regulation (Environmental Management Act, Committed Sites Regulation) to the terms and consolities of the COC from MOC regularing future use, site estivities, and an- going mentioning requirements. WFP has committed to obtaining a COC from MOE prior to transforming the WoodBiere property to the Propenent. In order to obtain a COC the remodulation must demonstrate that contaminants are not continuing to discharge into accurit in situ and remedizate to six-based standard; will not have davorse effects on the environment or human height.		
											· · · · · · · · · · · · · · · · · · ·	

Commentipe	Oste Subr <mark>e</mark> lttes	Submitter name and dile	· · · · ·	selection or		Comment/Isue/Desr/ptio//S-zastyd Changes (19) Additionton Effect (potentia) effect f electric drive is not used)	Category/There	Change to the draft VC selection/dAl R required?	Application Review and/or Permitting Requirement?	Provinity Response. Nojand (v) Adalifación and eutrophication effects are not	4NR, Dound 2Dur Aug21,2014	
						(a) Automation in Endow (a) provide a product index of the other automation in the automation of th		:		(in and reported on and our opinion of the rece of the role of the		
25	2-Jun-14	Leedham, on	Ministry of Environments Environmental Protection, DII & Gas/LNG Team	vc	Appendix A, pg, 2	Surface water quality (reshwater & marine) should be VCs (rationate pravided in memo to the EAO). JF	Suiface Water Quality, Marine Water Quality	Yes	Application Review	WLNG genes that water usatily is a critical resource that files number of the attributes of a VC, "Intermediate companents (IGA) are components of a larger affects pathway for validad or more appropriate VC They generally meet the arterial source water appropriate VC They generally meet the arterial for a a technical information to inform the assessment of other VCS Tech IC settlen will present usaful to abulication as technical information to inform the assessment of other VCS Tech IC settlen will present usaful to abulication interactions with Project activities and future conditions with the Project. In addition to the comments below, please see changes to the wording in Section 3.7.3 as described in response to Comment #21.		· ·
										Surface water quality: Baseline information on surface water quality will be collected and presented in Socian 5.8, and parential in anago to water quality as a result of Project activities will be reviewed in relation to regulatory thresholds for VC noceptors, if the paternial lor a change is identified, the paternial for a real-quality for the session of the paternial for a real-quality thresholds for that receptor. Identified VC receptors for surface water quality include amphibians, freshwater figh and fish habitat, and public health.		
										There are no discharges to surface water. Standard best management practices for enclosed provention and collment control will be presented in the section and/or induced in the parket will be presented in the section and/or induced in the purket of an Em/commental Monitors and sampling for water usably parameters Staticitized with a citikite. It has may cause sedimentation, in addition, petendial occlutents and mailunctions that may affect strates water quality kill be addressed in Section 11 [Accidents and Malfunctions].		
	-							-		Marine watari guality: Baseline indermation are mainter water quality will be presented in Section 5.10, and potential banges to marine water quality as a result of Project Beitvilles will be evolved in robuston to the equalatory threadol for VC receptors. If the antential for a residual effect is identified, the potential indexial effect will be accessed in the section for the VC ecospor with the wateri quality thresholds for the company with the wateri quality thresholds for the treatment potential banges to marine water quality include changes to water chemistry and the thermal regime. Mitigation measures antigator enders will also be included in the CRMP for erosion prevention and softmant control. If there are unitigator endersed in Section 1.1 Accidents, and measures are sogilad, they will be included in the critevial environmental mangement juan. In addition, potential accidents and malignetions that may affect marine water quality will be obtained in 51 (Accidents and Matfunctions). Section 5.10, the application and 1.3 (Accidents and Matfunctions). Sections 5.10 of the Application and 1.5 (Accidents and analysis of the changes to marine water quality will be presented in the applicable VC sectors (e.g., Section 5.16 Marine Benhie Habita). Saction 5.10 of the Application will also include an analysis of the changes to marine water quality as a result of the Project.		

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and MoH, Manager, Operations	Ministry of dA Environment- Environmental Protection, Di & Gas/LNG Team	NR Pg. 25	Table 4-1 Ust of Valued Components and Technical Components -	Category/El:Outo Surface Water Quality, Marine Water Quality	Selection/dAl 9 recorded? Yes	Application Review and/or Purnitting Review Application Review	Posconn 11: Resonn Plase see response te Comment #25.	dAIR Anund 2- Dun Aug 11-2014
27 2-Jun-16 Kolle Loceflorm, on behalf of MoE and Mark, Manager, Operations	Ministry of dA	Pg. 53	Tit is anticipated that the Project will use an existing permitted watewater treatment system, which will be replaced during construction." A registration under the Municipal Wastewater Regulation may be necessary for sewage treatment effluent, if the current capacity increases by more than 10% of the wisking permitted facility. According to the nodex ideals, it appears that a waste discharge permit to release UKG process water and/or water discharge from condensite blow-down may also be necessary. Having baseline if scharge, will be critical factors for BL MS is conduct an assessment of the project information and subsequently support issuing a waste discharge, will be critical factors for BL MS is conduct an assessment of the project information and subsequently support issuing a waste discharge, will st	Sturface Water Quality	Yes	Requirement DGC	WLNG will obtain the required permits pending issuance of an SA certificate, Baseline Information on water quality will be presented in Section 5.8, Preliminary information and treated discharges will be presented as a component of the Project Description in Section 2.2.5. Piedes note that there will be ne discharges to fresh water. Piedes note that waste discharge permitting for the Project will be handled by OGC.	
28 2-Aur-14 Kollic Leadham On behaif of MoE and Areki, Manager, Operations	Ministry of d2 Environment- Environmental Protection, Olf & Gas/LNG Team	4R Pg, 34	Marine contaminant levels in the study area, also needs to be included, What field surveys are planned for this assosment? The NoR has currently drafted atte-specific water quality abjectives to protect and manage water quality in the News Sound watershold, in the future, these objectives would be applicable for this area. JF	Water Quality	Yas	Review	Water quality parameters for contaminants of conteam from previous site contamination will be prosented in Section 5,7 (Site Contamination), and If present, managed through the COC requiraments. Section 5.10,3 of the dAIR has been edited to Include the following text: If any changes to marine water quality are anticipated as a result of existing contamination and Project activities, these changes will be conserving-read in this section, .	
29 P-Maj-14 James Davks, Regional Nydrologis	MEURO- Vé South Coast - Authorizations	c Surface Quarrily, Tablo 2, p: 15	Several Water Licences are appultenant to DL 2351, the location of the proposal project. As a May 2, 2014, our water licencing system shows these water are licences are hold by Water in Forset Products fund, for Industrial (pulp mil) and Waterpower purpower. The December 2013 Woodfibm LNG Picket Description and an end explain that the water licencing system shows these water appliers that the water licencing of the second water rights, but it is not clear whether this water licencing of the current water licence. Western Porest Products Inc. are not listed in Table 10 as a Stakeholder In Section 9.3 of the December 2013 Project Description. It is noted that Western Porest Products Inc. are not listed in Table 10 as a Stakeholder In Section 9.3 of the December 2013 Project Description. It is noted that Western Porest Products Inc. are not listed any mater licence. Western Porest Products Inc. are not listed any active site licence. These types of amendments are initiated by the water licence, but the landowner. These amendments would need to be approved by the Decision Mater under the Water licences appurtenant to DL 2351 are not under unandment. There are current Water Rights on the project land. The existing water licences could be symmetric by a thange of works, a change of licences, or a change of purpets. If DL 2351 was subwilded, the water licence appurtenance to this land water amendment. There are current water Rights on the project land. The existing water licences could be used ~ If its amendment. There are current water Rights on the project and, and purpet licence, or a change of purpets. If DL 2351 was subwilded, the water licence appurtenance to this land water amendment. To make an assessment of available water vusus licenced demand on Woodfibre Carek and on Mill Creek, the present water rights and application of the streams meet to be confirmed, and any future transfor of appurenancy, apportionment, or amendments licentified. Vic, version 2.0, Apri 3.0, 2014	Quantity		Requirement	We understand that the oblige youty-flowed will be transformed from Wostern Forces Products you transfor of the apprictment late parces to WAG, WLMG will wold to the lifences a needed with CGC, as part of the permitting process.	

6	mment i DA		Submitter name and fille	Agency/ Affiliation	selection or dAIR?	hulla, un capale	Contrienty' tour Dekolption/Suggested Changes	Colegory/ Theme	Change to the draft-VC selection/dAl R required?	Review and/or Permitting Requirement?		dAIR Round 2- Dur Aug) 22014		
	30		Regional	MPL/NRO- South Ceast - Authorizations			to the land. Adis, page 55: The licences are to be transferred by the water licence to the propenent, and utilized during the construction and operation of the project. This is not complete information on the water licences as to determine the bredget anomemets. Additional Information would be recurded as the Decidion Maker for approving a change of works, a transfer of water rights. or a change of purpases, has to consider whother an existing water licence or applicant for a wator licence may be adversely affected, whon the Decidion Maker makes his adjudication on the proposed change or amonthment. I a water jupply intake was constructed on MII Drevik (dAIR, page 12), multi this affect a licence or an applicant? Would there be any shanges to the Honristic Lake or the Sylvis Lake tarege work? The application needs to explain the current water licences? The application needs to explain the current water licences?	Surface Wolter Quantity	Yes	Permitting Boucement OGC	All wator litences on Mill Creek and Woodffror Creek are helt by Western Forzer Products and appuremant to D. 1251. Accordingly, we anticipate that all water licences will be transferratio UMUG upon the transferred OL 2315. UMS will work with the DEC during the permitting phases to ensure all user licences are amended as required. Tota in dAR was revised for clarity: Edisting water licences for withstrawal of water and for power prodiction on Woodfilter Creek and Mill Se transferred will be transferred with the land. In addition, Section 2.7 [Applicable Permits] will list the permits that will be required for construction, operation and docommissioning of the Project.			
	31		Kellie Leedjam, of behalf of MoE and MoH, Manager, Operat/Pns	Environment-	dals	ዖ _ጀ , 55	dAIR, version 2.0, May 5, 2014 5.7.2 Existing Conditions — First sentones, there appears to be a typo surface water "quality" should be "quantity" JF	Surface Water Quantity			WUNG acknowledges this comment, and has corrected Section 5.9.2 (formerly 5.7.2). First paragraph (correction in red): This section will provide information on the oxising surface water clustly -quantity conditions, which will be characterized by the following:			
	32		Leedham, on bohalf of MoE and MoH,	Ministry of Environment- Environmental Protection, Oli & Gas/LNG Taem	vc		Proposed VC as follows: Water Quantity Returnals Project may have water licence requirements (need to define a licence for vater us under the Water Ack, How much water would be necessary for water cooline? What is the effect on the water chemistry & aquatic resources? Project Effects; Water use requirements from the facility may have an effect on other water users - demonster haveface (news) -Measurable Parometers: Hydrometric data - surface (news, groundwater levels & flow direction, JF	Water Quantity	Yes	Application Review and Permitting Requirement (OGC)	Water quantity is included as an (C as II is an intermediate conditionation for assessment of effects to receptor VCs such as inservice fish and fish habitat. Section 5.8.1.1 has been amended as follows: information related to surface water quantity, including an analysis of potential changes to surface water quantity. Will be included in the Application. A comparison between oxpected evolution water domain and estimated water guantity, will be included in the Application. A comparison between oxpected evolution water domain and estimated water guantity. Will be streamflow in MEI creak and Woodflipe Creak. Where applicable, VCs on the pathway of effect related to changes in surface water quantity will be summarized in Section 2.7 (Applicable Permits) and addressed with the ORG at the time of transfer of the and and apputenets water licences. All surke water licences on MIII Creek and Woodfline Creek bioing to WPP. It is not anticipated that groundwater quantities or flow directions would be impacted by Project water demands on a watershed scale.			
		26-May-14	Yota Hatziantoniou, Regional Environmental Assessment Coordinator	Health Canada	dAIR	(pg. 15) & dAIR: Table 5-	HC advises EAD that there appears to be a discropancy in the parameters listed for the "Marine Water Quality" intermediate component (IC) assanted in the VC document, versus the AdIA. It, profers that any organic and therganic contrantnants of potential concern be considered for this IC— expectally if there are any recreational and fishing uses near the project site.	Marine Water Qualify	Yes	Application Review	Table 5-9 in the dAIR has been updated to be more specific regarding the concentrations of biological and chemical contaminates of potendial concent associated with reacted process water, wastewater and stormwater discharges. Table 5-9 includes the following parameters uppended sediment, turbidity, temperature, total residual chorine, nutriens, metals, lydrocarbons, disolved oxygen, pit and condicutivity. Targeted dredging in the orea has already removed some of the legary contaminants from sodiments; however, results indicate remaining sediments in other parts of the Project area contain down and forum, which can be remolified in the water if sediments are disturbed. These contaminants will need to be included in the assessment and have been added to Table 5-9.			

Commention	Date Submitted	Submittur come and side		relevant to draft VC selection or dAlt?	Relevant section and page number	Comment/Insue/Description/Suggested Changes	Crite ony/Theme	Clurige to the draft VC selection/dAl R required?	Application Review and/or Permitting Regularments	Propagati	san Pourd 2- Der Aust12014	
34		Kallie Ledihara, on Jechsi of MoE and MoH, Managar, Operations	Ministry of Environmental Protection, Oll & Gaz/ING Team	dair	Pg. 57	Marine water quality needs to be a VC, particularly since the Project will have a surface discharge that will require an effluence the register will <i>Environmental Management Act</i> . In difficient to baseline water quality, a discription of the predicated effluence will be required. <u>Imagement Information Indusite for the Aquatic Environment.</u> <u>Assessment</u> <u>Assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u> <u>assessment</u>	Marino Water Quality	Yas		Martine water quality is an IC, as it is a consideration in the pathway for the assessment of recentor VCS. WLRG confirms that lifermation needs to be outlined in the commant (builtes jot og) will be induced in the EA Application; however, we note that the effects to senditive habitats and aquatic resources jot og) will be induced in the EA Application; however, we must be assessed in the relevant VC sections, supported by the Marine Water Quality KA, applicition, however, we are the section of the application will be provided to the OGC as needed for permitting place. The following text was added to Section 5.10.1 of the dAIR information related to marine water quality will be presented in this section of the Application and cross-relemes in the applicable VC sections (e.g., Section 5.10.3 of the dAIR the following text was added to Section 5.10.3 of the dAIR the following text was added to Section 5.10.3 of the dAIR the following text was added to Section 5.10.3 of the dAIR the following text was added to Section 5.10.3 of the dAIR the dAIR of the Application and cross-relement in the splicing statem, including methodology and revalue, will be presented in a technical report appended to the Application.		
35	28-May-14	Yata Hatafantoniou, Regional Environmantal Assessment Coordinator	Health Canada	VC dAIR	VC: Tabla 1 (gg. 10), Appendix A (gs. 1) 8 40AR: Table 4- 1 (gg. 26), Table 5-8 (gg. 60)	For the "Atmospheric Environment" VC, HC advisos EAD that the Preponent abe include H2S, acono, and metals (as opplicable) in the VC/AIR/Application documents, along with the ather critaria al- centominants (CACs) indicated. Otherwise, HC advisos that she not being considered in the ulr quality assessment (a.g., H2S, aconon etc.). It is HCS understanding that the Province of 8C has developed 'Interim' ARQAS for 1-in NO2 and 3-hr SOL (be to Briddar versides) at a large date), and that these are below the aurrent published abjectives for N2D and SDL* Hz augests that the Province of 8C has developed 'Interim' ARQAS for 1-in NO2 and 3-hr SOL (be to Briddar verside an analysis of predicted concentrations of NO2 and SO2 against beth the Interim BC abjectives and/exer NO2 and SO2 objectives being in effect during Prejott construction/spectration, and with the appectation that these lower objectives No14 be are not publicable. This advice is provided in anticisation of Soure NO2 and SO2 objectives being in effect during Prejott construction/spectration, and with the conpectation that these lower objectives of NO2 and SO2 objectives being in effect during Finally. If a suggests that 1 and With the compectation that these lower objectives and/exers in the analytic and with the suggest that and the solitariate, inducing any refrigerance, solvents or other process chemicals (and that's by-product) that may be vernet, combucied, or socialonally refeased in the analytic particular of and analytic and that by-product) that may be vernet, and enable, minderstanding of surrounding papulation exposure and petential irisk.	Atmospheric Environment (Air Quality)	YGG	Application Review and Permitting Recurrences GGC	The effects assessment will consider relowant emissions based on Project-specific engineering data on all contaisions. We are aware of the forthorming ND ₃ and SD ₃ BC are quality standards, but understand that they have not currently been released by the Mot. These eriteria will be conditioned within the effects assessment, if they are available within a time period that permits inclusion in the effects assessment. The solvential for hybrid amistance and emergency commission will be condidered within the effects assessment. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Section 5.2.3 of the dAIR. The following text has been added to Born the conceptual anded jub. the potnisit incerime BCS 20 and ND2 ambient all criteria will be considered in the offects assessment. However, we don't rearmed any change to the JAIR. Shote he southall new criteria under consideration have not been made available to the public yet.		
36	26-May-14	Yota Hatzlantonlou, Regional Environmental Assessment Coordinator	Health Canada	dAIR	Section S.9 (pg. 58) – general commont	As part of the "Atmospheric Environment" VC, HC sevices EAD that the Proponent assess an additional "thereforeny floring/back-up power generation" scenario. The surrent assessment stops for this VC di one capture this potential scenario – the results of which would help to characterize potential adverse effects to humans,	Atmospherie Environment (Air Quality)	yes	Application Roview	The following text has been udded to Section 5.23 of the dAla The Application will consider emissions to all from the LNG facility, including emergency sconsions undertaken for the Project operation phase, and associated shipping activities.	······································	
37	2-Jun-14	Leecham, on behalf of MoE and MoH, Manager, Operations	Ministry of Environment- Environmental Protection, Dil & Gas/LNG Team			If electric drive is not the selected emilialian technology, air emissions can potentially cause additication and eutrophication effects in the project area. Additional information would be required for the environmental accessment. Inducting a screening text assessment to determine whether a level a reliable load assessment or employing anddes is required as documented in the Draft Critical Loads Screening Chart (see attachment J. Additional VC would include freshwater takes, streams, soils and vegetation. JF		No		WANG confirms that the plant will use an electric drive. Onsite generators will be used for back-up power to run all emergency power and safety systems.		
38	2-Jun-74	Kimberiy Needham, Director of Planning and Development Services		dAIR VC	S.9.1, pg. SS Environment al Pillar, Section 7.5 Visual Quality (Appendix A)		Atmospheric Environment (Air Quality) and Visual Quality -	yos	Application Review	Where appropriate, the changes to the Atmospheric Environment (Air Quality) VC will be carried forward into the addisamment (Air Quality) VC will be carried forward into the addisamment of the septor VCs. Socilon 7.5.3 has been amended as follows: Where appropriate, the changes to the Atmospheric Environment (Air Quality) VC will be carried forward into the axessment of the Visual Quality VC (e.g., the potential for the Project's emissions to result in a degradation of the visual quality.	· · ·	
39	2-Jun-14	Kellie Leedham, en behalf of MoE and MoH, Manager, Operations	Environment-	dAIR	Pg. 31	Table 4-2 — Alr Quality should be listed as a VC in this table. JF	Atmaspheric Environment (Air Quality)	Yes -	Application Raview	The text in this table has been changed to read "Atmosphoric Environment (Air Quality)" and is a VC.		

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Comment ID# St		Submitter name and title	Allency/ Athliation		Relevant section and page number	Semment/ (six e Duscription/ Suggestics' Chintges	Category/Thome	selection/dAt	Application Review and/or Permitting Requirement?	Propunent's Response	SAM Reynd 2-Dae Aug3112014	
40	2-Jun-14	Leedham, on behall of MoE and MoH, Manager,	Ministry of Environmental Environmental Protection, Oli & Gas/LNG Team	dAIR	Pg. 33	Table 4-3 Regional study area boundaries. Atmospheric environment should explicitly include air quality as a VC. JF	Atmospheric Environment (Air Quality)	Yes	Application Review	The text in this table has been changed to read 'Atmospheric Environment (Air Quolity)' and is a VC.		
41	2-Jun-14	Lauro Guzman, Policy Analyst	Climate Action Secretariat	dAIR	Tables 4-1 List of Value Components and section 5.10.3	List of value components should specify all greenhouse gases included in the reporting regulations: CO2, CH4 , NO2, PFCs, HFCs, and SF6.	Greenhouse Gas Management	<u>уа</u> с		The assessment will consider all significant sources of GHG emissions. There are not exported to be any significant sources of PRCs, HECs, and SFE. Table S-2 in the GAIR has been updated to specify all constraints to windford to security and		
42	2-jun-14	Laura Giuzmon, Polley Analyst		dAIR	Section 5.10 and \$.10,3	GHG emissions must be colculated using the methodology described in the reporting regulations in the Greenhouss GSR Roductions Target Act (Lag and Trole). A well, any dedresstation, if any, that occurs as part the construction of the ficility, must be included and GHG emissions estimated according to guidelines provided by Ministry of Forestry, Lands and Natural Resources	Management	yes		preentives gases included in the reparting requisitions. GRICE encidence will be advanted walking commonly accounted methods. This will include quantification methods disorbid in the reporting requisitions in the Greenhouse Gas Reductions Target Act (Cap and Trade). Loss of exhon sink due to any deforestation will be quantified using the guidelines provided by MFLINCO. The following changes have been made to Section 5.3.3 (changes in red): In addition, the annual GHG emissions from the Project will be estimated for the Project operating regulations in Greenhouse Gas Reductions Target Act (Cap and Trate), and there commonly accepted methods where a methodology dos not provided in the resourcing regulations. Loss of carbon sink due to any deformation endowed where a methodology is not provided in the resourcing regulations. Loss of carbon sink servinded on the resourcing regulations, loss of the reduction provided in the resourcing regulations. Loss of the solution provided in the resourcing regulations, loss of the reductions contribution of the Project on a Canadan basis. Emissions during the construction and decommissioning phases will be contribution of the Project on a Canadan basis. Emissions		
43	2-Jun-14	4 Laura Guzman, Policy Analyst	, Climate Action Secretariat	dAIR	Section 5.10.3	This section must include the provision of a GHG Management plan Including mitigation measures for construction, operation and decommission phases of the project. currently this section decorribes characteristics of GHG assessment. but it bots not sendice the provision of a GHG anagement plan and mitigation measures	Greenhouse Gas Management	yes		GHG miligation and management measures will be included in the GHG/Climate Change offects assossment. Section 5.3.8 has been omended as follows: This section will include a summary of GHG miligation and management measures applicable to the construction, operation and decammissioning paises of the Project.		
44	30-May-14	Frank DeGagne, Lanc & Resource Specialist	FINR - Sea to Sky Natural Resource District	GAIR	5, 5,12, 5, 13	Vegetation Communities, Con forest health of surrounding forest types and ecosystems be monitored where they may be susceptible to nature gas verting or table industrial activities. Forest health should be monitored over long term to determine whether any change is detected. 5, 13 lists wildlife/vegetation as a proposed monitoring plan.	Vegetation I Communities	yes		The Project does not include venting natural gas. As such, monitoring of forest health specific to venting has not been considered. Section 5.11.4 has been amended as follows: In the event that the assessment identifies the potential for residual effects of the Project on local and regional vegetation ammunitia, deails of a long-term vegetation monitoring program will be included in the Wildlife and Vegetation Monitoring Plan (Section 13 Summary of Proposed Environmental and Operation Management Plans).		
45	2.Jun-1.	Scott Barratt, Manager Resource Stewardship	FLNRO - South Coast Region	YC	5.12 Avlfauna VC p.65	Project is within the suspected range for Narthern Goshawk (bing) sub spp); it is undfoar why it was not selected as a VCT	Avifauna		Application Review	Northern geshawk (Acopiter gentils Jaingi) was stassed for consideration as a VC and subsequently excluded as the species is not expected to earth, or be affocted by, Project development. There is no suitable gothawk habitat within the Project area and thore are no antibioted Project-related diffects as thore is no antibipated forest clearing within any suitable goshawk habitat. There are four proximal northern goshawk detections at MONB data are currently cantidence within the area of the Naveer, name a these bits have recent confirmed activity; all data are currently cantidence datasets. Dan recent habitat hab been mapped (CVS 2022) to provide species/accific has been mapped (CVS 2022) to provide species/accific habitat is 330km from the Project boundaries,		

Date: May 27, 2014 File: Revision:

Somment IDF	lute Hom (Kod 2-Jun-14	Submitter name and title Scott Sarreit,	Augusty Afrilation FLNRO - South	selection or l dAIRR	Rolevant section and pare combos 512 Aviloura	Gennen/ Issue Denotation/Surgested Chinass Poject is patentially within range for Northern Socted Dwi; it is	etwars//Jheme Avifauna	Change to the draft-VC selection/dAl trequired?	Application Review and/or Permissing Requirement? Application	Polozinsi N. Polozinsi Northern spatiad ovi (Järk accidentalis cavring) was assessed	cAHP Round 2:-Onin Avg10:2014
		Manager Resource Stewardship	Coast Region		VC 2.65	undiaar why it was not selected as a VC?			Review .	for emstudention as a VC and substancemby excluded as it's nor exercised to exact, or a to affected by, where development. The nearest proximal papetide owil detections are at: 1) Enchantment (revel (Capillon Watersheld; His) site was detocried as excluded to be antipated. 2) Shota Creak (Seymourl Watersheld; This) site was encreatly considered to be antipated. 2) Shota Creak (Seymourl Watersheld; This) site was encluded as a second or the antipated. 2) Shota Creak (Seymourl Watersheld; This) site was encluded by the second or the association of the special beaution of the second or 1 familia WHA), approval in March 2013, The WHA is intended to provide future necessary fabilitat for special owils, however, the special's provail in March 2013, The WHA is intended to provide future necessary fabilitat for special owils, however, the special's provail in March 2013, The WHA is intended that associate second and special marks and there have nearch bean any recorded special owils (however, this special is regionally considered and states and marks within this associate by a provide in Marchae (WHA) solid to developed by J shotas and natural Resource Operations (MKINRO) for apoted owir recovery isolating and there is little/no antispecto forecas Leading within any suitable forecas holidat during Project construction and/or operation.	
	2-Jun-14	Scatt Barrett, Manager Resource Stewardship	FLNRO - South Ceast Rogion	vc	5.12 Avlfauna VC p.65	Project is within range for Groot Blue Heron; it is unclear why it was not solected as a VC?	Avidauna		Application Review	Great blue heren (Arden herpdiss) was assessed in consideration as a VC and subsequently excluded as its habits is not expected to be affected by replicit development. 1) Notify habitst value: There are no confirmed heren rockeries documented in the provindal (non-sensitive) Conservation Data Center database: patential substantiate) 13 foraging habitat value: Subting incomella replicat area. 21 foraging habitat value: Subting incomella replicat area. 21 foraging habitat value: Subting incomella replicat habitat bas been altered by profusio during Project construction of curter database and under Project area. 20 for the heren will be assessed within the Marine Birds VC for patiential effects associated with shipping and other non- habitat effects.	
48	2-jen-1-	Leedham, on behalf of MoE and MoH, Manager, Operations	Environment-	ve		Dreging, Activities – Will material need to be dredged and removed for the project? Dredging activities activit mesult in changes in historical contaminants in morine country foods (i.e. dioxin/furan concentrations), up		Yes	Application Roview	The Glowing text has been added to Section 5.7.1: It is not currently antighted that dradging will be required for the project. Tidecalled dosign reveals that dredging will be required. This Information will be included in the Application. The site is currently undergoing remediation, holiuding dredging in selected areas, and a cellificate of compliance (COC) will be obtained prior to WING acquiring the site. WING will be required to earnply with all of the conditions and monitoring requirements of the COC.	
49	2-Jun-1-	Leedham, an behalf of MoE and MoH,	Ministry of Environment- Environmental Protection, Oil & Gas/LNG Toam	eair	Pg. 30	Marinic corritor includes the shipping roke plus 1 km buffer either side, from Project erst brough Hwos Yound. The assactment and should Include the full, within of the markee corrifor through Hows Sound, antituitinfy for marking encute Greect, the around the shipping route is not enough for marking manufactures.		Yes	Application - Review	The marke corridor was defined for purposes of clarity in the description. For the acetsment areas. The assessment areas (LAA and RAA) ware described for each VC, and, depending on the VC, may include the marke corridor or a larger area such as Howe Sound.	-
50	2-Jun-1	Leedham, on behalf of MoE and MoH, Manager, Operations	Environment-	dAIR	P ₆ , 33	Table 4-3 — Marine Habitat carridor should include all of Howe Sound, not only 1km around the dilpping route. JF		Yes	Application Review	The identified potential interactions between marine benchic habitat and the project are related to the Project's aboreline studiuties and potential loss of habital in the Project stop, thus the RAA includes the Project area. Interactions with Project shipping activities in the marine corrider are not anticipated, The RAA has been revised to include how o Sound as well as the marine corridor.	
51	2-Jun-1	Leedham, on	Ministry of Environment- Environmental Protection, OH & Gos/LNG Team		P <u>g</u> , 91	The RAA for the Marine Mammals assusment is the area in which the project affacts water quality and would be too localized for a regional assessment. The RAA should have the full, width of the marine corridor through Howe Sound, JF	Marine Mammals	Yes	Application Raview	The LAA for Marine Mammals has been revised to include the Project area and the marine corrifor, and the RAA has been revised to include Haws Sound.	

D Comment ID#	to bmitted	Submitter nome and title	Asuncy/ Affiliation	sulection or dAIR?	balle unuppeu	Comment/ Issue Disordiation/ Suggested Changes	Category/Thome	Cumpe to the draft VC selection/dAl R teculord?	NUMPER DESIGNATION OF THE PARTY	Yopanent's Reporte	Ann Round 2 - Due Aug 12004	
52	2-Jun-14	Leodham, on behplf of MoE and MoH, Monager,	Ministry of Environment- Environmental Protection, Oli & Gas/LNG Team	dair VC	VC-Appendix	Table 4-2 — Marine Benthi Habitak VC needs to Inclutor marine (ssue) concentrations. New will the engled calvilies affect and no country feads? This component seems to be mitcling from the public health acculor as well. JP	Marine Benthic Habitat (and Public Health)	¥ 0 5		Crain biscure have been collected in 2014 to support the public health assessment, huxedis work ont valiable adjustent to the site. Markine fach tiscue samples have also been collected as part of the studies to support a COC. Markine tiscue concentrations will be addressed within the Audine tiscue concentrations will be addressed within the Markine Maximum Concentrations will be addressed within the Markine Mar		
										Where applicable, VCs an the pathway of effect related to changes in marine benthe (e.g., forage fish and other fish (marine), public health) will cross-reference this section.		
53	2-Jun-14	Russell Indurye, Fire Chief	Squamish Fire Rescue	vc	Labour Market 5.2 P,96	New employment might carate iscal islow: shortages that could result in wage infinito, fronting up costs for local businesses, expected by three are other projects that are underway at the same time and may be compacting for the same labour (cumulative effects). If the demand for libour excess the validable local supply, the importation of workers might place additional demands on community infrastructure and sarvices and could facte the overall articular of isolation Theore should be an analysis dane on mitigation measures to combat theses labour shortages and to identify those industries at risk.		Yes	Application Review	WUNG confirms that potential effects of the Project on the local labour market will be ascessed. Section 6.2.3 of the dAR has been revised as follows (changes in reg): The assessment will identify and evaluate potential adverse and beenfolds (fects on the labour market during the construction, operation, and decommissioning shases, including labour shortages and devalification of these industries most of risk. Potential effects that will be assessed includes.		*******
. 54	2-Jun-14	Russell Inouve, Fire Chief	Squamish Fire Rescue	vc		Additional wages can create negative offects if incremental wages are inappropriately spent. An analysis of how social service agencies and other community support groups will be engaged to mitigate increased disposable incomes.	tabour Market	Yes	Application Review	Section 6.2.3 of the dAIR has been revised as follows (changes In red): Where adverse effect associated with changes in the labour market are identified, mitigation measures will be specified.		
55	30-May-14		Sunshine Coast Regional District	đaje.		c) Sustainable Economy Values Components (VC): (1) There may be impactly benefits for SGRD, Town of Gilbsons and Islands Trust zeros. Thus the drin Alk 2 hould make reference to SCRD and blands Trust. Reference is made to the Islaws Saund area being the regional area for the anarine portion under the economy heading. This should be amended to refer to the SCRD, Stands Trust (Gambler Island Leepl Trust speakfieldly) and Town of Gibbons!	Sustainable Boonomy		Application Review	The LAK for the Labour Market and Regional Economic Development VC: Indivers Squarkok, Recort Municipality of Whitten's squarkish First Nation communities and Metra Vancouver, as they are the focat areas that will be down upon for labour and goods and sonicos for records of proximity and access to the Project site. Samblar Labard, Pert Medion and Gilbsons are considered within the context of "New Sound" for marine commercial usa, Regional Effects to marine commercial use are not foreseen for the rest of the Sauchle Coast. The RAA references all of British Columbia, as other communities within a regional context will cited in the RAA baseline.	·	
56			Coast Regional District	dAIR.		(II) Commercial marine use is a significant sub-component and impacts on SCRD area (speel) references a Hildle Inductable rate). Gambie Island Local Trust and the Town of Gibsons as areas that should also be noted for consideration/study;				The assessment of potential Project effects on the Commondal Marine Use VC is focused on water-based settivities, including docking. The RAA references all of Hawa Saund, as other communities within a regional context will be cited in the RAA baseline.		
57	30-Маү-1-	4 SCRD (David Rofael, Senior Planner}	Sunshine Coast Rogiona District	dAIR		(III) There may be scope for other locations to provide workforce and other ports/docks could be used for workfor/material transport. The draft AIR should include reference to considering/reviewing additional locations;	Sustainable Economy			The LAA for the Labour Market and Regional Economic Development VCs in the dAR has been amended to include Electoral D of the Squamish Ullocet Regional District.		
58	2-Jun-1	4 Russell Inouiye, Fire Chief	Squamish Fire Rescue	VC ·	6.3 Sustainable Economy P.98	Municipal generations be faced with costs to accommoster any incoming oposition associated with the Project or upgrade any public infrastructure that may be affected by project-related activities, An analysis regarding the municipal resource expenditures rolative to actimate taxes levied on the site need to be developed.				WUNG confirms that pationful effects of the Project on local government revenues and appenditures (beth from direct Project use and use by Project employees) will be assessed,		
59		4 Kimberiy Needham, Director of Planning and Development Sorvices	Squamish- Lilooet Regional District	dAIR VC	104 (Social and Economic Pillars, Appendix A}	Spatial Boundaries—The Nawe Sound and other local, <u>uningersonater</u> communities should be inducided LAA of the Economic and Social Effect (25 not simply SIRD), communities like: Parteau Gore, Furry Creek, Britannia Baach, Upper Squamish Valley, Paradise Valley, Black Tuck an Pineridge Estates.	a and Social Effocts	Yes	Application Review	The LAA for the Labour Market and Regional Economic Development VCs in the AIM will be amended to include Electranit of the Squarahit Liboux Regional District. This will result in the Inclusion of certain unincorporated communities, such as Furry Creek, in the LAA.		
50	2-Jun-1	4 Kimberly Needham, Director of Planning and Development Services	Squamish- Lillooet Regional District	dAir	Pg. 105	LAA and RAA should include operational implications for SIRO emergency services should there be an incident impacting the Howe Sound (during operation, especially throughout the shipping corridor).	Social Effects (Emorgency Servicos)	Yas	Application Review	Section 7.2.3 of the dAlk has been updated to include the following scar. The assessment of the potential effects of the Project on the benegatory Services sub-component will take Into account the service areas of local and regional entergency service providers.		

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Comment	Dete Submitted	Submitter	Alency/	Comment relevant to draft VC selection or dAIR?	Relevant section and page number	Competit/Hun bestation/Searched Changes	Calegory/Theme	Change to the draft VC selection/dAl R required?	Application Review and/or Permitting Regularment2	Proponents Response	6AN Round 2-2 Per Aug 13-2014	
6	2-lun	Fire Chief) Squamish Fire Rescue	GAIR		Emergency Services - Seuramine Pire Rescue is a Combination Pire Department that - Tells Insally on a Volumitor Green. The current spenaring model has the Department opporting with 5 Cyneer (Pire Spheres and two Colf Officer Monadory Howays Privacy From 05:30 – 13:20 hm. During these operating hours are coversal by volumeers who respond from home to the fire hall and them to the inflation and the hybrid operating hours are covered by volumeers who respond from home to the fire hall and them to the findem once they have assembled a fire error consisting of a minimum of 4 trained members. Spanniah fire Rescuer's resonance capabilities and limited to structural Beneficial and assistance and highway reacts. The Operation that servi- limited Technical Incidents at the avarences level tharadous Material Incidents at the waverness level. The location of the Vivooffbre UK3 site is problematic in responding requipment and pointed. Source have reaction that servi- provide consulting services and inspection pervices to the former mill apertation, system should be of the highest standard and exceed the minimum standard given the location. I would suggest that an organoment for services be deviced and funding for sonices of received standard and exceed the minimum standard given the location. I would suggest that an operating source lay fire service lowes and funding for sonices of received starting at the construction or size occurany stage.	Infrastructure and Cammunity Services			Thank you for the Information on Squamith Pice Rescue. WUNG will cancer Project-popolite energy sorkinos during construction and operation, and additional Pice Technology experime facilities and baining will be included in the EAC application, the CEMP and emergency response plans. The supporting Informative for energency removes plans, the supporting Informative requirements, will be addressed pitor to the start of construction. The Project will be addressed pitor to the start of construction. The Project will be addressed pitor to the start of construction. The Project will be addressed pitor to when start and emergency magnetic during generations. WUNG has met with the Squamish Pire Rescue to discuss their concerns, and will continue angoing dialogue as required.		
		-14 Russell Inouya Fire Chief	Rescue			What is the on-site entergency services that Woodflare LNG looking for. Please be specific?	Community Services		Permitting Requirement Local government	The Project will be self-sufficient in terms of emergency response during aparations. WLNG has met with the Squamish Fire Rescue to discuss their concerns, and will continue ongoing dialogue as recuired.		
6	3 2-Jun	-14 Russell Inouya Fire Chiaf	a, Squamish Fire Rescue			Squanish Fire Rousse currently Goos not offer any Marine based emergency services including ship board firelighting services,	Infrastructure and Community Services		Permitting Regulternent Local government	WUNG Schnowledges this information provided by the Squamish Fire Roscue. The Project will be solf-willfulnt in terms of amorgency response during operations. WUNG has met with the Squamish Are Ressue to discuss their concerns, and will continue angoing dialogue as required.		
	4 2-Jun	-14 Russoli inouye Fira Chlaf	, Squamish Hire Rescue	vc	7.2 Infrastructur e and Community Services P.104	The increase in Indra trutur uses will create transpect in canacity utilization and assimilar casts while decreasing the owned availability of access, An analysis of militariton methods to lessen the Impact on Infrastructure should be undertaken.	Infrastructura and Community Sarvices		Application Review	WING confirms that there wish is an accessment of potencial "police offeres an the inforstructure and Community Sorvices VC. If Project-associated effects are identified in these areas, than the Project mitigation measures will be induced in the EA application. Section 7.2.3 has been amended as followifs it negative related affects are beintified in for the Regional and Community infrastructure and Services VC. a description of proposed mitigation measures to reduce such negative impacts will be induced in the Application.		
6	30-Moy-14	Pulla DouceRo, Sonfor Environment: Officer	(Yonsport Canada (YC) 1	VC	and 26, dAIR:	TC is in agreement that Marine Transportation stouds be included as 3 Valued Cangeneement. TC recommends the following "Potential Advorse Valued Cangeneement. TC recommends the following "Potential Advorse project to marine navigation: 1. Interference with marine landres. 2. Interference with marine landres. 3. Interference with marine landres. 3. Interference with marine aborgignal use. 4. Interference with marine aborgignal use. 1. Propertion of navigable channel affacted by construction and generation of marine terminal, including taffety zones. 9. Number and types of marine vessels as a result of the proposed project; Location of fishingts including taffety zones. 9. Number and types of marine vessels as a result of the proposed project; Location of fishingts including taffety zones. 9. Marine receives alphable channel (Le, gaor used in Cherles, values overlapping with proposed Project and marine scess routes overlapping with proposed Project and marine access routes		yes -	Application Review	The Monine Transpert VC issessment of potential effects in the SeC Application will sover the linear nequested including: 1. Interforence with marine envigation 2. Interforence with marine insertions (imited to DFO day catch data) 3. Interforence with marine increasing and tourism (tourism also coursed in the LRU Chapter) 4. Aboriginal marine use will be addressed in Part C Aboriginal Groups Information and Reculements. The parameters listed will also be used in the effects assessment with noted acceptions: 2. Included as an inflators. 2. Included as an inflators rearrange of large stoped as a will be used instead of volume of landing of largest species as this is more applicable to marine transportation. Dots on Ruberts 9. Included as an evideor frequency 5 limited. 4. Marine aborginal we will be addressed in Part C Aboriginal Groups routs will be a middle to the Project and marine sceed, 4. Marine aborginal we of volume of species potents will be addressed on the anticent of Project and marine access routs will be addressed in Part C Aboriginal Groups Information and requirements.	TC-okay	

Cerrimenti	Date 9 Submitted	Submitter	Agency/	Communt relevant to draft VC selection or dAIR7	Relevant section and page number	Semment Juan Developer Stratistical Strategy		Currge to the draft VC selection/dAi 8 required?	Application Review and/or Permitting Requirement?	Provide 15 Street	4/m four: 2-De://ug112014	
	66 30-May-1	Paula Doucette, Senior Environmental Officer	Transport. Conada	ØAIR	133	There are three main components to non-particular under the NAA region Commords (including failing), exercisional, and Abarginal for intalitanal purposes. Commercial and Recrustional non/gation appear to be addressed in casio 7-24 regreetowey. However, more is no clear heading for Abarginal uses for nongation. This information is required in order to meet the requirements of the NAA and to ensure that TCS Duty to Consult, white negrees to nongation. This information is required by to consult, white negrees to nongation. The none. This provided their preferences for Table 7-2 in the comment above however if these are not indered, TC would recommend the proposent specify whother any traditional or surrent Aborginol uses of the water body for navigation are identified or not and if so, to describe them.	Marine Transport	Yes		The following text has been added to Section 17,0 of the dAIK. The baseline conditions of VG assessed in Fart 8 and assessated with the exercise of Asorginal interests, inducing an assessment of marine Asorginal use, activities, dectinations and access retures overlapping with the Project and marine access routes.	TC - okoy	-
	б? <u>30-ма</u> р-14	Paula Doucette, Sarior Environmental Officer	Transport Canada	eAir	7.3.2	For the list paragraph of this section where baceline or mixing and litens at discussely. To offers the following recommendations in terms of information to be collected and used to determine project affects. Identification of volumes, types and capacity of marine traffic in the area and inputeds on such (in Potential Impacts Section), a Sathward's tweives of the mathematic acces, invigational channels and any softment disposal sites, - Apphage and the socies, and spaced with grades determine - Capatital and molectaneous dredging work, specifying the nature and withme of selement, dredging methods (type of dredge, duration, frequency, etc.), surface area of the areas to be dredged, softment disputered and aquety providers, and softment disposal area (if necessary), and navigation activities in Candelan waters (number and frequency of trins). - Balast water management - Describe low and for how long information having then areas. Concerleg, relating, commercial navigational usages including movement pattorns of fishing vessols.	Marine Transport	No. This Information documt need to go into the dalki, just for the propenent during baseline information collection.	Application Review	Acknowledged, The (G) lowing items will be included in the marker transport chapter: - Identify volumes, types of marine traffic in the area and impacts on such - Describe how and for how long information was callected and from what sucres in relation to current and traditional margingtion uses. - Describe any recruitation at uses of natural waters (Ru, summing, canoeling, flahing). - Describe any recruitation at uses of natural waters (Ru, summing, canoeling, flahing). - Describe any recruitation at uses (Inovernet) at terrar will be inhete existing cammerical navigational useges including movement satures of fahing vessels (movement patterns will be inhete to general indication of use areas) - Provide information on current. Kandre and/or solential usage of all waterways and water baddies that will be directly where available (historic uses will be addrected in Parc Aberiginal Groups information and Requirements). - Provide information including syste, size and frequency on all types of navigation using areas in the vicinity of marine routes.	Τς - ολόγ	
					-	Provide profermation on surrent, historic and/or priorital usage of all matchings and volar isodice that will be directly related by the project including arrent Aborginal scale, where wallship, the and frequency and the state of the oral types. It is an inclusion and provide the state of the oral types of the state militation of the physical works associated with the construction and eparation of the physical works associated with this project.				Identify and dapade mitigation for vessel ¥3/ft; Bidely Impatials by the construction and operation of the Project works. United to general mitigation. Navigational risk mitigation will be addressed in the Navigational Risk Assessment. The following terms foll actistics of the scope of the Marine Transportation chaptor that may be included in the Navigational Risk Assessment, (TER/MPOL) - Information on the capacity of navigational channels - Babrymarir, survey data - Navigational risk mitigation		
	68 30-May-1	d Paula Ooucatto, Senior Environmental Officer	Transport Canada	dAIR	a 130	The dAIR references "Control Zonce", a, Place specify under which Act or Regulation the Proponent Intends, to make application for this proceed cane, in the Marine Transportution Section of the dAIR. b, Places specify how the proponent Intends to manage this zone (barriers, pueve, act.), What will the construction /operation zone look title? (how for appoints) the construction /operation zone look title? (how for appoints) the construction /operation zone look title? (how for appoints) the construction /operation zone look title? (how for along the forestoner's quarker's will itgo). 1. This information is negulated to ensure that there is no contravention of the havingstation.	Mofine Transport	No	Application Review and OGC Pormitting	Additional Information regarding the control zone will be included in Section 2.3.7 (Project Activities) of the Application. (3) The control zone will be established and mainstened round the facility as required by the LVG Facility Regulation. (1) The requirements for managing the control zone are currently being avaluated and additional Information will be provided in the Application. At this time, VLNG foretaces using a combination of markors and patrol vassels. The following statements has been added to Section 2.2.7.2 of the GAN (charges) in rest): • Establement of a control zone areaund the facility to manage activity adjaces in rest): • Establement of a control zone areaund the facility to manage activity adjaces in rest): • Establement of a control zone areaund the facility and ESO. The Application will instude a description of the control zone, and methods of control zones around ING facility and ESO. The Application will instude a description of the control zone, and methods of control zone around methods.		

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comment ID#	Date Submitted	Submitter none and sitie	Affillation	Comment relevant to draft VC selection or dAIR?	pagenumber	Comment/ Issue Description/ Suggested Grienges	Chiespey/ Theme	R rocu red?	Review and/or Permitting Negutrement?	Proponent's Relponse	EAR Round 2- Day Augus 2013
	30-May-14	Daucette, Senior Environmental Officer	Transport Canada	dAiR :	7.3.1	In the First buildt the following text in red should be added to better capture the Interferences to navgetion Maivgible watersslong the shipping route and within the project sees. The last part should be jaded to reflect the marin traffle within the project activity zone. Another buildt should be added to this first group of builets recognizing aboriginal marine use.	Marine Transport	Yes	Application Review	Text in the revised Section 7.3 has been adlited to include a reference to the Project trea is well as to the mainful corridor (note the mainfe component of Project area is part of the marine corridor). Section 7.3.1.1 Spatial boundaries has been edited as follows (edit in red): LAA: The marine period of the Project area plus a 500m wide area indusive of the marine inferiorization and control zonos. Abbright marine use will be addressed in Section 17 of the EAC Application.	TC- oksy
70	30-May-14	Paula Doucatta, Seniar Environmental Officor	Transgort Canada	dAIR	130, Section 7,3.1	TC recommends adding the following rid toxt to this are paragraph to capture aberiginal impactor. Three may be an interaction between Commercial, recreational, aberiginal, fisherics	Morine Transport	Yes	Application Roview	The following text has been added to Section 17.0 of the dAIR (in red): = The baceline conditions of VCs assessed in Part B and = The baceline conditions of VCs assessed in Part B and = Sections of the section of the section of the section of the section of the section of the section of the section of the section and access routes overlapping with the Project and marine access routes	TC - okay
71	30-May-14	Paula Doucette, Senior Environmental Officer	Transport Canada	dAIR		The Project may result is both direct and indirect offsets on marine mysigation however the dAR has any included direct effects. Indirect effects on navigation (as a result of a change to the environment through project activities) are not included and should be.	Marine Transport	Yes	Appilcation Review	The Glowing text has been added to Section 7.3.3 of the GMR The Application Will describe the specific approach and methods used to determine direct and indirect Project-related effects on marine transportation, including criteria for characterizing potential Project-related effects.	TC - okay
72	30-May-14	Paula Doucette, Senfor	Transport Canado	dAIR	130	The opplication should expand upon the rationals for the spatial boundaries and a statement stating such should be included in the dAIR.	Marine Transport	Yes	Application Review	Acknowledged. As stated in Section 4.3 Environmental Assessment Methods, the Application will describe the rationale for establishing spatial boundaries.	TC-akay
73	30-May-14	Doucette, Senior	Transport Canada	dAIR	132, Section 7.3.3	Check duplication of sentences in 1st, 2nd and 3rd paragraphs.	Marine Transport	Yes	N/A	WLNG appreciates the edit. Section 7.3.3 - The 3rd paragraph has been deleted to remove duplication,	Ϋ́C - οκογ
74	30-May-14	Paula Deucette, Senfor Ervitroimontal Officer	Transport Canada	dAIR	Transportatio	TC recommends that the following statement regarding TESMOOL should be added to the dAR/Apactation, if argurgraving the from the proponent's perspective. "A Tempol review is a technical analysis dissigned to assess the risks to margination and walks addry associated with chapping and margination. The report issued by the Tempol Review Committee at the end of the review examines the marine transportation persition. The separatise gives riment desartments, acconcision and the processor of the casting marine regulatory regime. The appraisal gives federal government desartments, acconcers, or priorities rulated to the project's marine transportation components. Akhough the CEA/SC EAO do not require the Environmental Impact Statement/Application to Include a discussion about TERMPOL, there are aspects of the discussions and studies carried out for the purposes of the valutary TERMFOL process that may eventue with those topics that would atto likely occur for the purposes of the environmental matters that are evened as part of the TERMPOL process. Will not be required for the EA. As It is efficient and practical to do so the two processes may inform each other.		Yos		WIMS appreciates the statement that TC has written on the TERMPOL process. The text for marine transport 1, 116 has been edited as shown in red. "The Application will include a description of togliation, gMPs, and guidance downers that are relevant to the monargement of the Marine Transport VC and reference the participation in TERMPOL where opplicable".	TC- okay
73	30-May-14	SCRD (Davis Rafae), Senior Planner)	Sunshine Coast Rogiona District	dAIR		d) Marine Transport Valued Components: The marine transport component notes the marine transport route. These are shared by vessels (sommorcial and rozensitional) that access the SCR0, Gambier Island Local Trust and Town of Gloson, Thus the draft AR should specifically refer to considering, gathering information about and identifying potential impacts on these a route. A with the Sustainable Schoomy VG, reference is made to Howe Sound area and this section axial specifically reference the SCRD, Gambier Island Local Tust and Town of Glosons areas;	Marine Transport			WLNG acknowledges this comment, however, the definition of spatial boundaries for the assessment will not be amended, As totel in Section 4.3.1 (Environmental Assessment Methods - Spatial Boundaries) : The Application will describe the spatial boundaries that environmental, economic, such), haritage and health effects of the Project. Boundaries have been chosen to ensampsas cause- and-offect relationships.	
76	30-May-1-		Sunshine Coast Regiona District	dAIR		c) Full range of potential impact of worke from Equid Natural Gas (LNG) tankers on shoreline should be investigated in addition to potential heritogo/archaeology impacts;	Marine Transport		-	LNG carriers from the Project will transit in accordance with the Canada Shipping Act (2001) and by-laws established by Transport Canada and the PPA. Similar to other large vessels, the UNG carriers will be required to comply with speed limits.	-

Date: May 27, 2014 Filo: Royision:

Somment ligh	Date Submitted	Submitter partie and sittle	Agency/ Affiliation	Comment relevant to draft VC selection or dAIR?	Relavant section and page number	Connect/ Issue Pescription/Segretard Connes	Cutegory/Theme	SEICEL ON OA	Requirement?	Proponents Response	SAN Round 3-Dire August 2011	
	22-MDY-1	Molissa Smith, Land Officer		LIFE IN	Comment	As per trand Polley – a Security is required and is held by the Cown at an amount that is commensure twith the level of neish of the activity to the Crawn. A four-step Ritk Assossment Procedure is sonilable to determine this cost (see appendix A of Yerure & Aministration Land Procedure – available online). Part of the procedure requires understanding the presence of hazardous materials and sontaminants. A follows, pion to transfer of the two text in the sea of pion to Issues of any other new Terures agreement, the client(a) must conduct a Contaminated as Assossment to that the oxidal pitation and any advertised with the water lots are leaving intaria and activity in the applicant, Woodflare LNG.			Roview and	Inte current United for an a first set of the lond to WLNG. The conditions and monitoring requirements of the COC will be assumed by WLNG.		
75		4 Mailson Smith, Land Officer		dAIR		The Lands Section is only reviewing Grown Land Autoritation requirements on unneurphered Grown Land associated with the proposed water lots. If unencumbered Grown Land is part of the upland portion of the Woodfilling LNG application — please resubmit a request for review to the Lands Section that specifies these upland locations.	Land and Resource Use	no	No -	A small portion of upland Crown land is now anticipated to be required for the Project. The updated Project area in the revised AAIR reflects this requirement. WLNG will apply for Crown land tenure as part of the OGC permitting process.	· ·	
75		4 Malises Smith, Land Officer		vc	Rosource Use		Land and Resource	ne	Permitting Requirement DGC	WING Sectifivilegies that there is an existing invasigative lenner, as part of the Oil and Gis Commission (GC) permitting process, WING will work with the OGC to ensure that the Project is compatible with all existing Crown Land tanures.		
	D 22-May-1	4 Maîlsee Smith, Land Officer	FLNR	vc	Land and Resource Use	The proposal overlaps with a Settion 15 Land Act order in Council Reservo. This may nearve to hold for the specific purpose of a public ferry Terminal. No Land Act activity is permitted to overlap a Section 15 Reserve. Therefore, Woodfibre LNG and the OGC have two patential options to move forWard: 1. Section has Section 15 Reserve area from Tenure Application area 2. Cancel the obtaining Section 15 Reserve – a process with chain only take plote by either: 3. Amend mg the Section 15 Reserve – Obtainet: Lieutenant Governor In Council decision 3. Amend mg the Section 15 Reserve – Obtainet: Lieutenant Governor In Council decision 5. Apply for a new Order in Council that requests to cancel the existing Section 15 Reserve – application goes to Cabinet: Lieutenant Governor In Council decision Note: only federal and provincial agencies / ministries can initiate a Reserve and / or the cancellation thereof.	Land and Resource Use	Maybe	Permitting Requirement	WLNG acknowledges this comment, and is currently examining the bast approach to pursue option 2.		
8	1 22-May-:	4 Molissa Smith Land Officer	FLINR	vc	Land and Resource Use	The proposed projects are located along the foreshore and may frent private upland property. Based on litital invelves, the voland enviror is the Applicant. As such there are no and/based conflicts that would infringe on the upland environs plantarin rights. If however, the upland owner is not the applicant - conserve must be graned by the appropriate upland owner in arder to tenure the foreshore.	Land and Resource Use	no	No	FUNRO is apprect that the upland owner will be WINS.		

Date: May 27, 2014
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82	26-May-14	Yeta Hatziantoniau, Regional Environmental Assessmont Coordinator	Health Canada	dAIR	(pp, 133-144)	Education of the second se		yes	Application Review	WLNG confirms that any available Traditional Iand USo studies will be oreox-referenced as appropriate, as indicated in Section 7.4.1. The Application will include a description of legislation, guidelines, BMP9, and publicance documents that are relovant to the management of the land and Resource Usin VC. If valiable, the Application will also describe how TX (traditional knowledge) and TU traditional using information, as obtained through consultation with Aborightal groups and other sources were used in the assessment.	<u></u>	
83	30-May-14	DeGagne, Land & Resource	FLNR - Sea to Sky Natural Resource District	CAIR		Forestry Activilies – note that the proposed development area is within the Lower Squamish Landscape Unit, not the Newa Landscape Unit. "	Land and Resource Use	ÀCZ		WLNG acknowledges this change and has amended Table 4-5 as follows (changes in red): The Lower South Landscape Unit (Sea-to-Sty Land and Resource Management Plan) contains several forms of forest tenures includings woodlots and forest and timber Reances.	-	
84	30-Мау-14	Frank DeGagne, Land & Rosourco Specialist	FLNR - Sea to Sky Natural Resource District	dAIR	7.4.3	Consider the potential initigation for outdoor recreation impacted activities, may include: a) allowances for public scenes to the formy for rearcational purposes, and b) providing a safe planner toruce through the development to accommodate through troffic to access recreation apportunities.	Land and Resource Use	γ¤s		VELIG confletts that these mitigation measures will be considered, subject to the safety requirements,		
85	30-мау-14	Frank DeGagne, Land & Rosourco Specialist	FLNR - Sea to Sky Natural Rosource District	dAIR		Potential advects of fects on linear infrastructure may be indicated sy the levels of forest harvesting, in addition to how those harvesting levels are acheduled during LNG construction. Coordinating those activities may best be addressed by a road use agreement for the road permit between all road users.	Land and Resource Use	γes	Permitting Requirement	WLWG seknowledges this comment. The Land and Resource Use VC Indudes a forestry sub-component.		
86	3D-May-14		FLNR - Sea to Sky Natural Resource District	vc	Appendix A	Suggist that Forest Health be added as a volued component (Environment)	Land and Rosource Uso		-	WLMG apprediates the suggestion; however, 'forest health' will not be included as a VC. Part of the process of solesting VCs was to minimize redundancy and usulination. Although forest health was not included in the condidate Ist of VCs, native segenation is considered as part of the Vegetation Communities VC. We believe that this papropriate given the minimal asmount of clearing associated with the Project.	· ·	
87	30-May-14	Frank DeGagne, Land & Resource Specialist	FLNR - Sea to Sky Natural Rosource District	VC	Appendix A	Suggest that Wildfire be added as a valued component (Environment)	Land and Resource Use			VULNG approciators the suggestion, however 'wildfife' will not be Included as a valued component. Wildfire will be considered in Socien 12 [Effects of the Environment on the Project].	•	
88	30-Moy-14	Paula Doucatta, Senior Environmental Officer	Transport Conada (TC)	dAIR		Tri notes that there is no monitori of any impact associated with the proposed flars state on air margiaton. Hevre Sound may have VRI floatstines and belicoptor traffic. The flars tack: must be associated for maring and lighting under the Canadian Aristion Regulators (CAR) 60.1. The information on the location, height and characteristics of the obstacle as well as the lighting and marking will probably have to be publicited in the Aromatical information Publications as appropriate. Impacts to air marging bound be expected in the dAIR. In addition the height may have some impact on NavCanada's procedures. They aloud be constructed and provided information on the locatach, height and characteristics of the obstacle. They can be constructed and the information process described on their weshits as http://www.navemanda.acie/products-and- structors/cs/?egge/modu-us-program-asse.		Yes	Appilexton Review Permitting Regulzement	Section 72.3 Infrastructure and Community Services) has been monetar as follows (changes in-reg): monetars as follows (changes in-reg): The Application will describe the paceful all Project-related effects on infrastructure and computity sort/sea, including consideration of potential effects of the flare state on air analyzion. Interactione with a potential to result in fects of concern will be carried fareward in this analysis. WLNG commits to failburing the apprentiate permitting procedures. Through NavCanda's well register any new structures using the Land Les Submission Form to mitigate possible offects of sit refish. The Proponent will also be registering in the Accountable Source System (ACS) for Transport Carrado.	- otay .	
85	2-Jun-14	Russell Incuye, Fire Chief	Squamish Fire Roscue	vc.	Interactions	The form and structure of the buildings and fleating structures including the surrounding support structures will impact the tourism and outdoor recreation views cape. These issues shauld be addressed including petential mitigation factors.			*	Section 7.5 - Visual Quality will address potential Project Interactions with the Visual Quality VC and proposed mitigation. The objective of the visual assessment is to identify and determine parential Project-related visual affects and acethotics in comparison the existing visual baseline carditions. The basessment will identify and real-base potential adverse effects of all phases of the Project on the Visual Quality VC.		

Convert DP - 90	Saw albm trad 33-May-14	DeGagne, Land & Resource	Agency/ Affiliation FLNR - Sea to	selection or dAIR?	57.5, p117,		The state of the s	sciection/dal		Producted Persponent Our understanding is that addressing visual quality objectives is a legal requirement for Forstry Stawardship Pilans, but dees net partial to other resource usa. Visual quality objectives are often included in regional plans, and will be considered in our assourcement. The second paragraph of Section 7.5.1 has been amended as follows (changes in reg), and guidance description of legislation. The Application will include a description of legislation guidelines, SMRs, and guidance description of legislation the management of the Visual Quality VC (induding a reference to the Sea to Sky Natural Resource District's droit visual quality objectives where applicable.	AGR Round 2 - Dun Austal 2004	
91	30-May-14	DeGogne, Land & Resource	FLNR - Sca to Sky Natural Resource District	dair		Existing constitions. Correction: For FLNR the official district office name has changed to "Sea to Sey Natural Resource District" - not Sequentish District, could be confused with the municipality/District of Sequentish (DOS).	Visual Quality	γes		WLNG has noted the change to the district office name (changes in red); Section 7.52 Sullet 1 - Detektop refevance or estables information including available local plans, palicy documents, portis photographs, mass and thographical available and made available through the surrent have been established and made available through the surrent perveval Britks (clarimbia Yucus Indescore) knowney sential and tabular data (MOC 1997), with engoing amendments through the Sea to Sky Natural Resource District and MFINRO;		
92		Yota Hatziantoniou, Regional Environmental Acsessment Coordinator	Health Canada	dAIR	(pg. 15),	HC profers that the "Public Health" VC be rotitled "Humon Health" VC, be that it is inclusive of both public and Aborlginal health considerations.	Public Health	γcs	Application Review	Woodfibre does not intend to exclude aboriginal health by urgh ?*Ublic Health as the VC name. Aboriginal health by urgh ?*Ublic Health is used because the EA will include a type of Human Health Risk Assessment (HHRA). The MRA will include some sold-excondic Indicators in addition to the risk calculations. The public health assessment will include a human health risk assessment and information bootk way sold tearminate of		
93	2-Jun-12	Leedham, on behalf of MoE and MoH, Manager,	Ministry of Environmenta Environmental Protection, Oli Arbaction, Oli Team		Appendix A, pg. 1	Comparison of predicted ambient air concentrations to the MDE recommended guidelines, including the health-based guidelines from the WHO and the US EPA. A human kealth Risk Associated where predict at entistions will be compared with these guidelines is necessary. If the predicted concentrations are higher than published thresholds, or how a concentration ratio Ja. then the holds human health (quantitative risk association must be associated through dose- response curves or equivalent. Wall be (important clines to human health, important elements: • which CACs will be associated (1 hr ang/10 min ang/annual avg) • comparisons of ambient air consentrations to guidelines beyond privinicial and faderal to include WHO and the US EPA • quantitative fick associated it guidelines are second (using dose- response relationships) JF	Public Megith	yes	Application Review	association to provide a association of a community health and well being. The public health association of a community health in and well being. The public health association of a community health and well being. The public health association of the full well association of the social association of the public of social association association of the social of predicted emislions will be conducted if predicted concentrations exceed and quality guidefiers and the will be determined in the problem formulation stage of the rifk association of the social of quality guidefiers and the will be bedermined in the problem formulation stage of the rifk association of the social of the social for the social predictive of the social bases on health endpoints and obtained from a variety of regulatory sources includings BL of a green grands. Will be bedermined the problem formulation data commission on Environmental Quality and the United States Environmental Protection Agency. Cumulators effects of subsames acting on the same taxological and antice formulation. Cantaminants identified in the air quality entisions inverse previous work of VCOL will be associated employee merided are typically 1-th; 24-h and annual but some they will be matched by all quality standard (e.g., 10 minutes, eight heur).		

.

Date: May 27, 2014 Filo: Revision:

Date Comment IDM Subm	n'tted	Submitter pame and title	Agency/ Affiliation	Comment relevant to drafe VC selection or dAIR?	Relevant section and page our por	Serverof I was Denoted and Suggested Changes	Category/Theme	Grange to the draft VC scleetion/dA Rzeovired?	Application Review and/or: Permitting Regularment?	Proposetts Reporte	dAIR Found 2 - Dec Aug 112014	
94 27-56		James Lu and Paul	Vancouver Coastol Health (VCH)	VC		only with assessing effects to human health from the changes in the physical onvironment that might occur from this origin (c.g., all, water, analtent light and notice), Human health is laid determined by ether factors such as employment, housing, recreational opportunities, and as the subwork/sense of community belonging. Mest of the missing health distumbers are listed undergone on encode of the other Pillars as valued components. However to fully assess the Health Pillar, there notes to be explicit cross linkage to the Netth Pillar, there notes to be explicit cross linkage to the Netth Pillar, there notes to be explicit cross linkage to the Netth Pillar, there is noted to dualitors the wark but the fact that these other VCs feed into the Recommendium terms with statistical and a transpurent way. Recommends the Netth Status and Demographics - Population health status are not listed in the 4AIK or the 4VC as information the prospect not black link the registration and each population health status and Demographics - Population health abus indicators are not listed in the AIK or the 4VC as information the prospect is beinght as a company. Bayes and water and the product to the company of the possible impacts of the project to the community.	Public Health	Yes		Community health and wellbaing has been added as sub- component to Section 3.2 Public Health. Section 3.2.1 (bubic Health). Section 3.2.1 (bubic spragraph), has been amended as follows (where sprographics, this section will present a summary of Information from KGs and VCs with the potential to affect public health and discuss the Intege between the IC or VC and public health. The VCs and ICS will the potential to affect public health. The VCs and ICS will present a summary of section 5.4 Atmospheric Environment • Section 5.4 Atmospheric Sound • Section 7.4 Inforstructure and Community Services • Section 7.5 Visual Quality		
						stat should be included as part of the Health Pillar Indicators, Data elements should be included: o Domographic and Sadoeconomic status o Life exectancy, age, gender, and cause (including injury) specific mortality and meroillary rates, and previoence of chronic sitesses o Previoence of healthy/inthealthy III's styles (smeking rates, physical activity) level, nutrition, community belonging, ext.) =subWC: taboir Market and Sustainable feanoamy — Cross link to the VGs in the Economic Pillar. Rease add indicator(s) to capture the proportion of the projected workforce during construction and Genetion phases that will be hirder from the Local Study Arco.	-					
					Figure 4-25	Use — Cross tink to the VCsI in the Social Pillar. This would capture Issues that could affect opoulisation heilthy such as invascia to housing cost and availability, demand for sommunity and educational condexs, demands for emergency services, in addition impacts to receasilisate use within the Howe Earned Social Social Social Social Conductions in the Work includes the Health Canada Guidelines for Romenstoned Water Couldry includes the Health Canada Guidelines for Romenstoned Water Couldry duidelines (from Web), Given the could social for Water Couldry duidelines (from Med), Given the coulding level of water dischargs that Howe Sound From Industrial, commercial and residential activities, a cumulative impacts complex should be coundifierds. An interactory of acking human activities, all hashing beaches, recrustion and seasonal camas will need to be identified. The location of summer comps should be indicated on figure 4-26 (PHAA).				- -		
					Figure 4-23	FuelVC: Mixed Deality - Charges in semic-volues has an iffect on quality of life, The WHO European Charter on Environment and Hoelith, 1989, state tith "good hold" hand widi being require a cloon and harmonicus environment in which asstinatic factors are given their due impartance." •subVC: Marthe Transportation – Proponent needs to assess impoct on marine traffic rolled assistants (collision, grounding) leading to injuries. Assessments should note the limited to the shipping cruute and Darry lead Ferry but also consider accident and injury impacts within the oution recreation regional some reality area citized area closely and recreation regional assessment area (injur 4-33 should be expanded to include Nexen Beach, Cattermola slough and Squamish Marina, the area around the Kits Surf Spit (and perlaps other moring's such as is 58 syr).						

relevantio droftVC Relevant selection on section and

Sec. 1

Submitter Agency/

Vancouver Vancouver VC Coastal Health d'AiR

James Lu and Paul Martiquet,

Ministry Health Officer

199.00

27-May-14

							Revision:
D Relayant or section and		Change to t draft VC aniction/d	te Application Review and/or Al Permitting			•	•
VC noge 15 VC noge 15 dillings 20 zerostanisti de obstanti dillings 20 zerostanti de obstanti postabili and inon-postabili end inon-postabili to discrete postabili and inon-postabili to discrete postabili and inon-postabili to discrete postabili and inon-postabili the discrete postabili and inon-postabili proposed water popoly systems or upgrades to a construction Permit In advance from the Neahn system assessment must candide containibility activities and include protocolve measures for all water sources (conforce, ground or marine) [Com system; located in temporal boundarios]. • Written confirmation that all advanted from the Neahn Creak watersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • Add a subVC Liguid Wastre Management – M for any altersheds • It is unknown how the proponant plans to mana from vastes, Liebily shore severatings corries w vastes discharge on nearby summor campa and b part of the standard operating proceadure, the pu waste discharge on nearby summor campa and b part of the standard operating proceadure, the pu waste discharge on nearby summor campa and for b padde	Fublic Her de to Includo an wator Systems as compliance with the ndards stabilished by fixes and any other souldelines. New withing price require a Authority. Water Souldelines and proposed possible ment applieds to water le water Woodfiltre and Mill Tilling" will be required soverage disposal term Regulation. Aleo, existing Iloudi wate a storm and runoff the CV water Water ther relevant legislation Quality Gidedinos ge waste discharge uid be provided to to Home Sound Is to bo to Home Sound Is to bo	//ThemeR required?	Permitting	Gorphani (Carponi See response to comment 94	<u>CARE TRUE OF E TRUE AU 712-0012</u>		
Table 1, pg. + Add a SubVC: Alt-Quality – Alt criteria as show also include H23 and azone (nis orisizion was n Alt Shed Managament Ban gala and objectives and fetcal regulations and BMP gildelines. The hydro paver 35 th ophrany. supply version adult for the provideon of Shore paver to marine veze protection goals of the Alt Shed Managament Bi It is not clear from the indicators and attaload	eted by the Health fer to the Haws Sound In addition to provincial choice to use existing al gas and the potential des supports the air an. or the draft Public						•

					It is unknown how the proponent plans to manage waste discharge from vegets, likelity shore severange cervices would be provided to vessels while in doci. If vessel waster discharge het howe Saund is to be part of the standard operating procedure, the potential affect of the waste discharge on nearby summor camps and recreational waters must be addressed.						
			vc	10	• Add 5 slubVCI Air Quality – Air criteria as shown under Table 1 should also include H23 and azone (tpib onisizion was noted by the insult) Canada nas on the working group). Us challer after to the Have Sourc Air Shed Managament Ran gala and objectives in addition to provincial and deciar inguisations and BMF guidelines. The challers to use addite in for the providion of the Air Shed Managament Plan. For the providion of there gover to marker vesses supports the air protection geals of the Air Shed Managament Plan. It is not clear from the indicatas: and rationals for the draft Public Masth VC whether the potential of a sulfici on to submark wall disperior model on use is sufficient to simply compare the air disperior model on use to solving Ad chipcrive. The model autyputs health officts calculated in terms of mortality and motificity (eg. for Criteria Air Contaminants, VCC, H23 CC, Ozone, and PM).						
96 27-May-	ca james Lu and Paut Martiques, Melistry Health Officen	Coastal Health	vc	Mup 4-20	Emergency Response Emergency Accileum, Margadon and response plane must be elimited to the emergency accileum and the emergency activates and emergency operations staff. The emergency activates and emergency activates and the operations of the operations activates and emergency management plane's elivisioperations and from the Padific Decon open valier. "Request that no emergency management plane's elivisioperations activates and activates and file toop, facility for exclusions activates and activates and file toop, facility for exclusions activates and activates and file toop, facility for exclusions activates and activates and file toop, facility for exclusions activates activates and activates and file toop, facility for exclusions activates and activates and file toop, facility for exclusions, LVB emissions, transportation accidents, etc. A Transport Canado TREMPOL (Technical Review Process of Marine project to access the navigationol risk associated with the proposal, Results of the review should be part of AIR.	Emergency Response		-	The Application Information Requirements (AIR) is a document that lefendites the Information that WINB is required to provide in the EAC application. WINB assume that VCII is required the information bo included in the EAC application and not the Coordinate between all levels of government arewise. However, an assessment of the onfite shipping route is outside the score of the SAC stabilized in shipping net explosion of the California and the California and However, an assessment of the onfite shipping route is outside the score of the SAC stabilized in shipping net regulated under separate legislation. ING carriers used for the neglect util transit in accordance with the Canada Shipping Azt (2001) and by-lows estabilized by Transport Canada and the Project will transit in accordance with the Canada Shipping Azt (2001) and by-lows estabilized by Transport Canada and the Project will transit in accordance with the Canada Shipping Azt (2001) and by-lows estabilized as Specific Environmental Management Plans (Section 13), potalised emergency response at the permitting stage of the Project. The Fability Permit, tauder by the Olian Glas Commission, requires a detailed Emergency Response Plan. A TERMPOL review will be canducted for the Project; however, the TERMPOL review will be canducted for the Project; however, the TERMPOL review will be canducted for the completed until after the Project has seplied for the EA certificate.	· · · · · · · · · · · · · · · · · · ·	
 57 2-Jun+	14 Kimberly Noedham, Director of Planning and Devolopment Services	Squamish- Lilloost Regional District	dAIR		Should take into consideration psychological impacts within the LAA (20x2/cm) and RAA (50x2/cm). Should also include more than just those sponding time at/on the site or residents in the Howe Sound.	Public Health	Yes	Application Review	The Public MonRh VC has been annanded to include a community health and woll-buding sub-companent. This section will consider determinants and palameters of community health and woll-buding. Including income, alkahol and drug abuse, crime, community connectedness, and stress,	· · · · · · · · · · · · · · · · · · ·	

Common Die	Date Submitted	Submitter	Alleney/	Comment relevant to draft VC selection or	Relevant section and		Energory/Theme	Change to the draft VC selection/dAl B required?	Application Review and/or Purmitting		ENR Francis-Day Autostania	
	2-Jun-1		Ministry of Environment- Environment- Environmenta Protection, Ol S Gas/LNG Team	dAR	Pg 35, Section 3.9	The programmed should be aways to this some of the Be/Canadan ambient guidedney/solectives (SO2 and NO2) are not to be used in the diotemination of any health officers. The propenet hould contract the LNG AH Quality Specialized warren, mecempic@gev.bc.cz) as soon as passible to eliceus the dispersion modelling shart. The modelling situ divulue induce CAC; (as liced in Table 5.8) as well as any CEPA NPR isobanes that may be nonerable during sparticines. The propenet should also quantify the loss of any working flucts furing spectration. The propenet should also quantify the mass emissions of CACs (rom also isolan induce to accele and emergency situations. The associated shipping activities should include tanker and tug travel throughout the RAA and at berth. WM		Yes	Application Review	Zabilitates (dispect) The Med Will be consulted as early as possible in the modeling process. This will include provision of a cancectual and detailed and a lain for Multi Canuda Canual and Training (dispective) consistent with the SE Med Air Dispersion Modelling Guidelines (2009), the model stans will detail the air emissions that will be quantified and subcassed based on Project specific engineering data. The effect assessment for the operational phase will include conditionation of emergency specards. The phase and emissions from shipping activities associated with the Project. The air quality risk based on the use of health based air quality thresholds and thresholds from least. Canadian and international protections will be compared and a rationale will be provided for selection of environmental semening criteria. Based on discussions to date with the Mole on the compound madel join, the potential interim BCS 20 and ND2 ambient join madel join, the potential interim BCS 20 and ND2 ambient join madel join, the potential interim BCS 20 and ND2 ambient join.		
99	2-jun-1	Leedharn, on behalf of MoE and MoH,	Ministry of Environment- Environmenta Protection, Oli & Gas/LNG Team	dAIR	Pg 125, Section 9.0	The Human Hesikh Risk Assessment should follow Health Canada Guldance Documents on HHRA. MoH	Public Health	Yes	Application Review	Please see response to Commont 293,		
200	2-Jun-1-	Leedham, on	Ministry of Environment- Environmenta Protoction, Oi & Gas/LNG Toam	dAIR	Pg 125 Section 9.0	The Application should provide the complete HHRA rogart as a technical appendix, following a pandard HHRA framework as per Health Canada guidance, La Postern Formulator, Bergacura Assessment, Toxiaty Assessment, Risk Characterization, MoH	Public Haalth	No	•	Section 9.2.1 hiss been amended as follows (changes in red): The Projek has the patiential to affact public health through Interactions / or changes to air availably, antihent light, and holse. Public health is an ultimate raceptor for these patiential changes, and accordingly was selected as a VC. The Public Health VC will be constanted through a human health fail assessment and an assessment of community health and well- height. The campited Human Health Rick Assessment (HIA) report will be appended three Application. The HRRA will follow the standard framework as per Health Canade guidance (Le, Problem Formulation, Exposure Assessment, Toxicity Assessment, Rick Chancethration). A rationale will be provided for those exposure pathways that are excluded from further assessment.	· · · · · · · · · · · · · · · · · · ·	····
101	2-Jun-1	4 Xelle Leedham, on behalf of MoE and MoH, Manager, Operations	Ministry of Environment- Environmenta Protection, Oli & Gas/LNG Team	dAIR	Pg 126, Table 9-1	Where objectives an standards are net available or sufficiently protective of human hash, the assessment should refer to other jurisdictions (e.g. USPK, WHO), Neutra the ourcement BC AAQOS for SQ2 and NQ2 are not considered sufficiently protective of human health. Meit	Public Health	No	Application Review	Picase see response to Comments #93.		Go
-	2-Jun-1	4 Kelile Leedham, on behalf of Mo£ and MoH, Manager, Operations	Ministry of Environment- Environmenta Protection, Oli & Gas/LNG Team	dair.	Pg 126, Section 9,2.3	The HHRA should consider the effect of chamical mixtures as per Health Chande HHRA guidance. Where applicable, rekensitmeter may be summed for chamicals with similar mode of action and/or same target organ or tissue, for anomale, nick chimates for NO3 and SO2 are commany summed, along with other chemicals identified as "respiratory initiants." MoH	Public Health	No	Application Review	Plaase see response to Comment 493.	· · · · · · · · · · · · · · · · · · ·	
- 103	2-Jun-1	Leadham, on	Ministry of Environmente Environmente Protection, Oll & Gas/LNG Team	dAlk	Pg,125, Section 9.0	To support the scope of the MMRA and in accardance with Health Canada HMRA guidelines, the HHRA technical report should include a decaled conceptual model of all accardinalmans of pleatantial cancern, pathways of expessive, and receptors, including rationale for the inclusion or exclusion of aporative and inoperadive pathways. MoH	Public Health	No	Application Review	Plaza sec responsa to Comment #100,		
104	2-Jun-1	4 Kolle Leedham, on behalf of MoE and MoH, Manager, Operations	Ministry of Environment- Environmenta Protection, Ol & Gas/LNG Team	dAIR	Pg 126, Table 9-1	The dAIR suggests that chemicals of potential concern will be screened against environmental quality guidelines/standards/objectives in the HIRA. Please not that some of these limits may not adequately charactaria human health risk, especially in cases where they are developed baced on other factors such a technological constraints, etc. Consequently, the HIRA's should include analysis of docar-response data to assess the potential for ocute and chronic health risks at exposure below these levels, particularly for sensitive respirator. Mol	Public Heatth	Yes	Application Review	Plasso see response to Comment #93.		

Date: May 27, 2014 File: Revision:

Date: May 27, 2014 File: Revision:

					Comment of				Change to the	Appletion				
- C)	mment (04) 105	24-May-14	Submitter name and title Russell Inpuye,		relevant to drafe VC velocition or dAIR dAIR	phrenumber		Critosory/Theme Accidents and	drafe VC selection/dAt	Review and/or Permitting Repuirement? OGC Permitting	Proportent's Response Please see response to Commont #1.	1AIK Round 2 - Duc Aug 11,2014		
			Fire Chief	Roscue			measures to be undertaken during construction and operating phases. To Include bur note be limited to: Structure free: Marine Vessel filtes Marine Ves	Malfunctions		Reculrement	WING acknowledges this comment and agrees that specific patential accidents and multimethons are important to identify along with mitigation measures. Section 11 of the dAIR distributes the preliminary Rist of potential accidents and maifunctions that will be considered. A preliminary Rist of environmental management plans is included in Section 13 of the dAIR. WING will comply with all WorkSafe BC requirements.			
					-		Earthquike and Structural collapse Madical emargendes Exotavion Mater Vehilo Accidents Industria Accidents and Entangiement. Rescue Ground Search and Rescue			· .			• •	
	106	30-May-14	Paula Doucette, Senior Environmental Dfficer	Transport Canada (TC)	dAIR	p137, Section 17,0	In the first three builters TC recommends the addition of the descriptor foroposed' to "project".	Aboriginal Interests	Yes	Application Review	The definition of 'Project' in Section 2.0 of the dAIR has been amended (changes in red): This section will present a description of Woodfibre LNG Ltd (Proponent): Sevill as a Project description for the proposed Woodfibre LNG Project (Project).	TC-okty		
										-	The new definition of the term 'Project' indicates that it is a proposed project. The use of the word 'proposed' has been amended accordingly where it appears in the daiR.	· ·		
	107	30-May-14	Paula Doucette, Senior Environmental Officer	Transport Canada (TC)	dAIR	20	The way this section currently reads including the Table 20-3, uses not learny outline/optime way conditionations (strandis leass and concerns raised by Abardföhlaf groups, the measures proposed to miligate those offerts, the advanced of the influent measures proposed, and the degree to which the losues are considered rectived or addressed by the proponent and/or other partice) and may not result in adequate teorisis/lags.	Aboriginal interests	Y65	Application Review	WUNG spretchat specific issues and concerns raised by Abdightal groups on important to coprure in a spannato document, A separate Aboriginal groups Tracking Table (In the same format as the Working Groups tracking table is a long maintained to track the Users raised and mitigation measures proposed, as well as any follow-up successions or further (arrespondence on the fastive).	TC - oksy		
			-	- - -			TC has the following suggested revisions for paragraph 2 (sg 140): - The application will include an Aberiginal issues Tracking Take that summarize the potential deves a fifters of the proposed project on Aborginal interfers, the measures proposed to mitigate those offsets, and the degrees to which the issues are considered a solved or addressed by the proponent and/or ether particles and - A appendix to contains comments raised by Aberiginal groups in relation to the proposed project (Engagement Logs)				As part of the EA process, 3 Separato "Aboriginal Groups Consultation Document" is being developed that will outline the consultation process with Aboriginal groups.			
10	15	30-Мау-14	SCRD (David Rafael, Senior Planner)	Sunshine Cosst Regiona District	daja		f) Public Meetings During each public consultation period, p public meeting should be arranged in the Obsons area;	Public Consultation			The formal EAO public meeting locations are detarmined by the EAO.			
							. ·						· · · · · · · · · · · · · · · · · · ·	
	109	30-May-14	SCRD (David Rafaci, Senior Planner)	Surshine Coast Regiona District	dAJR		8) Additional comments may be provided by the SCRD during the public consultation period for the draft AIR;			-	WLNG schnowledges this comment.			
	110	30-Мәү-1	SCRD (David Rafael, Senior Planner}	Sunshine Coast Regiona District	dAtB	1	AND THAT the Environmental Assessment Office be requested to pravide additional communication regarding public information moetings that will be held in Glasons and area.	Public Consultation	1		Communications regarding public consultation meetings are determined by the EAO.		· · · · · · · · · · · · · · · · · · ·	
PR	OPONENT-I	ITIATED CHAN	GES	L		<u>t</u>		<u> </u>	1					

Comment IDV	Date	Submitter parce and title	和内容和国家	Commune relevant to drafe VC selection or dAIR7				Change to the draft VC sciention/cAl	Application Review and/or Permitting	Propurent's Resource			
111				(tair VC	dAIR soction 5,12 VC Appendix A	Schultarki Strick Detriction (A stratistic of characteristic Markiela municipis has been removed as subcomponent of the Aufianus VC. Marbied Murrelet was Initially proposed for consideration as a VC based on anticipister management comern. Taking additional information regarding project seleging and shing into candideration, the patential for effects to marbier murrelet habitat's now considered insightion. Rotuni effects um anticipient consisted with shipping and other non-habitat effects will be included in the Marine Bird VC assessment.	Cattor/ Read			HPpO(chrost KepOir Connection States)	dajn Reund 2 - Die Augus		
112				dAIR VC	5.14 VC Appendix A	Britziy Bair has been removed as a VC. Britziy baar was included as a VC because of its regulatory importance and our experience with other environmental accessments on Howe Sound rither than an expectation of dourses affects. Based on subsequent discussions with the Ministry of Forests, Lands and Hatural Resource Descriptions (FLNRO) and the EAC, we do not believe that FUNRO will require gritziy bear to be included as a VC.				· · ·		, , , , , , , , , , , , , , , , , , ,	-
113					2, soction 7.4.1.1 VC Table 4-4	The marine buffer for the Gommarcial Marine Use boundary and the Land and Basource Use Marine Based Outdoor Recration subcomponent has been reduced from Simi to 2 km. The 2 km buffer is based on a diagonal line that reaches to the opposite shore of Howe Sound and this buffer area, along with the marine portion of the Prejett may, aburto all marine based commarcial activities that are likely to be potentially affected. The 2 km buffer redistate autwards in the north, south and east directions and reaches across Howe Sound to the opposite shore at Wasts Point. In addition, the RAA is the whole of Howe Sourd (no just the Prejetts marine antibusing corridor) to the interaction of any identified advecer residual directs will be acputed within the linger reas. The Athier Transport will also comming potential marine based affects of the Project.						· · · · · · · · · · · · · · · · · · ·	
114	1			dAir VC	Figures	Figures have been updated to reflect the mast up-ta-date Project layout and study and assessment boundaries, In addition, the number of Igures has been reduced, as we have samilined overlapping study areas for VC2 into one Rgure, where frashbp.							
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												······································	
							· · ·						

EAO-2014-00066 30 of 30.

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14 - Findels Rosert - Angel State and State

Smith, Alanya C EAO:EX					
Thursday, July 31, 2014 1:50 PM					
Lara Taylor (Itaylor@hemmera.com); 'Byng Giraud'; 'Amanda Zinter'					
Mayall, Jane EAO:EX; Paulson, Amber E	AO:EX				
30050-20/WLNG-05-06	FW: For Review: Draft #2 AIR for Woodfibre LNG				
	Thursday, July 31, 2014 1:50 PM Lara Taylor (Itaylor@hemmera.com); 'B Mayall, Jane EAO:EX; Paulson, Amber E				

Hello,

Please see the further comments/ information request from Arch Branch.

Thank you, Alanya

Alanva Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: 2008 | Fax: (250) 387-2208

From: Thorogood, Paula FLNR:EX Sent: Thursday, July 31, 2014 1:43 PM To: Smith, Alanya C EAO:EX Subject: RE: For Review: Draft #2 AIR for Woodfibre LNG

Thank you Alanya,

I will return to the office August 12th. With the project shapefile, I may be able to determine whether the Provincial records contain information regarding the village site.

In the off-chance we are able to obtain shapefiles and conduct a search of the provincial records, I will provide further comment:

From our discussion, it sounds as though the proposed facility has been previously (and thoroughly) disturbed. Given the age of the previous sawmill, it is unlikely that an AIA was conducted on the subject property.

The Archaeology Branch would like to see a formalized document to provide a brief history of the land use of the area, including a discussion of sites that may have been present prior to the sawmill. The Archaeology Branch also recommends a Chance Find Procedure is created.

Depending on the nature of the development, the potential for intertidal features (fish weirs, canoe skids) may still be present.

Thanks, and sorry for any confusion.

Paula Thorogood | Archaeologist/Heritage Resource SpecialistArchaeology Branch | Ministry of Forests, Lands and Natural Resource OperationsPhone:250-953-3300

From: Smith, Alanya C EAO:EX Sent: Thursday, July 31, 2014 11:35 AM

To: Thorogood, Paula FLNR:EX **Subject:** RE: For Review: Draft #2 AIR for Woodfibre LNG

Thank you Paula. I have forwarded your comments to the Proponent. The Eagle Mountain project referenced below is another project (pipeline that would feed the facility). I will request a shapefile from the Proponent.

Thanks again, Alanya

From: Thorogood, Paula FLNR:EX
Sent: Wednesday, July 30, 2014 5:22 PM
To: Smith, Alanya C EAO:EX
Cc: Mayall, Jane EAO:EX; Paulson, Amber EAO:EX
Subject: RE: For Review: Draft #2 AIR for Woodfibre LNG

Hi Alanya,

s.22

Please find attached my initial comments (n=3) for the revised dAIR. Basically, until an Archaeological Impact Assessment is complete, we will not know whether archaeological sites are located within the proposed development, nor mitigate impacts to archaeological resources.

In regards to comment 1: I looked through our records and could only find a permit 2014-0188, to conduct an "Archaeological impact assessment of FortisBC Energy Inc.'s proposed Eagle Mountain - Woodfibre Gas Pipeline Corridor running from Eagle Mountain in Coquitlam to Woodfibre, southwest of Squamish" which I don't think is the right project.

Thanks,

Paula Thorogood | Archaeologist/Heritage Resource SpecialistArchaeology Branch | Ministry of Forests, Lands and Natural Resource OperationsPhone:250-953-3300

From:	Smith, Alanya C EAO:EX	
Sent:	Thursday, July 31, 2014 11:39 AM	
То:	Lara Taylor (Itaylor@hemmera.con	n); 'Byng Giraud'; 'Amanda Zinter'
Cc:	Mayall, Jane EAO:EX	
Subject:	30050-20/WLNG-05-06	Project Shapefiles

Hello,

Would it be possible to provide us with shapefiles of the proposed Project (facility site and marine route) and a kmz (Google Earth file) to make available to the working group? This has been requested by Arch Branch to assess whether existing arch sites are documented the area.

Thank you,

Alanya

Alanya Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: 21'S 21'S | Fax: (250) 387-2208

From:	Smith, Alanya C EAO:EX	
Sent:	Wednesday, July 30, 2014 4:57 PM	
То:	Lara Taylor (Itaylor@hemmera.com); 'B	yng Giraud'
Cc:	Mayall, Jane EAO:EX; Paulson, Amber E	AO:EX
Subject:	30050-20/WLNG-05-06	RE: Woodfibre VC Selection comments

To clarify, EC will potentially submit further comments next week on the d2 version.

-----Original Message-----From: Smith, Alanya C EAO:EX Sent: Wednesday, July 30, 2014 4:56 PM To: Lara Taylor (<u>Itaylor@hemmera.com</u>); 'Byng Giraud' Cc: Mayall, Jane EAO:EX; Paulson, Amber EAO:EX Subject: FW: Woodfibre VC Selection comments

Comments on the dAIR from environment Canada.

Thank you, Alanya

-----Original Message-----From: Leung,David [PYR] [mailto:David.Leung@ec.gc.ca] Sent: Wednesday, July 30, 2014 4:27 PM To: Smith, Alanya C EAO:EX Subject: Woodfibre VC Selection comments

<<2014-07-30_WoodfibreLNG_VC_EC_Comments_CoverLetter.pdf>> Go <<2014-07-30_Attachment1_Woodfibre_dAIR_ECCommentsonVCs_Final.pdf>> od Afternoon Alanya,

Apologies for the delay, here are Environment Canada's cover letter and comments on the VC Selection for the Woodfibre LNG Project.

Regards,

David Leung

Environmental Assessment Officer

Environmental Protection Operations Directorate | Direction des activités de protection de l'environnement Pacific and Yukon Region | Région du Pacifique et du Yukon Environment Canada | Environnement Canada Government of Canada | Gouvernement du Canada 401 Burrard Street | 401 rue Burrard

Vancouver, BC, V6C 3S5 | Vancouver, C-B, V6C 3S5 <u>David.Leung@ec.gc.ca</u> 604-666-3606

From:Smith, Alanya C EAO:EXSent:Wednesday, July 30, 2014 4:56 PMTo:Lara Taylor (Itaylor@hemmera.com); 'Byng Giraud'Cc:Mayall, Jane EAO:EX; Paulson, Amber EAO:EXSubject:30050-20/WLNG-05-06FW: Woodfibre VC Selection commentsAttachments:2014-07-30_WoodfibreLNG_VC_EC_Comments_CoverLetter.pdf; 2014-07-30_______Attachment1_Woodfibre_dAIR_ECCommentsonVCs_Final.pdf

Comments on the dAIR from environment Canada.

Thank you, Alanya

-----Original Message-----From: Leung,David [PYR] [mailto:David.Leung@ec.gc.ca] Sent: Wednesday, July 30, 2014 4:27 PM To: Smith, Alanya C EAO:EX Subject: Woodfibre VC Selection comments

<<2014-07-30_WoodfibreLNG_VC_EC_Comments_CoverLetter.pdf>> Go <<2014-07-30 Attachment1 Woodfibre dAIR ECCommentsonVCs Final.pdf>> od Afternoon Alanya,

Apologies for the delay, here are Environment Canada's cover letter and comments on the VC Selection for the Woodfibre LNG Project.

Regards,

David Leung Environmental Assessment Officer Environmental Protection Operations Directorate | Direction des activités de protection de l'environnement Pacific and Yukon Region | Région du Pacifique et du Yukon Environment Canada | Environnement Canada Government of Canada | Gouvernement du Canada 401 Burrard Street | 401 rue Burrard Vancouver, BC, V6C 3S5 | Vancouver, C-B, V6C 3S5 <u>David.Leung@ec.gc.ca</u> 604-666-3606



Environment Environnement Canada Canada

Environmental Protection Operations Environmental Stewardship Branch Pacific and Yukon 201 - 401 Burrard Street Vancouver, BC V6C 3S5

July 30, 2014

CEAR: 80060 ECPT: 13-1201

Alanya Smith Environmental Assessment Office Project Assessment Manager 836 Yates Street Victoria, BC V8W 1L8

Dear Ms. Smith:

Re: Environmental Assessment of the Proposed Woodfibre LNG Project – Environment Canada Comments on the Woodfibre LNG Valued Component Selection Document (June 4, 2014)

Environment Canada (EC) has completed a review of the following document:

Woodfibre LNG Valued Component Selection Document.

EC comments attached are founded on the departmental mandate and are focused on matters related to wildlife, vegetation, and wetlands. Attachment 1 provides contextual information on EC's mandate as it relates to the proposed Woodfibre LNG Project (the Project) and comments on Valued Components, including wildlife, vegetation, and wetlands.

As the Minister of Environment granted substitution of this assessment to the BC Environmental Assessment Office (EAO) on February 19, 2014, EC is participating as a Federal Authority pursuant to Section 4(b) of the *Memorandum between the Canadian Environmental Assessment Agency and the British Columbia Environmental Assessment Office on Substitution of Environmental Assessments* (2013).

I trust that these comments will be of assistance in advancing the environmental assessment of the Project. In the interim, if you have any questions or concerns, please do not hesitate to contact me at 604-666-3606.

Yours sincerely,

[ORIGINAL SIGNED BY]

David Leung Environmental Assessment Officer

Attach. (1)

Canadä

ATTACHMENT 1: EC COMMENTS ON WOODFIBRE LNG VALUED COMPONENT SELECTION COMMENTS

Section 4.0: Identification and selection of valued components and spatial boundaries

Section 4.1 Issues Scoping

EC notes that the 'Vegetation Communities' Valued Component (VC) is absent from Table 4-1, Section 4.1 of the VC Selection Document. Project activities would most likely impact this VC through the construction, operation, and decommissioning and reclamation phases of the project. EC recommends that Vegetation Communities be included in this table to ensure an assessment of potential Project impacts to this VC.

Section 4.2 Selected Valued Components

WILDLIFE

Appendix A of the VC Selection Document lists the VCs that have been evaluated and proposed for inclusion in the dAIR. EC advises that additional information with respect to wildlife that the Project would potentially impact is needed for the purposes of the environmental assessment review.

Specifically, EC recommends including additional indicators for each VC, taking into account such things as the following:

- All SARA Schedule 1, 2 and 3 species (mammals, bird, reptiles, amphibians, arthropods, molluscs)
- COSEWIC-assessed species listed as Endangered, Threatened or of Special Concern species (mammals, bird, reptiles, amphibians, arthropods, molluscs)
- Provincially-listed red, blue and yellow species (mammals, bird, reptiles, amphibians, arthropods, molluscs)
- Breeding birds and breeding bird communities
- Wintering and migrating (staging) birds
- Migratory birds and species at risk habitats, including, for example:
 - Protected areas and Important Bird Areas
 - Areas identified as Critical Habitat in any posted proposed or final Recovery Strategy
 - Wetland habitats (that are not currently designated as a protected area)
 - Habitats supporting wintering or staging migratory birds (that are not currently designated as protected areas)
- Habitat sensitivity to disturbance and pollution

Appendix A of the VC Selection Document lists the VCs and Indicator Species that the Project has the potential to interact with. Terrestrial mammals, amphibians, and birds have been selected and listed as indicator species. To ensure that the species are representative of the wildlife values, EC recommends that:

 A science-based rationale be provided on the appropriateness of each species to function as an indicator species. EC also recommends that:

The dAIR include an indicator species for the 'At-Risk Bats' VC.

The proponent is encouraged to consult with Environment Canada's Canadian Wildlife Service (CWS) with any questions regarding the evaluation of SARA-listed species for the purposes of the environmental assessment.

Migratory Birds

EC's mandate includes the protection, conservation and management of migratory birds and their habitat. The purpose of the *Migratory Birds Convention Act, 1994 (MBCA)* is to implement the Migratory Birds Convention between Canada and the United States by protecting and conserving migratory birds, as populations and as individual birds. Regulations made under the MBCA provide, inter alia, for the conservation of migratory birds and the protection of their nests and eggs. Section 6 of the *Migratory Birds Regulations (MBR)* sets out prohibitions including those related to the disturbance, destruction, or taking of a nest, egg or nest shelter of a migratory bird. Subsection 5.1 of the MBCA sets out prohibitions that include the deposition by a person or vessel of substances harmful to migratory birds in waters or areas frequented by migratory birds or in a place from which the substance may enter such waters or such an area.

Migratory birds, the nests of migratory birds and/or their eggs can be inadvertently harmed or disturbed as a result of shipping activities—including but not limited to being struck by or disturbed by vessels, being drawn in by onboard lighting, or being captured or harmed by fishing gear. This inadvertent harming, killing, disturbance or destruction of migratory birds, nests and eggs is known as incidental take. Incidental take, in addition to harming individual birds, nests or eggs, can have long-term consequences for migratory bird populations in Canada, especially through the cumulative effects of many different incidents. For further details, please refer to the Incidental Take website at: <u>http://ec.gc.ca/paom-itmb/default.asp?lang=En&n=C51C415F-1</u>

EC further advises that Proponents should be aware that construction during the nesting period for migratory birds carries with it high risk of incidental-take. Many bird nests are difficult to locate, even with highly trained observers. Proponents should be aware of the risks and take appropriate action to ensure they are in compliance with the MBCA.

EC recommends that:

 In the selection of migratory bird VC's and indicator species, that species are selected that represent different habitats and guilds, including marsh birds, shorebirds, raptors (diurnal and nocturnal species), songbirds that occupy different habitats, waterfowl, swallows and cavity nesters

The Project falls within Bird Conservation Region 5: Northern Pacific Rainforest. The indicator species chosen do not represent all bird guilds. EC therefore recommends that:

Attachment 1: EC Comments on Woodfibre LNG Valued Components Selection Document July 30, 2014

Page 2 of 7

 The Proponent refer to the Bird Conservation Strategy for Bird Conservation Region 5: Northern Pacific Rainforest for guidance on the selection of additional indicator species, or provide a science-based rationale as to why certain bird guilds were not included as indicator species. The document can be accessed at http://nabci.net/Canada/English/pdf/BCR%205%20PYR%20FINAL%20Feb%202013.pdf.

Marbled Murrelet

Marbled Murrelet are listed as threatened under Schedule 1 of SARA. EC posted the final Recovery Strategy for the Marbled Murrelet (*Brachyramphus marmoratus*) in Canada on the SARA Public Registry June 3rd 2014. The finalized recovery strategy identifies critical habitat to the extent possible for each conservation region. While day to day management of Marbled Murrelet is generally a provincial responsibility, EC is responsible for developing a Recovery Strategy for the species under SARA, and for downstream SARA requirements such as the protection of all identified critical habitat.

The federal Recovery Strategy¹ identifies critical habitat to the extent possible. More precise boundaries may be mapped, and additional critical habitat may be added in the future if additional research supports the inclusion of areas beyond those currently identified.

Marbled Murrelet is excluded in the 'Avifauna' VC (Section 4.3, Table 4-3). Based on a preliminary analysis, Environment Canada found that the proposed Woodfibre LNG (Project) site is located in proximity to areas that have been identified as potentially suitable for Marbled Murrelet nesting habitat.

Critical habitat for the Marbled Murrelet is defined as that portion of the suitable habitat necessary for the survival and recovery of the species as specified by the population and distribution objectives in the recovery strategy. Only partial identification of nesting critical habitat is included in the recovery strategy at this time; and information is not yet available to identify marine critical habitat. Nesting critical habitat has been identified to attain a state where greater than 70% of the total suitable nesting habitat available in 2002 is retained, coast-wide. There are recommended regional retention proportions based on the degree of historic habitat loss. A retention target of greater than 85% of 2002 suitable nesting habitat is recommended for the Marbled Murrelet conservation region where the proposed Project site is located.

Marbled Murrelets require both terrestrial habitat (i.e., coniferous old-growth forest within 50 km of the ocean) to support nesting and marine habitats (0.5 to 2 km of the shore) for foraging and moulting. Both habitat types need to be considered in recovering and managing the species. Primary threats are the direct loss of old-growth nesting habitat through forest harvesting, or clearing of land. These activities can create hard forest stand edges adjacent to remaining suitable habitat that increase opportunity for nest predator access into suitable nesting sites (e.g., crows and jays), and which alter the microclimate necessary to support microhabitat attributes (e.g., development of mossy platforms for nesting). Most of the microclimate effects occur within

¹ Environment Canada. 2014. Recovery Strategy for the Marbled Murrelet (*Brachyramphus marmoratus*) in Canada. *Species at Risk Act* Recovery Strategy Series. Environment Canada, Ottawa. v + 49 pp.

the first 50-100 m of forest adjacent to the hard edge, suggesting distance thresholds may be important directly adjacent to critical habitat boundaries, though the work to establish such thresholds has not yet been done. The effects of hard edges may diminish over time with revegetation. Marbled Murrelets are also easily disturbed by the passage of boats. Proposed increases in natural resources exports via B.C. ports and increases in shipping traffic have the potential to increase the risk in the core of the Marbled Murrelets range and is likely to cause Marbled Murrelets to avoid otherwise suitable foraging habitat.

Further to the recovery strategy, the Avoidance Guidelines on Incidental Take (<u>http://www.ec.gc.ca/paom-itmb/default.asp?lang=En&n=AB36A082-1</u>) suggest that mitigation measures are to be determined, implemented and monitored to avoid engaging in potentially destructive or disruptive activities at key locations (i.e. critical habitats) or during key periods (i.e., breeding season) that may affect Marbled Murrelet as a species protected under SARA and the MBCA.

EC recommends that:

- The EIS provide a map of the project design and footprint and any potential overlap with MAMU CH or suitable habitat
- Any monitoring on Marbled Murrelet be conducted in accordance with standardized methods (e.g. RISC 2001).

Amphibians

A change in water quality can have an adverse effect on amphibian populations. Amphibians are sensitive to low pH especially during the fertilization and embryonic development stage. Low pH can cause developmental abnormalities, delay or failing to hatch, delay in embryonic development and increased fungal growth on eggs. These factors can affect the overall survivorship of amphibian populations. Similarly, other water quality parameters including but not limited to dissolved oxygen, temperature, trace metals, conductivity and turbidity can have adverse effects on amphibians.

Based on the above, Environment Canada recommends that:

Potential effects of water quality (as indicated in Table 4-2) include amphibians; and,

VEGETATION COMMUNITIES

The 'Vegetation Community' VC in table 4-2, section 4.2 includes at-risk ecosystems, rare plants, and wetlands. EC recommends that:

 The Vegetation Community indicators include mosses and lichens to determine whether there are any federally-listed species in the Project area.

Wetlands

Wetlands are one of the key life supporting systems on the planet, are habitat to many endangered wildlife and plant species and perform essential ecological and socio-economic functions. It appears that wetlands were selected as a VC under Vegetation Resources as mentioned under Table 4-2.

EC recommends that:

 Consideration be given to having wetlands, including estuaries, selected as a separate VC given the range of overlap with other areas of interest, including for example hydrology, water quality, and wildlife.

Further to the above, potential Project effects on wetlands, including estuaries, include but are not limited to, loss or impairment of wetland ecological functioning in relation to such things as wildlife and wildlife habitat water quality, hydrology, plant community make-up, and traditional use.

Based on the above, EC also recommends that:

- The wetland assessment also include:
 - o A detailed evaluation of wetland functions; and,
 - Identification of provincially red- and blue-listed ecological communities within wetland communities.

Refer to Appendix 1 for advice regarding application of the *Federal Policy on Wetland Conservation*, the wetland mitigation hierarchy, and information needs in development of a wetland compensation plan.

Table 4.5 Proposed General Methods for Data Collection

WILDLIFE

For all species listed on Schedule I of SARA, that the Project would potentially impact, Environment Canada (EC) recommends that:

 The Proponent assess Project effects on a species-specific basis and provide mitigation plans specific to each species.

EC recommends that:

 If a listed species is not identified, surveyed and assessed as part of the Application, that a clear justification be provided as to why.

EC recommends that:

 If species are assessed through community indicators, that the Proponent provide a rationale as to how this community indicator would achieve a science-based assessment of effects on each federally-listed species.

Avifauna

EC recommends that:

Page 5 of 7

- Wildlife Resource Surveys for birds evaluate, as relevant to the Project area: marsh birds, shorebirds, raptors (diurnal and nocturnal species), songbirds that occupy different habitats, waterfowl, swallows and cavity nesters
- That migratory bird, species at risk, and vegetation surveys be spatially linked so that habitat functioning for specific species can be evaluated on a habitat (vegetation community) basis. Further to the second bullet, that the migratory bird and species at risk surveys data be evaluated in relation to habitat (vegetation community) use; specifically: species abundance, distribution, and density in each vegetation community of the Project area
- That the assessment evaluate migratory bird/species at risk seasonal use (breeding, migration, and overwintering) of the Project area

Western Toad

Western Toad has been assessed by COSEWIC and is listed as a species of 'Special Concern' on Schedule I of the SARA. EC recommends that:

 Surveys be conducted for this species for the purposes of the environmental assessment; specifically, that surveys be conducted to assess breeding and migration activity.

For migration, road surveys should follow the *Resources Information Standards Committee* (RISC) Standards). Careful attention should be paid to timing (months and time of day) of surveys in order to ensure it is conducted during peak movements of adults and juveniles. Road surveys are best conducted during or after rainfall.

At-risk Bat Species

Caves, mines and tall rock faces with deep fissures are likely the primary hibernacula and possible roosting habitat for bats.

EC recommends that:

 Desk tops surveys in combination with field surveys be conducted to evaluate bat activity in relation to any cliff/cave features.

EC advises that habitat assessments and mapping are preliminary steps in locating landscapes with features that could support bat roosts/hibernacula. Field surveys employing methodologies such as radio-tracking, mist netting, inventories of bats inside caves or mines or acoustic monitoring with bat detectors should be evaluated for locating roosting/hibernaculum elements. For additional information, refer to the RISC survey methods (RISC 1998).

VEGETATION COMMUNITIES

EC brings to the attention of the Proponent the SEI mapping standards (Standard for Mapping Ecosystems at Risk in British Columbia at

http://archive.ilmb.gov.bc.ca/risc/pubs/teecolo/habitat/assets/standards_for_mapping_ear_versio_ n1.pdf, which exists in addition to the TEM standards.

Attachment 1: EC Comments on Woodfibre LNG Valued Components Selection Document July 30, 2014

Page 6 of 7

EC recommends that:

• The dAIR include SEI and/or TEM mapping in support of the 'Vegetation Community' VC.

References

- Bellefleur, D. P. Lee and R.A. Ronconi. 2008. The impact of recreational boat traffic on Marbled Murrelets. Journal of Environmental Management. [ePub].
- Hamer, T.E., and Thompson, C., 1997, Avoidance of boats by Marbled Murrelets during marine surveys: Olympia, Washington, U.S. Fish and Wildlife Service, 17 p.
- Kuletz, K. J. 1996. Marbled murrelet abundance and breeding activity at Naked Island, Prince William Sound, and Kachemak Bay, Alaska, before and after the Exxon Valdez Oil Spill. American Fisheries Society Symposium 18:770–784.
- RISC (Resources Information Standards Committee). 2001. Inventory methods for Marbled Murrelets in marine and terrestrial habitats, Version 2.0. Standards for components of British Columbia's biodiversity, No. 10. Ministry of Environment, Lands and Parks, Resources Inventory Branch, Victoria, BC. URL: http://www.ilmb.gov.bc.ca/risc/pubs/tebiodiv/murrelet2k1/mamu%20ml20.pdf
- RISC (Resources Information Standards Committee). 1998. Inventory Methods for Bats, Version 2.0. Standardized inventory methodologies for components of British Columbia's biodiversity, No. 2.0. Ministry of Environment, Lands and Parks, Resource Inventory Branch, Victoria, BC. URL: http://www.for.gov.bc.ca/hts/risc/pubs/tebiodiv/bats/index.htm

From:	Smith, Alanya C EAO:EX	
Sent:	Wednesday, July 30, 2014 9:46 A	M
То:	Lara Taylor (Itaylor@hemmera.co	om); 'Byng Giraud'; 'Amanda Zinter'
Cc:	Paulson, Amber EAO:EX; Mayall,	Jane EAO:EX
Subject:	30050-20/WLNG-05-06	FW: For Review: Draft #2 AIR for Woodfibre
-	LNG - final HC comments	
Attachments:	July 28 dAIR Responses toWG	2 HC final comments.xlsx

Please find comments from HC attached.

Thank you

From: Yota Hatziantoniou [mailto:yota.hatziantoniou@hc-sc.gc.ca]
Sent: Tuesday, July 29, 2014 3:38 PM
To: Smith, Alanya C EAO:EX
Cc: Paulson, Amber EAO:EX; Mayall, Jane EAO:EX; Herbert Antill
Subject: Re: For Review: Draft #2 AIR for Woodfibre LNG - final HC comments

Hi Alanya,

As requested attached are Health Canada's final comments on the latest version of the Woodfibre LNG draft AIR (dated July 2014 - version 2).

Thank you for the opportunity to comment.

Yota

Yota Hatziantoniou, BSc, MSc (Plan)

Regional Environmental Assessment Coordinator Health Canada / Government of Canada <u>yota.hatziantoniou@hc-sc.gc.ca</u> / Tel: 604-666-5720

Coordonnatrice régional de l'évaluation environnementale Santé Canada / Gouvernement du Canada <u>yota.hatziantoniou@hc-sc.gc.ca</u> / Tél: 604-666-5720 Charge to she Application draft VC selection (All) Permitting. Post Marcel Resilences

dAIR Round 2 - Due Aurot-2014



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EAO-2014-00066 Page 66 20⁴

contract (D) 30	Dore Jöhmitted 26-May-14	Siboulutt Tome and title Yota Hatziantaniou, Regional Environmental Assessment Coordinator	Asenov/ Afriinion Health Canada (HC)	selection or dAIR?	Relevant section and Date number Table 5-1 (pg. 46)	Commany/Incol Paston/Ion/Stantashuldhardd With respect to assessing low frequency noise (vibration), HC suggests that the Progenent reference guidance from the American National Standards Institute (ANSI), 2005,	Catalogy (The Sand	Grange to the draft Vc relation/chi R regulted7 No	Application Twinw and/or- cumitable Application Review, Permitting Requirement OGC and Worksafe BC	Exclusion 145 AGE 2016 Health Canada recommends considering Amorican National Standards Institute (ANSI), 2005 when assessing low frequency noise (EFN), which indicates that the sum of the mawnighted noise levels in the 16 Hz, 31.5 Hz, and 68 Hz actave-bands should not exceed 70 kdl. As the ISO 95(3-2 based calculation algorithm that will be used to predic noise (revise associated with the Project does not consider the 16 Hz actave-band, and naise source emission data is generally not subliable in the 15 Hz actave band, this calculation cannot be completed and will not be considered in this accessment, instead, the noise assessment will consider the DIC British Columbia Noise. Control Steel Practices Guideline and Alberta Energy Regulator	dalitärunti 2- Der Avgisi 2000. Noted,
25	26-May-14	Yota Hatzlantonjou, Regional Environmentul Assessment Coordinator	Health Canada	VC	Table 2 (pg. 15)	HC advises EAO that the "Site Contamination" intermediate component also provide a summary of any studies that may relate to country foods contamination, if applicable.	Site Contamination/ Public Health	Yes	Application Review	document Dirortive U38: Malse Control when assessing LFN. Section 5.7.1 has been updated as follows (changes in red): Site contamination was selected as an (c and will be summarked in the Application because there is a potential pathway for disturbance and mobilisation of historical consumination during construction activities to affect ICs and VCs, including water quality, i freshwater fish and fish habitat, and human health. Section 5.7.3 has been amonded as follows: Information from this section will be cross-referenced to other	HC accepts this response.
	26-May-14	Yota Hatziantoniou, Regional Environmental Assessment Coordinator	Health Canada		Table 4-3 (pg. 33), section 5.5.1.1 (pg. 52)	Por the "Site Contamination" intermediate component, HC suggests that a rationale be provided for why the RAA is the same as the LAA. If there is any ponetular for the migration of contaminants beyond the Woodflbre property, HC suggests that a larger RAA be considered.	t Site Contamination	Yes	Application Review	It's and VCs on the pathways of effect related to site contamination, as applicable: -Section 2.2 Public Health Section 5.7.1.1 [Spatial Boundaries] has been updated as shown below. Lacal Assessment Area; The Project Area Regional Assessment Area; Same as the LAA, WFP has committed to obtaining a BC MOE COC prior to transformed the removalization must demonstrate that contaminants are nod contaminate and totharises into aquatic environments and demonstrate that existing contaminants left in situ and	HC accests this response.
21	26-May-1-	Yota Natziantoniou, Regional Environmental Assessment Coordinator	Health Canada	dAIR	(pg, 15) & dAIR: Table S	HC advises EAO that the parameters for the "Surface Water Quality" intermediate component also include any organic and inorganic contaminants of potential concern, if these have been identified in providus constimated alter surface for the Woodfibre property, HC would prefer that this additional information be considered if there are any recreational or drinking water uses on/near the project site.	Surface Water Quality	Yes	Application Review	remediated to risk-based stondards will not have advorse effects on the environment or human health. The following text has been added to Soction 5.8.3 of the dAIR. Contaminants related to site contamination will not be included in this section because they are boing addressed by others for the COC, Current kile investigations are underway to study the potential effects that may be caused by disavrbance and mobilisation of historical contamination, and the potential effocts are addressed through dentified emediation strategies. WFP has committed to absaining a COC from MDE prior to transferring het Modellive property to the Proponent. In order to obtain a COC, the remediation must demonstrate that contaminants are not conthuing to addenage into aquatic environments and that existing contaminants left in situ and remediated to subtained swill not in future be re-	Noted,
33	26-May-1/	Yata Hatziantoniou, Regional Environmental Assessment Coordinator	Health Canada	VC dAIR	(pg. 15) & dAIR: Table 5	HC advises EAO that there appears to be a discrepancy in the parameters listed for the "Marine Water Quality" intermediate omponent (IC) prosented in the VC document, versus the dAIR, HC prefers that any organic and inorganic contominants of potential concern be considered for this IC – especially if there are any recreational and fishing uses near the project site.	Marine Water Quality	yes	Application Review	mobilized. Section 5.7 Site Contamination of the Application will Include a summary of the site Investigation findings and iconclusions.	HC accepts this response,
					-					Targeted dredging in the area has already removed some of the legacy contaminants from sediments; however, results indicate remaining sediments in action parks of the Project area contain dioxins and furans, which can be remabilized into the water if sediments are disturbed. These contaminants will need to be included in the assessment and how been added to Table 5-5.	

Date: May 27, 2014 File: Revision:

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				Comment				Change to the	Application		
	late	Submitter	Agency/	draft VC sulection or	Relevant section and			Graft-VC sulection/dAl	Review and/or Permitting		
Comment ID#	usmitted	name and this	Affiliation	dAIR?	pagenumber	Comment/lissue Description/Suggested Changes	Category/Thema	Ricculred	Requirement?	Proponent's Response	EAIR Found 2-Due Aug12-2014
35	26-May-14	Yota Hatzlantoniou,	Health Canada	VC	VC: Table 1 (pg. 10),	For the "Atmospheric Environment" VC, HC advises EAO that the Proponent also include H2S, ozone, and metals (as applicable) in the	Atmospheric Environment (Alr	yes	Application Review and	The effects assessment will consider relevant emissions based on Project-specific engineering data on air emissions. We are	HC accepts this response.
		Regional		umin.		VC/AIR/Application documents, along with the other criteria air	Quality)		Permitting	aware of the forthcoming NO2 and SO2 BC air quality standords,	
		Environmental				contaminants (CACs) indicated. Otherwise, HC advises that the			Requirement	but understand that they have not currently been released by	
		Assessment Coordinator				Proponent provide a strong justification for any CACs that are not being considered in the air quality assessment (e.g., H2S, ozone etc.).			osc	the MoE. These criterio will be considered within the effects assessment, if they are available within a time period that	
		CONTINUED				It is HC's understanding that the Province of BC has developed "interim"				permits inclusion in the effects assessment. The potential for	
						AAQOs for 1-hr NO2 and 1-hr SO2 (to be officially released at a later		ļ	· ·	fugitive emissions and emergency scenarios will be considered	
						date), and that these are below the current published objectives for NO2 and SO2. HC suggests that the Proponent undertake an analysis of			•	within the effects assessment.	
1 1						predicted concentrations of NO2 and SO2 against both the Interim BC				The following text has been added to Section 5.2.3 of the dAIR,	
						objectives and/or the objectives of other jurisdictions (e.g., World				The air quality effects assessment will consider ground-level	· · ·
						Health Organization), as may be applicable. This advice is provided in anticipation of lower NO2 and SO2 objectives being in effect during				ozone as well as H2S (should H2S be emitted from the Project).	
						Project construction/operation, and with the expectation that these				Based on discussions to date with the MoE on the conceptual	
						lower objectives will be more protective of human health.			ł	model plan, the potential interim BC SO2 and NO2 ambient air	
1 1		ļ		1		Finally, HC suggests that a full inventory be provided of all potential air pollutants, including any refrigerants, solvents or other process	ļ	Į	ţ	criteria will be considered in the effects assessment. However, we don't recommend any change to the AIR, since the potential	
						chemicals (and their by-products) that may be vented, combusted, or				new criteria under consideration have not been made available	
						accidentally released into the atmosphere. This would enable a better				to the public yet.	
						understanding of surrounding population exposure and potential risk.	-				
							1				
						· · · · · · · · · · · · · · · · · · ·					
36	25-May-14		Health Canada	dAIR	Section 5,9 (pg. 58) —	As part of the "Atmospheric Environment" VC, HC advises EAO that the Proponent assess an additional "emergency flaring/back-up power	Atmospheric Environment (Air	yes	Application Review	The following text has been added to Section 5,2,3 of the dAIR The Application will consider emissions to air from the LNG	HC accepts this response.
		Hatziantoniou, Regional				generation" scenario. The current assessment steps for this VC do not	Quality)		REVIEW	facility, including emergency scenarios undertaken for the	
		Environmental				capture this potential scenario - the results of which would help to				Project operation phase, and associated shipping activities.	
		Assessment Coordinator				characterize potential adverse effects to humans.			1		
82	26-May-1		Health Canada	dAIR		HC suggests that the "Land and Resource Use" VC also cross-references		yes	Application Review	WLNG confirms that any available Traditional Land Use studies	HC accepts this response.
		Hatzlantoniou, Regional			(pp. 133-144)	baseline information from available Traditional Lond Use Studies to Incorporate Aboriginal uses of the Project area, where appropriate to	Use		Review	will be cross-referenced as appropriate, as indicated in Section 7,4,1.	
		Environmental				do so.					
		Assessment Coordinator								The Application will include a description of legislation, guidelines, BMPs, and guidance documents that are relevant to	
		Coordinator					-			the management of the Land and Resource Use VC. If available,	
										the Application will also describe how TK (traditional	
										knowledge) and TU (traditional use) information, as obtained through consultation with Aberiginal groups and other sources	
1 1										were used in the assessment.	
		1									
92	26-May-1	4 Yota	Health Canada	Jur .	VC: Table 1	HC prefers that the "Public Health" VC be retitled "Human Health" VC,	Public Health	yes	Application	Woodfibre does not intend to exclude aboriginal health by using	HC accepts this response.
	the level to	Hatzlantoniou,	- Icultin Culture	dAIR		so that it is inclusive of both public and Aboriginal health consideration:)-=-	Review	'Public Health' as the VC name, Aboriginal health factors will be	·
		Regional		1	Appendix A					Included.	
		Environmental		1	(pg. 5) & dAIR: Table		ļ	ļ	l.	The term Public Health is used because the EA will include a	
		Coordinator	1		4-1 (pg. 29)					type of Human Health Risk Assessment (HHRA), The HHRA will	
										Include some socio-economic indicators in addition to the risk calculations,	
		-								Landon electron	
										The public health assessment will include a human health risk	
										assessment and information about key social determinants of health to provide an assessment of community health and well.	
1										being. The public health assessment will be inclusive of	
1				ľ					1	aboriginal health.	

From:	Smith, Alanya C EAO:EX				
Sent: Tuesday, July 29, 2014 1:34 PM					
То:	To: 'Byng Giraud'; Lara Taylor (Itaylor@hemmera.com); 'Amanda Zint				
Cc:	Paulson, Amber EAO:EX; Mayali, Jar	ne EAO:EX			
Subject:	30050-20/WLNG-05-06	Public consultation report			

Hello,

I understand that WLNG used a document called the "Community Consultation – Discussion Guide and Feedback Form" at the public open house in Squamish (and perhaps more broadly). Please ensure that the comments collected through this form are presented and addressed in the Public Consultation Report due on August 27.

If you have any questions please let me know.

Thank you, Alanya

Alanya Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: 21'S 21'S | Fax: (250) 387-2208

From:	Smith, Alanya C EAO:EX		
Sent:	Tuesday, July 29, 2014 12:37 PM		
То:	'Lara Taylor'; Paulson, Amber EAO:EX; 'Amanda Zinter (Amanda_Zinter@wlng.ca)'; 'Byng		
	Giraud (byng_giraud@wlng.ca)'		
Cc:	Mayall, Jane EAO:EX		
Subject:	30050-20/WLNG-05-06	WG review of draft 2 AIR	

Hello,

Yesterday we shared the draft 2 version of the AIR and the tracking table with the WG and requested comments by the end of day on August 11.

As discussed at our meeting, I would encourage you to follow up directly with WG members as needed to work to resolve any outstanding questions or issues. I understand that there are a couple of items where information will be provided in the next couple of days that we will then forward to the working group.

If you have any questions please let me know.

Thank you, Alanya

From:	Smith, Alanya C EAO:EX		
Sent:	Monday, July 28, 2014 9:33 AM		
То:	'Byng Giraud'; Lara Taylor (Itaylor@hemmera.com); 'Amanda Zinter'		
Cc:	Mayall, Jane EAO:EX; Paulson, Amber EAO:EX		
Subject:	30050-20/WLNG-05-06	FW: SCRD Comments re Woodfibre LNG Valued	
	Components		
Attachments:	2014-Jul-26 SCRD Board resolutions and consultative groups comments.pdf		

Good morning,

The formal public comment period for WLNG closed last night at midnight. We received about 500 comments over the weekend. Staff are working to post the new comments over the course of the week with the aim of having all posted by the end of this week.

Please see the attached letter and comments from SCRD and consider these comments as working group comments to address in the next round of review.

We anticipate receiving the working group tracking table and next draft AIR from you later today and I intend to send to the working group for their review.

If you have any questions, please give me a call.

Thank you, Alanya

Alanya Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: 21'S 21'S | Fax: (250) 387-2208

From: David Rafael [mailto:David.Rafael@scrd.ca]
Sent: Sunday, July 27, 2014 4:19 PM
To: Smith, Alanya C EAO:EX
Subject: SCRD Comments re Woodfibre LNG Valued Components

Hi Alanya

Please find attached the SCRD Board and staff comments regarding the Woodfibre LNG Valued Components.

Regards, David

David Rafael Senior Planner Sunshine Coast Regional District 1975 Field Road, Sechelt, BC, VON 3A1 phone: 604 885 6804 ext 4 (direct me) 604 885 6800 (Reception)

fax: 604 885 7909

My office hours are Monday to Friday from 8:30 a.m. to 4:30 p.m.

Follow us on Twitter at <u>sunshinecoastrd</u> Visit us: <u>www.scrd.ca</u>

Sunshine Coast Regional District

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info@scrd.ca www.scrd.ca



July 27, 2014

BY E-MAIL: Alanya.Smith@gov.bc.ca

Alanya Smith Project Assessment Manager Environmental Assessment Office PO Box 9426 Stn Prov Govt Victoria BC V8W 9V1

Dear Ms Smith:

RE: Additional Comments regarding Woodfibre LNG Valued Components Public Consultation

Further to the SCRD Boards comments on the Valued Components for the Woodfibre LNG environmental assessment submitted on May 29, 2014.

The SCRD referred the documents to its West Howe Sound (Area F) Advisory Planning Commission (APC) and Natural Resources Advisory Committee (NRAC) for consideration. The SCRD's Agricultural Advisory Committee (AAC) also provided some comments. The comments from these three consultation bodies are attached along with a copy of the SCRD letter submitted on May 29, 2014.

The SCRD Board's recent resolutions regarding the proposal are also attached for consideration.

The SCRD Board expressed concern regarding the potential impact of the tankers on boating in the area as there may be a requirement for an exclusion/safety zone around each tanker as it moves through the Sound. If this is the case then this will disrupt tourism, recreation and the ferry traffic that is vital to the Sunshine Coast. As part of the EA review, the SCRD requests that the issue of an exclusion/safety zone be explained and if such a zone is a requirement then the applicant needs to set out the potential impacts and mitigation measures as part of the application information that will be submitted in due course.

The SCRD's Agricultural Advisory Committee meeting raised questions about the potential for emissions from the proposed LNG plant and tankers to impact agriculture in the area. In discussions with SCRD staff, members raised concern about the possible impact of particulates on farm operations that are trying to achieve or maintain organic

ELECTORAL AREAS: A - Egmont, Pender Harbour B - Halfmoon Bay D - Roberts Creek E - Elphinstone F - West Howe Sound MUNICIPALITIES: District of Sechelt / Sechelt Indian Government District / Town of Gibsons

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classification. Staff request that this issue also be considered as part of the application information that will be submitted in due course.

At the July 17, Planning and Development Committee, a presentation was made by Eoin Finn, a concerned member of the public, about the proposal. Staff note that one item raised by Mr. Finn is of particular interest: is there a seasonality of LNG production such as a decrease in production in the winter and a corresponding increase in the summer? If so this will increase the tanker frequency during high production periods, likely during the period when there is a peak in recreational; boating use of Howe Sound. Is this the case and if so what mitigation measures will be proposed?

Questions were also raised about the safety of LNG tankers and staff understand that this issue will be considered in detail in the application that will be submitted by Woodfibre LNG Limited.

Please contact me if you have any questions (604 885 6804 ext 4 or david.rafael@scrd.ca).

Yours truly,

SUNSHINE COAST REGIONAL DISTRICT

David Rafael Senior Planner

Enclosures: SCRD Board Resolutions (July 24, 2014) Minutes from SCRD Area F APC, NRAC and AAC meetings SCRD Letter Dated May 29, 2014

cc: Woodfibre LNG Limited

SUNSHINE COAST REGIONAL DISTRICT

July 24, 2014

MINUTES OF THE MEETING OF THE BOARD OF THE SUNSHINE COAST REGIONAL DISTRICT HELD IN THE BOARDROOM AT 1975 FIELD ROAD, SECHELT, B.C.

Recommendation No. 3 Proposed Woodfibre LNG project

THAT information received from constituents on the Sunshine Coast regarding the Woodfibre LNG project be presented by staff at meetings of the Advisory Working Group for the proposed project;

AND THAT staff schedule a meeting with Ms. Alanya Smith, Project Assessment Manager for the proposed Woodfibre LNG project and the SCRD Board to discuss concerns related to this project;

AND FURTHER THAT staff raise the issue of concern regarding the required safety zone for the passage of LNG tanker traffic and the width of Howe Sound during the meeting with Ms. Smith, Project Assessment Manager for the proposed Woodfibre LNG project.

Recommendation No. 17

LNG Tankers in Howe Sound and Georgia Strait

THAT a copy of the Town of Gibsons resolution R2014-250 regarding LNG Tanker Traffic in Howe Sound and Georgia Strait adopted at the July 15, 2014 regular council meeting be received;

AND THAT the SCRD urge the federal government to ban the passage of LNG tankers in the waters of Howe Sound and Georgia Strait.

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SUNSHINE COAST REGIONAL DISTRICT NATURAL RESOURCES ADVISORY COMMITTEE MINUTES Rockwood Lodge, Sechelt BC Wednesday July 16, 2014

(NOTE: The SCRD Board has not yet received the minutes from this meeting of the Natural Resources Advisory Committee, this will take place at a Board meeting in September)

4.1 Woodfibre LNG -- Environmental Assessment Valued Components Consulation

In discussion of this item, the following points were noted.

- Some recommendations provided by the SCRD have not been adopted by the proponent. In particular, the proponent has not held public consultation meetings in Gibsons.
- Safety record for transport of LNG is good. However, Howe Sound provides unique challenges for tanker transport. It is a narrow fjord with frequent ferry and recreational marine traffic.
- There is some confusion about the role of NRAC with respect to this issue: should NRAC focus on contributing to the list of Valued Components to ensure the items are relevant, measurable and complete?
- Air quality issues due to leaks and/or emissions will be influenced by geography. Howe Sound is a relatively contained area and air pollution may not dissipate. Ability to provide shore power to tankers would reduce air pollution in the Sound.
- It would be helpful to know regulations about dumping effluent from ships (e.g. ballast and sewage) as this is a potential concern for marine pollution and invasive species.
- Valued Components can be weighted for importance, but confidence in the results of analyses for broad issues that are difficult to measure may be low.

Possible ways to improve the list of Valued Components include:

- Some items in the draft list of Valued Components may require breaking down; others could be lumped into groups. For example, split recreational and commercial marine transport and safety and lump terrestrial wildlife and species at risk.
- Include public safety: evacuation and emergency response.
- Include foreshore erosion resulting from tanker wake.
- Climate change may not be appropriate for list.
- "Sustainable economy" is an ambiguous item.
- Consider "Dark Sky Friendly" lighting to limit light pollution under recreational or heritage impacts.
- The list of Valued Components might be improved by comparison to the factors considered in a comprehensive environmental assessment document.
- It would be worthwhile to consult professionals in the field of cumulative environmental effects to develop and expand the list of Valued Components.

<u>Recommendation No. 7</u>: - Woodfibre LNG – Environmental Assessment Valued Components Consultation

That the Valued Components list is developed via a more systematic process that includes professionals in the field of resource and environmental management (specifically, cumulative effects analyses)

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Letter to BC Environmental Assessment Office re Woodfibre LNG Valued Components Dated July 27, 2014

West Howe Sound (Area F) Advisory Planning Commission June 24, 2014 Minutes of the meeting at Eric Cardinall Hall, Shirley Macey Park, West Howe Sound, BC

(NOTE: The Area F APC minutes were received by the SCRD Board at the July 24, 2014 Board Meeting (Resolution 424/14 – Recommendation No. 38)

5.1 Woodfibre LNG – Environmental Assessment Valued Components Consultation

Concerns expressed by APC members regarding the Woodfibre LNG Environmental Assessment Valued Components (VCs) Consultation centered around: public health and safety and potential impacts of the project within West Howe Sound; and the nature of the consultation process including the proponent's lack of consultation on the Sunshine Coast and the lack of transparency of the process.

Points from the APC's discussion on the Environmental Assessment Valued Components documentation (June 2014) prepared by Woodfibre LNG for the BC Environmental Assessment process include:

- I don't see anything about monitoring to ensure things are being done.
- I am flabbergasted that they have changed the rules of the game, and said that we will no longer have a consultation in Gibsons.
- I am getting frustrated with having all this material to read, and we won't see the result of the AIR to see if our input was included.
- They are parceling it up, not talking about the cumulative effect.
- There is a potential enormous impact for Area F. Many of those VCs impact the West Howe Sound area, as shown on these maps:
 - 4-1 Atmospheric Environment Assessment Areas
 - 4-2 Atmospheric Sound, Light, Geomorphology and Natural Hazards, and Site Contamination Assessment Areas
 - 4-3 Surface Water Quality, Surface Water Quantity, and Marine Water Quality Assessment Areas
 - 4-5 Freshwater Fish and Fish Habitat, Marine Benthic Habitat, Marine Birds, Forage Fish and Other Fish, and Marine Mammals Assessment Areas
 - 4-7 Commercial Marine Use, Local Government Finances, Housing and Accommodation, Community Infrastructure and Services, Community Health and Wellbeing, and Emergency Services Assessment Areas
 - 4-9 Heritage Resources and Public Health Assessment Areas.

West Howe Sound is included in every one of these maps but we haven't been consulted. Because of this potential impact on our area it is imperative that we be consulted.

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- Send a letter of protest. The EAO has said there is no public review. It is outrageous that the EAO has removed the requirement for the public review of the AIR. Outraged with being excluded.
- They are trying to fast track it. They want an LNG up and operating now.
- What was the rationale for removing the public consultation process? I think it is very shady.
- I have seen these projects get approved. The capital costs get passed on down. Will that create issues for supply for us? When will Fortis deliver on their commitment to harmonize rates with the Fraser Valley? I am worried because of this capital project; they will go to the Utilities Commission saying they can't afford it.
- We support (Senior Planner) David Rafael's concerns.
- In the section on Public Health on page 22 (in the "Updated Project Description" document), those are major health hazards and I don't think they are being addressed appropriately. They are going to pollute the environment. They are not giving enough serious consideration to the potential public health hazard.
- If Whistler was deemed important enough to be consulted, when there is no impact other than visual when they drive by, why were we excluded?

Agricultural Advisory Committee July 22, 2014, 3:30 pm

Minutes of the meeting held in the Cedar Room of the Sunshine Coast Regional District Offices, 1975 Field Road, Sechelt, BC

- (NOTE: The SCRD Board has not yet received the minutes from this meeting of the Agricultural Advisory Committee, this will take place at a Board meeting in September)
 - 4.3 Proposed LNG Project as it relates to Agriculture

Discussion transpired on the proposal to transport liquefied natural gas (LNG) from Squamish through Howe Sound. Concerns about potential impacts of air quality on regional agriculture and about safety risks were raised. Staff reported the SCRD Planning and Development Committee recently recommended that a letter be sent to the federal government requesting that tanker traffic in Howe Sound be banned. In addition, that comments submitted by staff to the BC Environmental Assessment Office would include reference to agriculture concerns.

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Josh Handysides, Project Assessment Manager Woodfibre LNG Project BC Environmental Assessment Office PO Box 9426 Stn Prov Govt Victoria BC V8W 9V1 josh.handysides@gov.bc.ca

SENT VIA EMAIL

Dear Mr. Handysides:

RE: SCRD comments regarding the draft Application Information Requirements (dAIR) for the proposed Woodfibre LNG Project

At its regular meeting on May 22, 2014, the Sunshine Coast Regional District Board considered the draft Application Information Requirement (dAIR) for the proposed Woodfibre LNG project and the following resolution was adopted:

302/14 <u>Recommendation No. 17</u> Woodfibre Liquid Natural Gas (LNG) – Environmental Assessment Working Group

THAT the Senior Planner's report titled "Woodfibre LNG – Environmental Assessment Working Group" be received;

AND THAT the Sunshine Coast Regional District (SCRD) Board forward the following comments to the BC Environmental Assessment Office for inclusion in the draft Application Information Requirements (AIR);

a) The list of Projects/Activities for Cumulative Effects Assessment needs to include specific activities from existing establishments such as Camp Potlatch for consideration;

b) Reference should be made to the proposed Provincial process known as Cumulative Effects Assessment Framework for Howe Sound and potential increase in emissions from alteration to Port Mellon compressor station should be identified for consideration;

c) Sustainable Economy Valued Components (VC):

(i) There may be impacts/benefits for SCRD, Town of Gibsons and Islands Trust areas. Thus the draft AIR should make reference to SCRD and Islands Trust. Reference is made to the Howe Sound area being the regional area for the marine portion under the economy heading. This should be amended to

ELECTORAL AREAS: A - Egmont, Pender Harbour B - Halfmoon Bay D - Roberts Creek E - Elphinstone F - West Howe Sound -MUNICIPALITIES: District of Sechelt / Sechelt Indian Government District / Town of Gibsons refer to the SCRD, Islands Trust (Gambier Island Local Trust specifically) and Town of Gibsons;

(ii) Commercial marine use is a significant sub-component and impacts on SCRD area (specific reference to Hillside Industrial area), Gambier Island Local Trust and the Town of Gibsons as areas that should also be noted for consideration/study;

(iii) There may be scope for other locations to provide workforce and other ports/docks could be used for worker/material transport. The draft AIR should include reference to considering/reviewing additional locations;

d) Marine Transport Valued Components:

The marine transport component notes the marine transport route. These are shared by vessels (commercial and recreational) that access the SCRD, Gambier island Local Trust and Town of Gibsons. Thus the draft AIR should specifically refer to considering, gathering information about and identifying potential impacts on these areas. As with the Sustainable Economy VC, reference is made to Howe Sound area and this section could specifically reference the SCRD, Gambier Island Local Trust and Town of Gibsons areas;

e) Full range of potential impact of wake from Liquid Natural Gas (LNG) tankers on shoreline should be investigated in addition to potential heritage/archaeology impacts;

f) Public Meetings

During each public consultation period, a public meeting should be arranged in the Gibsons area;

g) Additional comments may be provided by the SCRD during the public consultation period for the draft AIR;

h) Issues of Public Safety, for example being in an earthquake zone, be addressed;

AND THAT the Environmental Assessment Office be requested to provide additional communication regarding public information meetings that will be held in Gibsons and area.

For your reference, the staff report titled "Woodfibre LNG – Environmental Assessment Working Group", dated May 13, 2014, is enclosed with this letter.

In addition to the SCRD comments on the dAIR as listed above, specific attention should be noted to the Board's request that the Environmental Assessment Office communicate with staff regarding future public information meetings held in Gibsons and area.

Should you have any questions regarding this matter, please contact David Rafael, Senior Planner, 604 885 6804 ext 4 or <u>david.rafael@scrd.ca</u>.

Page 3

Yours truly,

SUNSHINE COAST REGIONAL DISTRICT

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Garry Nohr SCRD Chair

Enclosure:

Staff Report 'Woodfibre LNG - Environmental Assessment Working Group", dated May 13, 2014

/ar

SCRD STAFF REPORT

DATE: May 13, 2014

TO: Corporate and Administrative Services – May 22, 2014

FROM: David Rafael, Senior Planner

RE: WOODFIBRE LNG – ENVIRONMENTAL ASSESSMENT WORKING GROUP

RECOMMENDATIONS

- 1. THAT the report dated May 13, 2014 and titled "Woodfibre LNG Environmental Assessment Working Group" be received;
- 2. AND THAT the SCRD Board forward the following comments to the BC Environmental Assessment Office for inclusion in the draft Application Information Requirements (AIR):
 - a) The list of Projects/Activities for Cumulative Assessment needs to include specific activities such as Camp Potlatch for consideration and reference should be made to proposed cumulative effects assessment study for Howe Sound and potential increase in emissions from alteration to Port Mellon compressor station should be identified for consideration;
 - b) Sustainable Economy Valued Components (VC):
 - There may be impacts/benefits for SCRD, Town of Gibsons and Islands Trust areas. Thus the draft AIR should make reference to SCRD and Islands Trust. Reference is made to the Howe Sound area being the regional area for the marine portion under the economy heading. This could be amended to refer the SCRD, Islands Trust (Gambier Island Local Trust specifically) and Town of Gibsons;
 - (ii) Commercial marine use is a significant sub-component and impacts on SCRD area (specific reference to Hillside Industrial area), Gambier Island Local Trust and the Town of Gibsons as areas that should also be noted for consideration/study;
 - (iii) There may be scope for other locations to provide workforce and other ports/docks could be used for worker/material transport. The draft AIR should include reference to considering/reviewing additional locations;
 - c) Marine Transport Valued Components:

The marine transport component notes the marine transport route. These are shared by vessels (commercial and recreational) that access the SCRD, Gambier Islands Local Trust and Town of Gibsons. Thus the draft AIR should specifically refer to considering, gather information about and identifying potential impacts on these areas. As with the Sustainable Economy VC, reference is made to Howe Sound area and this section could specifically reference the SCRD, Gambier Islands Local Trust and Town of Gibsons areas;

d) Full range of potential impact of wake from LNG tankers on shoreline should be investigated in addition to potential heritage/archaeology impacts;

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e) Public Meetings

During each public consultation period, a public meeting should be arranged in the Gibsons area;

- f) Additional comments may be provided by the SCRD during the public consultation period for the draft AIR;
- 3. AND FINALLY THAT the recommendations be forwarded to the SCRD Board meeting of May 22, 2014 to allow for formal comments to be included by the June 2, 2014 deadline.

BACKGROUND

The Woodfibre LNG project's environmental assessment (EA) is moving forward and the BC Environmental Assessment Office (EAO) has established a working group made up of representatives from local and senior governments and First Nations. SCRD staff attended a meeting was held on May 12, 2014 to consider a preliminary draft of the valued components report and the draft Application Information Requirements (AIR).

The draft documents are not available for public release at this stage as they are working drafts that will be amended based upon input from the working group. Once the drafts are amended and approved by the EAO a public consultation period will take place, normally for 30 days. This will focus on ensuring that the documents set out the full range of issues that the proponent needs to address in the application for the environmental certificate.

The SCRD will have an additional opportunity to provide feedback during the public consultation period and referrals can be made to the Area F Advisory Planning Commission (APC), Natural Resources Advisory Committee (NRAC), Hillside Industrial Park Owners and Tenants Association (HIPOTA), Town of Gibsons and Islands Trust.

The proponent and EAO have held discussions with and referred the preliminary drafts to First Nations, including the Squamish Nation. These draft AIR specifically refers to First Nation engagement.

After the public consultation period the proponent will need to review comments and either make changes to the documents or explain why no changes are needed. The EAO will then review the next draft and, if satisfied, approve it or direct the draft to be amended prior to approval. The proponent will then complete the required studies and gather required information and submit it to the EAO for review. The working group and public will have an opportunity to check that the AIR terms were met (test for completeness) and then a public review of the contents of the studies, information, conclusions will take place.

Again the proponent will have an opportunity to review and respond to comments received and if need additional information/studies may be required (possibly with additional public review). Once the EAO is satisfied the information is complete reports will be drafted by both the EAO and Canadian Environmental Assessment Agency staff for consideration by the respective provincial and Federal Ministers. The Ministers will review the reports and then make their decisions as to whether the environmental certificate is to be issued. Conditions may be attached to this decision. If the certificate is issued then the proponent needs to receive all permits required by the governments (such as building permits and provincial lease).

DISCUSSION

Valued Components (preliminary draft)

The draft notes that:

"Valued Components (VCs) are the basis of the environmental assessment (EA) framework used by the EAO. Their careful selection in a project promotes a comprehensive assessment of potential effects that are focused, understandable and accessible while making the most effective and efficient use of resources."

And further that:

"The selected VCs determine what will be assessed in the EA and inform baseline data collection and analysis. The selection of VCs considers the five pillars recommended by EAO for the EA including: environmental, economic, social, heritage, and health."

They are identified through review of available information about the area (e.g. literature, other studies/EAs) and preliminary consultation (including with First Nations, technical specialists and governments).

Each VC will identify sub components and indicators.

A list of potential VCs is drawn and then each is evaluated as to whether to include it in the final list. The following filters are used:

- **Regulatory importance** regulatory requirements. Agency input for VC selection is ongoing, and additional input is anticipated during the pre-Application phase;
- Aboriginal group considerations anticipated Aboriginal group interest. Aboriginal
 group input is ongoing and is not necessarily available to inform identification of the
 candidate VCs at this time;
- Conservation or scientific importance species and guild identification in federal or provincial databases or legislation; or
- Significance to other stakeholders, including local government based on professional experience and expressed through consultation programs.

The objective is to establish baselines against which the project effects can be measured, mitigation can be developed, significance of effects are determined and mitigation/compliance can be evaluated.

The draft list of VCs is:

- Air quality
- Climate change/greenhouse gas
- Vegetation
- Birds (including marine birds)
- Amphibians
- At risk bats
- Grizzly Bear
- Fish/fish habitat (including forage fish)
- Marine habitat
- Marine mammals
- Labour market
- Sustainable economy
- Infrastructure/community services
- Marine transport
- Land and resource use
- Visual quality

- Heritage resources
- Public health

Each of the above include additional detail. For example specific species such as Marbled Murrelet, are identified.

The draft also identifies Intermediate Components (IC) that will contribute to analysis of the VCs and this list is:

- Atmospheric sound
- Light
- Geomorphology/natural hazards
- Site contamination
- Surface water quality/quantity
- Marine water quality

SCRD staff consider that this is a comprehensive list of VC and IC and there are no obvious gaps.

Application Information Requirement (preliminary draft)

The draft AIR outlines what will be included in the application for the environmental certificate. The AIR does not include much data or analysis; it is mainly a set of headings that establish what the application will include. The following section headings are set out:

- Description of the EA process
- > Project details (location, history, description, required permits and benefits)
- > Alternative means of conducting the project
- Consultation (pre-application and that planned during the application review, including with First Nations
- Assessment of potential effects (including cumulative), mitigation, significant residual effects
- > List of VC and intermediate components (setting out rationale for inclusion)
- Spatial (local, regional study areas for each component) and temporal (construction, operation, decommissioning phases) boundaries
- List of current and proposed project/activities in the area includes Box Canyon IPP, Burnco Aggregates, McNair Creek IPP, Rainy River IPP, Aquilini Renewable Energy (Port Mellon Incinerator), BC Ferries, recreational boating, back country recreation. Staff note specific activities such as Camp Potlatch Boys and Girls Club camp should be added for consideration of cumulative effects. Reference should also be added to the proposed cumulative effects study for Howe Sound. Another aspect that should be considered is the potential impact of changes to the Port Mellon compressor station; while the new compressor is smaller, it is likely to be operated more frequently. Thus there may be an increase in emissions.

Each IC and VC will have its own section that will include most of the following headings:

- description of the component
- scoping and rationale
- spatial/temporal boundaries (where and during which phase will might there be impacts/studies)
- existing conditions
- potential impacts/interactions
- proposed mitigation
- study results
- proposed studies

- cumulative effects assessment
- conclusions

Sustainable Economy VC

Under the sustainable economic component, the draft does not identify the SCRD within the local or regional assessment areas. While the main economic impacts are likely to be felt within the District of Squamish and Squamish Lillooet Regional District, there may be impacts/benefits for SCRD and Islands Trust (specifically the Gambier Island Local Trust) areas. Thus the draft AIR should make reference to SCRD and Islands Trust. Reference is made to the Howe Sound area being the regional area for the marine portion under the economy heading; this could be amended to refer the SCRD and Islands Trust.

Commercial marine use is a significant sub-component and staff consider that impacts on Hillside, Gambier/Keats Islands and the Town of Gibsons should also be noted for consideration/study.

In the project description published in December 2013, the proponent noted that the workforce would be transported from the District of Squamish. Thus it is likely employment and economic spin-off would be focused in that area. Staff consider that there may be scope for other locations to provide workforce and other ports/docks could be used for worker/material transport. The draft AIR should include reference to considering/reviewing additional locations.

Marine Transport VC

The marine transport component notes the marine transport route. These are shared by vessels (commercial and recreational) that access the SCRD, Islands Trust and Town of Gibsons. Thus the draft AIR should specifically refer to the SCRD (with emphasis on Hillside area), Islands Trust, and Town of Gibsons as areas to consider, gather information about and identify potential impacts. As with the Sustainable Economy VC, reference is made to Howe Sound area and this could be expanded to identify the SCRD, Islands Trust and Town of Gibsons.

Wake from Tankers

The tanker route will primarily pass east of Anvil, Gambier and Bowen Islands and exit from the Sound via the Queen Charlotte Channel between Bowen and West Vancouver/Horseshoe Bay. An alternative exit is through the Collingwood Channel between Bowen and Keats Islands.

The tankers will produce wake and the draft AIR refers to investigating impact with respect to heritage sites on the shore along the route. There may be other impacts to the shoreline, such as geotechnical and to existing docks. Thus the draft AIR should refer to this and the need to gather additional information about potential impacts.

Public Meeting

SCRD staff will confirm if the draft AIR public consultation period will include public meetings. If so then the EAO will be requested to arrange one meeting within the Gibsons area. The draft AIR could note that during each public consultation period, if public meetings are required, then one should be held in the Gibsons area.

Working Group Meeting

Staff provided initial feedback based on the comments set out in this report and noted that the SCRD Board may provide a formal response by the June 2, 2014 deadline. It was also noted that the SCRD Board may provide additional comments during the public consultation period as this will allow for input from consultative bodies such as the Area F APC, NRAC and HIPOTA. The EAO was also requested to ensure that separate referrals are sent to the Town of Gibsons and the Islands Trust.

Draft SCRD Comments

Staff consider that the following comments could be sent by the SCRD Board to the EAO regarding the preliminary draft Application Information Requirements:

- a) The list of Projects/Activities for Cumulative Assessment needs to include specific activities such as Camp Potlatch for consideration and reference should be made to proposed cumulative effects assessment study for Howe Sound and potential increase in emissions from alteration to Port Mellon compressor station should be identified for consideration;
- b) Sustainable Economy Valued Components (VC):
 - (i) There may be impacts/benefits for SCRD, Town of Gibsons and Islands Trust areas. Thus the draft AIR should make reference to SCRD and Islands Trust. Reference is made to the Howe Sound area being the regional area for the marine portion under the economy heading. This could be amended to refer the SCRD, Islands Trust (Gambier Island Local Trust specifically) and Town of Gibsons;
 - Commercial marine use is a significant sub-component and impacts on SCRD area (specific reference to Hillside Industrial area), Gambier Island Local Trust and the Town of Gibsons as areas that should also be noted for consideration/study;
 - (iii) There may be scope for other locations to provide workforce and other ports/docks could be used for worker/material transport. The draft AIR should include reference to considering/reviewing additional locations;
- c) Marine Transport Valued Components:

The marine transport component notes the marine transport route. These are shared by vessels (commercial and recreational) that access the SCRD, Gambier Islands Local Trust and Town of Gibsons. Thus the draft AIR should specifically refer to considering, gather information about and identifying potential impacts on these areas. As with the Sustainable Economy VC, reference is made to Howe Sound area and this section could specifically reference the SCRD, Gambier Islands Local Trust and Town of Gibsons areas;

- d) Full range of potential impact of wake from LNG tankers on shoreline should be investigated in addition to potential heritage/archaeology impacts;
- e) Public Meetings

During each public consultation period, a public meeting should be arranged in the Gibsons area;

f) Additional comments may be provided by the SCRD during the public consultation period for the draft AIR;

In order to meet the June 2, 2014 deadline for comments from the working group, the recommendations need to be considered at the May 22, 2014 Board meeting. The public consultation period for the draft AIR is likely to take place this summer.

David Rafael, Senior Planner

Mayall, Jane EAO:EX

From: Sent: To: Cc: Subject: Smith, Alanya C EAO:EX Tuesday, July 22, 2014 3:41 PM Paulson, Amber EAO:EX; 'Byng Giraud'; 'Amanda Zinter' Mayall, Jane EAO:EX 30050-20/WLNG-05-06 unable to print attachment RE: Draft Agenda - July 23 meeting

Hello,

I've attached a draft schedule outlining the key next steps to finalize the AIR for discussion at our meeting tomorrow.

Please let us know if there are other items besides those listed below that you would like to discuss.

Thank you,

Alanya Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: 21/3 21/3 | Fax: (250) 387-2208



From: Paulson, Amber EAO:EX Sent: Monday, July 21, 2014 2:02 PM To: 'Byng Giraud'; 'Amanda Zinter' Cc: Smith, Alanya C EAO:EX; Mayall, Jane EAO:EX Subject: Draft Agenda - July 23 meeting

Hi Byng/Amanda:

Here is a proposed agenda for our two hour in-person meeting this Wednesday. Please have a look and see if you would like any changes/ additions.

Objective: Discuss timelines and deliverables involved with finalization of the AIR.

Meeting Agenda:

- 1. Project Schedule
- 2. Next steps towards finalizing the AIR

a. Outstanding Issues.

- ii. Groundwater
- iii. Bird species at risk Great Blue Heron & Marbled Murrelet

b. Final tracking table and new dAIR for distribution

- 3. First Nation Consultation
 - a. Aboriginal Consultation Plan/Report
 - b. Update Squamish Nation
- 4. Public Comments responses and process

Thanks,

Amber Paulson

Project Assessment Officer Environmental Assessment Office Tel: 250.387.2413 BB: <u>www.eao.gov.bc.ca</u>

draft AIR Finalization Work Plan (dates subject to change)

Created by Amber Paulson

DRAFT PROJECT SCHEDULE - Woodfibre LNG

Enter Project Name:	Woodfibre LNG	Today's Date:	(Target 6 5)	Last Date Updated:	2014-07-24		
Phase	Task/Deliverable	Responsibility	CEAA Clock	Notes	Start	End	Status
AIR	Public Comment Period	EAO	38-83	VC Selection et al.	12-Jun	27-Jul	In Progress
AIR	dAIR/VC FN comment TT w/ draft responses	WLNG			24-Jun	24-Jun	Complete
AIR	dAIR/VC WG comment TT w/ draft responses	WLNG			26-Jun	26-Jun	Complete
AIR	Guidance on dAIR/VC FN Comment TT	EAO		Call 02-Jun	27-Jun	ANALYSI PRODUCTION CONSTRUCTION	Complete
AIR	Guidance on dAIR/VC WG Comment TT	EAO ANNA ANA ANNA ANNA ANNA ANNA ANNA AN		Email July 15	14-Jul	15-Jul	Complete
AIR	dAIR/VC FN comment TT - Final responses	WLNG		2 weeks	27-Jun	16-Jul	Complete
AIR	dAIR/VC WG comment TT - Final responses	WLNG		1 week	16-Jul	28-Jul	
AIR	Draft #2 AIR - incorporating EAO/WG/FN/public feedback	WLNG			28-Jul	28-Jul	
AIR	WG/FN review of Draft #2 AIR and response TT	EAO		2 weeks	28-Jul	11-Aug	
FN	Aboriginal Consulation Plan	WLNG		Reasonable review period by FNs prior to submission to EAO	01-Sep	01-Sep	Strands die
				within 30 days of deadline for Aboriginal Group Comments on			
FN	Aboriginal Consultation Report #1	WLNG		dAIR (August 11)	10-Sep		
AIR - PCP	Responses to Public Comments	WLNG		2 weeks after close of PCP	27-Jul	11-Aug	
AIR - PCP	EAO review public comments and responses	EAO		2 week to review - post with final	11-Aug	22-Aug	
AIR - PCP	Public comment report #1	WLNG		30 days w/in close of PCP (july 27)	27-Aug	27-Aug	
AIR	dAIR #2 FN/WG comment TT w/ responses/ proposed changes to AIR (draft #3) in consideration of FN/WG/ Public Comments	WLNG		10 days	12-Aug	22-Aug	in sources north sources north sources
AIR	EAO/WLNG Working Meeting on TT responses - tentotive	WLNG/EAO		1 day	20-Aug		
AIR	EAO review TT responses and draft #3	EAO		10 days	23-Aug		
AIR	Meeting with WLNG to discuss 'final' AIR	EAO			05-Sep		
AIR	Submit formal request for AIR approval	WLNG		Note: this triggers CEAA clock	08-Sep		
AIR	Issuance of AIR	EAO	84		09-Sep	09-Sep	

Mayall, Jane EAO:EX

From:	Smith, Alanya C EAO:EX	
Sent:	Monday, July 21, 2014 4:40 PM	
То:	لا (Lara Taylor (Itaylor@hemmera.com);	Amanda Zinter'
Cc:	Paulson, Amber EAO:EX; Mayall, Jane	EAO:EX
Subject:	30050-20/WLNG-05-06	FW: Woodfibre LNG - HC guidance

FYI – some relevant material related to assessing impacts to Human Health. Please review and consider referencing in the draft AIR if you haven't already.

Thank you, Alanya

Alanya Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: 21'S 21'S | Fax: (250) 387-2208

From: Yota Hatziantoniou [mailto:yota.hatziantoniou@hc-sc.gc.ca] Sent: Monday, July 21, 2014 3:22 PM To: Smith, Alanya C EAO:EX Subject: Re: Woodfibre LNG - HC guidance

Hi Alanya,

For our Contaminated Site Division's latest guidance on HHRA, you can email <u>cs-sc@hc-sc.gc.ca</u>, and request the following suggested docs:

- Federal Contaminated Site Risk Assessment in Canada, Part I: Guidance on Human Health Preliminary Quantitative Risk Assessment
- Part V: Guidance on Human Health Detailed Quantitative Risk Assessment for Chemicals (DQRACHEM)
- Federal Contaminated Site Risk Assessment in Canada: Supplemental Guidance on Human Health Risk Assessment for Country Foods (HHRAFoods)

A description of these and other guidance documents may be found by following this link: <u>http://www.hc-sc.gc.ca/ewh-semt/contamsite/docs/index-eng.php#a1</u>

Also, here's the link to our general EA guidance doc "Useful Information for Environmental Assessments": <u>http://www.hc-sc.gc.ca/ewh-semt/pubs/eval/environ_assess-eval/index-eng.php</u>

Sincerely, Yota

Yota Hatziantoniou, BSc, MSc (Plan)

Regional Environmental Assessment Coordinator Health Canada / Government of Canada <u>yota.hatziantoniou@hc-sc.gc.ca</u> / Tel: 604-666-5720 Coordonnatrice régional de l'évaluation environnementale Santé Canada / Gouvernement du Canada <u>yota.hatziantoniou@hc-sc.gc.ca</u> / Tél: 604-666-5720

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EAO-2014-00066 Page 92

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Mayali, Jane EAO:EX

Smith, Alanya C EAO:EX Tuesday, July 15, 2014 9:52 PM 'byng giraud@wlng.ca': 'Amanda Zinter@wlng.ca' Paulson, Amber EAO:EX; Mayall, Jane EAO:EX; 'Itaylor@hemmera.com' 30050-20/WLNG-05-06 Subject: Woodfibre LNG - tracking table/ dAIR-Attachments: Copy of 140625_WoodfibreLNG WG TrackingTable- AP.xlsx

Hello,

From: Sent:

To:

Cc:

Please find attached the Working Group tracking table with EAO's comments. Most comments are requests for clarifications or to incorporate a specific change into the dAIR. I have also summarized below a few of the key topics for further follow-up that have emerged from Working Group and First Nations feedback on the first draft of the proposed Woodfibre LNG draft AIR.

Site Contamination IC – The Application must include study of potential contaminants of concern due to the industrial history of the site. It is unclear that Site Contamination would be appropriate as an IC. The information about site contamination needs to be considered as it relates to the context/ baseline data for soils and sediment and water quality. Please consider the following:

- The Application should include a description of site history, site contamination (identifying contaminants of concern) and certificate of compliance as context.
- Suggest renaming the "Site Contamination (IC)" to "Soils and Sediment (IC)"
 - The Soil and Sediment IC would include assessment of 1) terrestrial soils and 2) marine sediments. ο
 - Describe how the Soils and Sediment IC is expected to interact with other ICs/VCs such as surface water 0 quality and marine water quality, groundwater quality, and Human Health (provide pathway of effects to identify linkages)
 - Include baseline of the contaminants of concern under the existing conditions sub-heading 0
 - Compare existing baseline conditions to accepted guidelines and thresholds where available (e.g. water 0 quality guidelines)
 - Describe the potential interaction of the Project activities with contaminants of concern (e.g. the 0 potential mobilization of contaminants from disruption of soils during construction) and identify the potential effects for each IC/VC identified on the effects pathway with the Soils and Sediment IC.

Clarification of Effects Pathways and Linkages between ICs and VCs - Working Group members have expressed some confusion about the relationship between ICs and VCs and concerns about understanding what data/information will be provided for each IC and VC. Please consider the following:

- Include pathway of effects diagrams; •
- Use consistent language indicating linkages in the dAIR (see tracking table for more guidance);
- Identify in the AIR what technical data reports will be provided with the Application (in appendices) to support the review of ICs and VCs by technical working group members (see tracking table for more guidance).

<u>Species at risk</u> – Further discussion is required with FLNRO and CWS to determine which species at risk need to be assessed (i.e., spotted owl, northern goshawk, marbled murrelet and great blue heron). Please provide a rationale explaining which species at risk would be included in the assessment and which would not.

<u>Groundwater IC</u> - Please provide a rationale for whether groundwater should be included as an IC or not. In your rationale describe potential project effects and interactions with any receptor VCs or ICs that may interact with groundwater.

I understand that Lara and Amber will be going through each line of the table tomorrow and will raise any outstanding questions that we need to discuss further.

Please let us know when you think the next version of the dAIR and comment tracking table will be ready to provide to the Working Group and First Nations for a final review. I expect to provide it for about a 2 week review since it will be the second opportunity to provide comments. At our meeting next week we can discuss the potential timing and next steps for finalizing the AIR.

If there are any questions about our comments, Amber and I are available to discuss.

Thank you, Alanya

Alanya Smith |Project Assessment Manager| Environmental Assessment Office | Tel: (250) 387-2406 | BB: 21'S 21'S | Fax: (250) 387-2208

	te britted 2-Jor 14	110	Agoney/Affilia	draft VC relection or dAIR?	page number	Community is un Description/Second and Changes There are no building: identified to support Hirs Fighting / Associe /	Category/Unamp	SO OCT ON/dAL	Application Sevene and/or Permitting Recal/Amont? Permitting	Proteining Segula:	ZAOVAsststrantkeffinsoner Unrestend -reference page 149. las of 5479, including File haund and abstrament plan.	Proposent s Follow-up Responde/Action
		nussen inouye, Fire Chief			2.2.3- ¥20	The read of the buildings defaulted to support the anglishing / second / The leng services during the construction phase. Will this be addressed?				operation, and additional information regarding facilities and training will be included in the EAC application and in the Fire Mazard and Abatement Management Man to be included as	Unreadware - Reiordice page 2458 (as to (xMrs, inclusing Fire hazer and addresses park. Monor detail on "Ne supporting Infrastructure for energinery sandless, linking equipments and maker requirements, will be addressed prior to the start of constructure). If this is a requirement of a permit hylow indicate the responsible authority and the name of the permit bylow, new will the addressed?	
2	2-Jun-14	Russell Incuye, Fire Chief	Squarnish Fire Rescue	dair		Supporting infrastructure - Would the proponent owpand on the types of safety facilities and the cypes of structures? Will they have the ability to be safetypoperitive in the avent of an Earthquake for an extended perfod of time?		No	Permitting Requirement Local Bovernment	Plaza see the response to Commont #1. WUNG would be plazzed to meet directly with the Squamish fire Department to discuss further.	Unresolved - ploase indirated that W1NG has met with the Squanish Fife Department and will continue to concult with them ra: the emergency response plans,	
3	2 Jun-14	inouya, Fire Chief			P12	Will there be a hydrane system developed on site with engineered water flows to support firefighting and fire suppression operations?	Project Description	No	Permitting Requirement Local government and CSA	The hydrant system requirements will be assessed and developed to be Project-specific during the permitting process.		
4	2-Jun-14	Russeli Inauye, Fire Chiaf	Squamish Fire Roscue	dAIR	2,2,6,1 - p13	Will the ferry system/barge be capable of transporting vehicles up to 35,000kg and 13 meters in length if required?	Project Description	Na	Permitting Requirament Local government	Please see rasponse to Comment #1,	Unreached: "this response adoes not specifically address the comment, is the comment relates to the transportation of emorgancy response vehicle/life truck wis barge to the site? Unreached - plante indicated that WINKE has met with the Signamich Fire Department and will continue to consult with them re: the emergency response plans.	
5	30-May-14	(David	Sunshine Gast Regional District (SCRD)			In Bellerines should be mate of this proposed Powhead process hows a Sumathive left as Anaganet Frenework for Howe sound and potential Increase In emissions from alteration to Poet Molion compressor station should be identified for consideration;	Environmental Accessment Mathods	Yes		The SA Will Include a Project-related cumulative offects suscements accessing to provided and focked guidelines, in which eaher projects that may interact comulatively with Project-inalized related all fockets will be considered. The Eagle Mountain Gos Pipeline Project (in which the upgrades to the Port Niellon compressor station and being considered) was inadvertently omitted form Table 4-5 in the dAIR, and has now beam include.	Recolved to EAO's satisfaction, EAO bay (allowate up with Project Coordinator at MEI/NEO for a status update on the Cumulative Effects Framework for Howe Sound on July 10, 2004, This framework is only in the preliminary assigned of auribument and the province has net yet made a ducklain on whether to apply the framework for a regional-man assessment of Camulative affects for Howe Sound, writhermore, the Camulative Effects assistantin framework for Howe Sound is not applicable for province-based assessment's as opf ya much broader f occul lens to a umid site of fects. Resolved to EAO's cabicfaction – The Eagle Mount Gas Pipeline is now included in Table 4-5.	

Date:	May 27, 2014
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	Revision:

Contract Dr.	2009 5050015122 6 2-3un-24	Leedham, on behalf of MoE and MoH,	Agency/Attille	diale ve	Pg 39,	CommunV/Issue Description/Surgrasted Changes The Port Melion Pulp mill should be included in the assessment as an	Catagory/Thermal	changa toʻthu Kindi VC Yinli coʻn (d.V. Bi aquined? Yas	anglicatan Anglicatan Guntuwane (or Guntumating Regula month	Proposinit Resente Table 4-3 in the GMR has been edited to include the Port Molion Pulp Mil, We note that the adding hadihos are considered to be reflected in the adding conditions descriptions for each ICVC. The consultive effects assessment will consider proposed insciencially indicates with sufficient information.	2.0.2 ANTENENT CAREFORM Unvestived - From the EAD VC solection guide: "In BC, the association of cumulative affects for reviewable projects should consider other pest, praises and the folderal approach under the Canadian Intromemical Association with evolving best practice and the folderal approach under the Canadian Intromemical Association of the Calif. This is correctly referenced in the ABR facetion 4.8, Please correct the regramma as cumulative effects associations should include other pass, present and reasonably foreseeable facture projects, even if relating facilities are considered to be reflected in the estima conditions descriptions for each K/VC. Resolved to EAO's satisfaction - Howe Sound Pulp and Paper Corporation has been added to Table 4-5.	Novemul Follower Steesky/Asto
-	7 30-May-1	(David	Sunshine Coast Regional District (SCRD)			Pi The jist of Projects/Activities for Cumulative Effects Assessment Recess to include specific activities from existing establishments such as Camp Potlatch for consideration;		No		Existing conditions i marine activities are addressed in the existing conditions section as a component of the Marine Outdoor Recraniton subcomponent in the Land and Resource up or VC (Section 2.1) Martine activities undertaken at Camp Poteitch such as keyeking and canceling will be included in this section.	Randoved to EAO's sadification	
	8 2-Jun-1-	Leedham, on bohaif of MoE and MoH, Manager, Operations	Environment- Environmental Protection, Oli & Gas/INS Taam			where the residual effects from the Project could interact spatially and temporally with the <u>sogn</u> reductation effects from other (inhanhed Projects, This statement samm is a dollne the scope too narrowly effects on VC and you be substantial despile not being the <u>some</u> mechanism. Propose leaving "same" out. JF	Assessment Methods	Ng	Application Review	It will be considered in the cumulative effects assessment. For sample, if throu is ancidual effect to water quality (e.e. rurbisking) from logging particities, and a recisival effect to burbishing from Pageira extravation activities, the sumulative effect will be considered.	Unreactively - please refer to the EAO VC selection guida, for addisional information on the requirement/need for cumulative effects assessments: "It is necessary to concluse predicator radius of fields of the reviewable project to determine whether any cumulative interaction with the residual effects of other projects and activators is consistent likely to occur." Required update section 4.6.1.0 file dAIR to conform to the above statement: "Cumulative effects will be assessed for each assessment discipline VC and/or sub-component in which the predicator residual effects from the Polycit are likely to Interact sousially and temporally with the sense realiable effects from the Polycit are likely to Interact sousially and temporally which the predicate discipline for other definition strongers." Consider adding the following toxit from the VC selection guideline to provide further clority: When determining the requirement to conduct a cumulative effects assessment the following guestions will be concidented: "Would the residual effect from the VC selection guideline to provide further clority: When determining the requirement to conduct a cumulative effects assessment the following guestions will be concidented: "Would the residual effect of the project result in a measurable donge in the terminative effects? If not, a detailed cumulative effects assessment way not be warranted, • Visite the control of the project subarrantee's during of the camacteristics. of is the VC another visite for the project subarrantee's the project subarrantee, • a detailed cumulative effects assessment may be warranted. • Is the VC another to contracters the requirement diverse effect may be completed to the project assessment may be warranted. • Is the VC another diversity advisors by If there there and existings? If s a detailed cumulative effects assessment may be warranted. • Is the VC another to contracters assessment may be warranted. • Is the VC another to additional diverse bits c	
	9 7-May-1	Davies,	Ministry of Forsts, Lands and Natural Resource Dependions (INFLNRO) - South Coast- Authorization S	dAIR	2.7 page 19 -	Concernent Permitting The 2013 Project Description, page 60 has: WNG, anudeates applying for concurrent permitting, under 8C's Concurrent Approval Regulation, for the following provination parmits and lences: ING Facility Permit (BC 00 and Gas Activities Act): Water Lucnec (BC Water Act); and Water Lucnec (BC Water Act); and White the May 5, 2014, version 2.0, page 19, dAR has White the May 5, 2014, version 2.0, page 19, dAR has The Propensit Spuring synchronized permitting (BC Rep. 371/2002). The Proponent Spuring synchronized permitting with the BC 0/I and Gas Commission (GGC). Noted for change in permitting process.	Applicable Permits	No	Permitting Raguirement OGC	WUNG selectivelegis: the comment and continue that aynchronized permitting with the OGC will be pursued.	Received to EAO's satisfaction	

Comment DJ	Dave Submittad	Subretter nameset 106	in the second	solaction or div <mark>ific</mark>	Ralevant Getloh and page number	Dotiment/ Save Depetigibal/Sar Issied Charges	⊖wgory/Thuma	Change to the draft VC selection/d/L B CCCulred?	Application Anna wy und/or Permissing Ragu/unters2	Propostini a Russinia	ExoSpectations and to Pressone	roponen (i Follow- j Reponen (i Follow- j
20	25-Ma+14		Health Canada (HC)		Table:5-1: ((pg: 46)	With Insect to assesing law (Inspandy mole (Whatlon), IC augesta with the Propendic reference guidance from the American National Sandards (Institute (Asia), 2005;	Atmospheric Sound	yes	Application Review, Permitting Requirement OGC and Worksafe BC		Unresoluted - please follow-up with Health Canada for necessary changes to the dAll to include the assessment of low frequency noise (vibration) and the required mathodologies.	
	691-200	Coordinato					2000 (1997) 2010 (2019)					
11	90-May-14	DeGagne, Land &	FLNR - Sea to Sky Natural Resource District		\$ \$.4.3, Table 5.3 \$12, 513		Natural Hazords (also Land and Resource	Yos .		White Setwandedges this comments and confirms life: the nuk for freek three Walfellers be caused by the Project will be specifically addressed in Sacking 11 (addicits and Malijuncitand) and mitigation measures will be implemented as warmated, the potential for wildness to affect the Project will be considered in Saction 12 (Effects of the Environment on the Project). The built in Saction 12 (Effects of the Environment on the Project) that been mended to read "The, including wildness" At this time, it is not anticipated that Crever land will be regulated for first-rasks or other fire-Aghting-related activities.	Resolved to BAO's sotisfaction, changes reflected in the dAIR	
						Section 7.4, as wildline is finked to Land and Aceutrice Use (controlled whitm may be used as a tool for exception restantint on c.g. /msorthed fmc ¹ and is managed in FLW jurisdistion at the Sab to Sab District level. Mone in Admass are regularized (Sabored by a more detailed assessment), Kentify which ler/how much Crown forsts may be impacted/cleared.		· · ·				
						In the development of an EMP for "Yire haard and Abatement", proponent should consult with Sea to Sky Natural Roscurse District (Iland & Roscurse Speciality, Protection Officer) to ensure expectations are clare, adhievable, and supported by the regional The centre who would respond to even of wildfing.				conducted, Detailed amergency rasponse plans will be developed at the permitting phase for the Project.	Unreached 's this a permitting taple or would consultation with KIM be valuntary? This is important to EAD, because if volumency a Condition of Contributing may be required. If it is a permitting requirement please identify the responsible agency les).	
12	30-May-2	DoGagne, Land &	FLNR - Sea to Sky Natural Resource District	Project Description	4,1,1	Griffly notics vegatation elements and firshoreks likely required. Inducts a detailed assessment of firsh types or specific management practices to reduce widthfirm risk. The size is sky Landscape Fire Management, Plan (2014) indicates the the area is which maderisk fire has too, in the observe of LNG Infrastructure. This risk size will likely become deviate to high or reframe which has observed first size indicated, scalasted with the LNG Baltities are indicated.	Geomarphology and Natural Hazards, Environmental and Operational Environmental Management Plans	YO No	Application Review	The Application will provide a comprehensive fits and astabild descriptions of the approach and construct of the proposed environmental management plans (EMPs), which will include an RMP for Fire Have and a Abastement - The RMPs will include Identification of the mitigation measures.		
						-					Environmental Management plane to be listed and expected to indicide the following	
13	30-May-1	(David Rafael, Senior Planner)	Sunshine Coast Regiona District	dArR		h) losues of Public Safety, for axample being in sh earthquaka zona, ba addressed:	Natural Həzərds		Application Review	Section 122 [Effects of the Envaronment on the Project] identifies the environmental factor advenced to have a potential affect on the Project, and WLNG confirms that this section will include orthquarks. This action will include the diffect and/or consequences that may result from such an event and metauras that are in place to minimize the effects.	Section 12 Effects of the Environment on the Project +- • Natural seismic events, such as carthquakos, and associated effects, such as seiches, liquefaction, assistence, and sumands	
14	2-Jan-1	Leadham, an behalf of MoE and	Ministry of Environmente Environmenta Protection, OF & Gas/UNG Team	-	P _B , 51	Table 5-9 Propased study parameters (in geomorphology and natural) hazards. This table should also induce the potential charges to baseline 8. study/parameters for the remote) of site overburden for site construction. The badry parameters would be geochemistry and disposal options. JF		Yes No	Application Review	Relevant site construction and Project byout dovelopment point will berviewed and assessed for the potential effects of the proposed development on the geomorphological and natural hazafi zameters. This will include general discussions, on potential charges to ternin-relativa attributes that may be affected dwing the site preparation, construction, operation, and discommissioning phases of the Project. Undeges of the genomiphology and mutual bazard satescenen to geochemical parameters will be identified and comment provided.	needs to reflect this commitment.	

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		i n	Comment								
mmant Data	Subritter Same and	Agency/Affilia	relevent to draft VC selection or de 117	Reluvant socilon und page numbe:	Semmunt/Jase Disciption/Surgested Chines	Cataraty/Thome	Change to the draft VC soliest on / d/ B recured?	Application Autometer Permitting Recultament?	Protocological Designer	EAS & Astronomital Revenue	Proparen Sa Fallow-un Respond/Artian
15 26-May-1	14 Yota Hatziantoni ou, Regional Environme ntal	Health Canada		Tabio 2 (pg. 15)	WC advises EAO that the "Site Contamination" Intermediate component also provide a summery of any studies that may relate to country foods contamination, if applicable.	Site Contamination/ Public Health	Yes No	Application Review	WLNG confirms that country foods will be addressed within the Public Health VC.	Servesolves - changes to the GAIR required. Section 3.7.1 Sile contamination Scoping and Hationale —because there is potential pathway for distrubance and mobilization of historical contamination during constructions antikulties and Fact its and VCS, including water quality and fractweiser (ish-ana-	
	Assessmen t Coordinato r									fich habitat, and human hasitat Section 5.7.3 Study Results The Application will consider project-related changes to the Site Contamination (solis and relationary) (ca decimale in Section 4.0 Environmental Assessment Workhods II applicable, studies	
										related to consumination of country foods will be cross-referenced in Section 9: Assessment of Patential Health Effect Is is instidying that that the site contamination and/or human health data be included in a technical report/appendix?	
26 25-Way-1	L4 Yota Katziantoni ou, Regionat Environme ntai Assessmen t Coordinato F	Health Canada		(pg. 33), section	For the "Site Contamination" intermediate component, HC suggests that a statement of the two the RAA is the same as the LAA. If there is any operation for the migration of contaminants beyond the Woodfilere property, HC suggests that a larger RAA be considered.	Site Contomination	Yos Na	Appilcauan Review	Contamination is localized to the site and to obtain a COC, the remediation must demonstruct that contaminants are not continuing to discharge into aquatic environments and that existing contaminants fait in situ and remediated to tisk-based samdard's will not in future to re-emobilized.	Indicate that biological and chemical contaminants of potential concern will be assessed in the marine quality (C and cross-referenced to Interacency VCs. Soction 5.7.2.2 Spatial Boundaries Local Assessment Areas-Tite WoodBite - Property-The Project Area (make sure this is define above, or else provide a definition of the area). Regional Assessment Areas-Same as the LAA. Wastern Forest Products (WFP) has committed to obtaining as CM De Certificate of Complement (PC) and the areaster of the property to the Assessment Areas-Provide a set of the AA.	
	L4 Kella	Menistry of	vc	Annendix	Silc contamination should be a VC, not an IC, There are applicable	Site Contamination	vei	Application		WLNG. In order to obtain a DCc, the remediation must demonstrate that contaminants are not continuing to discharge infor acquires environmenta and the scienting contaminants left in situ and remediated to risk-based standards will not in future be re-mobilized.	-
17 2-506-1	Leedham, on behalf of MoE and	Aniacry of Environment- Environmental Protection, Oli & Gas/LNG Team		A pg. 1	Silo contraintistico spoulo pe a vc., not an vc., inare are applicable regulations and guidelines for menanging contraintivets silve in BC. The Conterminated Stess Regulation, associated said standards and applicable CCC conditions will be opticable for this sito. The disturbance of conterminated scale and the potential environmental effects will have to the assossed, 3F	Site Contaministion	yes No	Appication Raview	On tracter of the fee simple property to WUKG from Western Freet Products WUKG will be repaired for the formation implementation of the requirements of the CDC and construction and operation of the Project will comply with the CDC. As indicated in the VC Selection methodology, selected VCs	Unreacipes - changes to the balk requires - (some as #19) Section 5.7.1 Site Contamination (Soll: and Sediments) Scoping and Rationalo (end of second paragraph)	
	Operations								An indicated to be VL solecologic Histological policities VL hand fload for the secondaria to consider component to that are offer gildance not already provided by government regulators for gildance not already provided by government regulators patients for for incursions resulting in changes to the start of construction, site constraints in conditions an IL. The patients for incursion resulting in changes to the its ord considered by the COC, and mitigation if necessary, with be incuded in the Coccine. Further, Audu thorn be a potential for residual effects as a result of Project activities, the potential receptor VC.	(ene or statum) paragraphi — MMC regulation and guidances. A fully comprohensive technical report, including a detailed scalpic of potential changes to calls and actionets including potential generation of particulate scalpic of potential changes to calls and actionets including potential generation of particulate matter disturbances and widd-blow durity with reference to applicable to the site, will be (appended to the Application / Includes in this section).	
18 7-Jun-	14 Kimburly Needham, Director of Plonning and Osvelapme nt Services	Squamish- Ulliopet Regional District	1	Environme ntal Pillar (Appendix A)	The spatial scope of the impacts of LNG goes beyond the citic of the proposed facility. The study area should take into consideration all of life, especially where the resource is being diffield and the and where the pipelines that transport this resource are located.	Site Contamination (Groundwater Quality)	yes No	Application Review	The limits for the assosament of the scope of the Project are autilized in the Section 11 Order, Part 8 - Scope of the Proposed Project: 2.3 The following activities are not part of the proposed reviewable project for the purposes of the assosament: 2.3.3 The tagle explorition and productions activities: 7.3.2 The folge explorition and productions activities: 7.3.2 The folge explorition for any activities in the Project - north of cautions in the Support of an order from the Environment J Assessment Office issues to provide The Control of the Support of the Support of the Support for Support 2.2 The Support of the Support of the Support for the Support of the Support of the Support of the Support for the Support of the Support of the Support of the Support for the Support of the Support of the Support of the Support for the Support of the Support of the Support of the Support for the Support of the Support of the Support of the Support for the Support of the Support of the Support of the Support of the Support for the Support of the Support of the Support of the Support of the Support for the Support of the Support of the Support of the Support of the Support for the Support of the Suppo	Repolved to EAD's selfsfaction - out of scope of the EA	
									As indicated above, the pipeline that will transport natural gas to the proposed Wood/Ibre facility is being assessed as a separate project, Similarly, natural gas extraction projects are assessed separately.		
									Cumulative offects will be assussed for each assessment discipline where the radius of facts from the Project could interact capitality and tongonally with the same radiual of facts. From other isosoffa Projects. Table 4-5 In the dAR identifies the proimtrary list of projects and activities that will be considered in the cumulative offects assessment. The Gard Meetahin - WoodTare Pipeline Project has been added to Table 4-5.		
							1	-			

Continents Tota 19	2411 Sibinitad Zdun-14	Leedham, on behalf of MoE and		dalk	Pg 51, Soction 5,5	CommonV/ and Despiration/Structure Office Co an quality should be light as an enginent, Soil disturbance, especially during construction, will omit or allow to emit containnated soil into the in. The proposate should quality the mass of particulate matter and dustributions and wind-blown dust and the mass of any components in the containnaision that may affect the environment. WM	Storaty/Roma.	change society aver Vic Jalestian (ZA) Arcsalied? Ves	Application Application Applications Application Review	Piocennic RESOLUT W.N.G. will adhere to the conditions of the COC, which we analogoe will address concerns for contaminants in surface solid and management regularements a work or minimize potential air emissions from surface solid.	EXDOVATIONMENCATIONTERIO Unrealized -changes to the dAIR required same as #175 Section 5.7.1 Site Contamination Scoping and Rationale (and of second paragraph) 	rfrjansen i rolloverju Serendr/Action
36	2-Jun-14	Leedham, on behalf of NoE and MOH, Manager, Operations	Environment- Environmental Protection, Oil & Gas/UNG			paramettors should also include contamination levels in aquatic bioro. JF	Site Contamination	Yes	Application Reviaw	contaminants of patiential concern. Societon 13, 13 Presilvator fish and High Hobitet. Tablio 5-13 Potential Jakvers Effects and Proposed Indicators for Freekwater Fish and Fish Hobitet Subcomponents: Includer states fich, and anadromous fish, and Indicators Will Include fish health and water quality. Section 1, 54 Marine Banchic Habitat, Tablio 5-16 Potential Advance Briets and Propaged Indicators for the Marine Benchic Habitas VC This Bible Includes marine colineer and marine benthe habitat as subcomponents, with specialized indicators including concentration of metals, concentration of hydrocarbons and other pollutants	The Application will consider potential Project-violated changes to the Site Contamination IC (solis and sedimenti) as described in Section 4.0 Environmental Associament Nethods, information interaction site commitmaine (solid and segments) will be creas-referenced to other ICE/VCA as Section 5.3 Aurophonic Quality, if applicable; Section 5.3 Surface Water Quality; Sociam 5.13 Section Netter Quality; Sociam 5.13 Section Section (Solid); Sociam 5.13 Section Section (Solid); Sociam 5.13 Section Section (Solid); Sociam 5.13 Section Section (Solid); Other Marine Resource section; (Fish Health; Other Marine Resource section; (Fish, birds or mammale; etc) as applicable; Sociam 9.13 Ammality and Joint Any other sections as required (I.a., Groundwater Quality). If I is antidepased that site cantamination; data be included in a sechnical report(s)/appendix[ies), arovide a starbent of commitment in the dARR, including a fist of tactinical reports to be included, if applicable.	
21	26-May-1	A Yota Hatzlantoni ou, Ragionał Envitoarog ntał Assessmen t Coordinato r	Health Canada	dair	(pg. 15) & dAIR: Table	>AC deficite SLAD the parameters' for the "Surface Water Quality" intermediate comparation to include any organic and incompanic contaminants of potential concern, if these have been identified in previous constantianed situs studies for the Woodfilter prevent, with would profer that this soliditional information be considered if there are any recreational or ornking water uses on/near the project site.	Surface Water Quality	Yes	Appl/Gabon Review	inequirgements. The Project is located on fee simple land with no plans for rightmater recreation within the Preject ana. WING is currently planning to construct a sufface water intake on Mill Creck, which may be used for potable water. Any potable water would be treated to meet applicable dinking water standards.	Table 5-7, Under "Parameters". Indiudo: any organic and inorganic contaminants of potential concern, if there have been identified in provides: contaminated sites studies for the Woodfiber property, in the event that recreational or	
22		Leadham, on belialf of MoE and MoH, Manager, Operations	Environmenta Environmenta Protection, OL & Gas/LNG Team	GAIR		Other works quarkprost finduding pir 1535, 755, streiddly, "dicher der gen, hyperachibron, ammenni, nityto, finito, trait metals, major antons and caloria, historial contaminuanti that may be alfeated by the Project needs to be induded in this assessment, a particulity, in or- the only parameter that could be alfested by this development, (La gis 1' them is goostati alaktive, or (nitybashees and mohalisation of historical contamination during construction activities to alfest ICI and V., houlding user quality and intervisor (fishmater and mohalisation, fish appropriate parameters will neutre evoluation.) JF	Surface Water Quality Water Quality	Yes	Appl(cation Review	providuo gate contaministro will be presented in Section 5.3 Site Comministor, and II present managed through the CDC requirements. Potential pathways for disturbance of ouchrap commission from Project activations, not antilegation provided for identified pathways, in this section, and mitigation provided for identified pathways. The tax is in the surface water quality section has been revised for identifies.	Unresolved - Changes to the CAIR required - See above [#21] Section 5.6.3 Study Results [last servience of last paragraph) The specific parameters used to assess the potential effects will be selected based on existing regulatory services (Supy Parameters, white chemistry, benchie invertebrates, etc.), Table 5-9 Proposed Study Parameters for Surface Water Quality (under Parameters) physics, Tols, turbitity, dissolved awgeen, hydrocarbons, ammonia, nitrake, nitrites, total metals, major tables a rational why each of these parameters will not be effected by the project/does not mease to be inducted in the assessment). Unresolved - Changes to the dAIR Required -	
	3 2-jun-1	Leedham, on behalf	Ministry of Environments Protection, Gi & Gas/LNG Toorn		Pg, 82	Table 5-15 Potential acverse offects and proposed Indicators for Trable 5-15 Potential acverse offects and proposed Indicators for Common test and But habitant—United gualer notes to be a VC (see common test soluce), other valer auslike parameters (Induding pH, 156, Indicators) and account of the only parameters in initiate, initirity, total metale, major andies and actions, liketonal contaminants interaction by the decelopment (like page). There is potential pathway for disturbance and mebilipation of Interfaced accounterination during (redundance and mebilipation of Interfaced accounterination during (redundance (ish and (ish habitat," Site appropriate parameters will require evaluation.) (F	woor (guanty, Footwater Fish and Fish Habitat	No	Review	Water guidity parameters to constraintants as concern term preduce site containtantion will be retented in Satisti S. 7 Site Containtaidon, and larging and through the CQC equiverents. You and the statistical statistical containts containtation from Project activities, that are not considered containtation from Project activities, that are not considered multipleating provided for identified pathworps. The effocus of Project-related changes to water quality on neceptor VCS will be assessed in the respective VC section.		

Comments Dif	Dute Submitted	Submitter name and tite	Agancy/Afilla	Comment relevant to draft VC select on or daut?	Rulevent section and page number	Communi, Issa Description/Seguratic Changes	Callingory/Theme	Change to the druct VC selection/d/U 8 required?	Application Bruitwand/or Permitting Requirement	Properties Response	20 Manuary Charger	Propensitio followsup Regionav/Action
24	2-Jun-14	Kell e Leodham, an bohalf of MG4, Manager, Operations	Minitary of Environmental Environmental Protection, DI & Gar/ING Team	vc	Appendix A, yg. 2		Water Guality Gurlace and groundwater)	Yes Na	Application Review	The EA will present surface water quality as an CLa it is a consideration or that accussment of recompart VCs, including freehwater fish and fish babats, The potential changes to water quality, as not dot the common, will be fully considered in the surface water quality and marke water quality suctions. The following response provide contexts of the consideration of the built points (1) to (1): (3) surface water quality there will be no discharge to surface water as a part of the Project. Process water, water water and atom water will be tradies of discharge for write (including exploration). The surface of the semitimity process is that the OGC will be use the Vater Discharge formits (including all emissions, affluent discharges, and refuse disposal). Will be an or sean the draft Site-Specific Water Charity Objectives for reave sized. Would the MOE be able to provide the draft corpy?	Unresolved - Changes to the dAIR Required - (ii) Section 5.8.1 Surface Water Quality Scoping and Rationale (end of second paragraph)uhuman health, A fully comprehensive tachnical report, including a detailed analysis of potential m_uhuman health, A fully comprehensive tachnical report, including a detailed analysis of potential m_uhuman health, A fully comprehensive tachnical report, including a detailed analysis of potential m_uhuman health, A fully comprehensive tachnical report, including a detailed analysis of potential the Application will include a description of logislation, guidelines (including the draft Site-Specific Water Quality Objectives dovalpade for Kowe Sound), BAPs, ong guidance documents that are reveivent to the management of the Surface Water Quality (C. Section 5.8.3 Soudy Results (jats sentence of last paragraph) The specific parameters used to assors the potential effects will be safected based on existing regulatory canadera's (e.g., remperature, water chemicary, benduic inversibilities, ctc.). U) Unrecolived - Changes to the dAIR Required - Material Quality - Surface and Groundwater (C).	
						(ii) Andification Effects (polential affact if alectric drive in nat used) Haldmain Project may have all emissions of addiving compounds that -Project Effacts: Additaction is a subsophication for freadwater (frivars, -Project Effacts: Additaction is a subsophication for freadwater (frivars, -Mazaman dei Jascie Schleich auss: modeling and mapping (water -Aminitary Including Base additors, priv, addity, Silaminy, AAC) - Mazaman dei Jascie Base additors, priv, addity, Silaminy, AAC) - Mazaman dei Jascie Base additors, priv, addity, Silaminy, AAC) - Project Effects: Encluding and emission of the subsolution -Project Effects Encorption al identification of user bodits. -Project Effects Encorption al identification of user bodits.				· · · · · · · · · · · · · · · · · · ·	d', though the environmental assessment and/or or banges to project design, intraction of project activities and provendwater quality is destinized, the information will be neared in a fully comparteneuve technical report. Including a detailed analysis of the change to levels of potonola combanisment of conterm. The Application will include an assessment of potonola inguinterna silverter effects on any receptor VCs that may instruct with groundwater suality. If, an assessment of groundwater quality is not warranded (Jau, barne is no instruction with Project effects) a detailed rationale will be provided in the Application. (II) and (iv) - Resolved to EAO's satisfaction.	
25	2-Jun-14	Kelite Leedham, on behalf of MeE are MoH, Manager, Operations	Ministry of Environmente Environmente Protection, Of & Box/LNG Team	vc	Appendix A, pg. 2	Surface Water gualacy ((reatwater & manne) should be VCs (rationale arevided in memo to the EAO). JF	Surface Water Catally, Marina Water Catally	Yes No	Application Review	WING agrees that water quality is a critical resource that fits a number of the attributes of X-C, "Intermadiate components (ICC) are components of a larger effects analysis, for a related or more appropriate VC	(same as above)	
										and processhed in Sacchen 5.8, and potential change to water radiatory as a result of Project activities will be reviewed in radiator to regulatory thrankalis for VC receiptors. If the potential for a change is identified, the potential for a rediatal effect will be assessed in the saction for the VC receiptor with the water cavity thresholds for that receiptor. I diotified VC receiptors for surface water quality include amplificant, relativity of the policity and the saction and the hash. There are in discharges to surface water, and a potential patiential of the same state of the same state of the policity of the policity and the same state of the same relativity of the policity and fee same state same state in an agement practices for oresten provention and sediment the Construction Environmental Management Ran, unser the quality parameters suscelated with activities of the trany cause estimentation. In addition, potential accidents and maliumization constrain suscellated with activities of the trany quality parameters in the second model accidents and maliumization schedin 1 (Accident and Malinettore),		-
	1									Marine water quality: Bacilie e viormation on moriee water guality will be presented in Secton 3.12, and potential changes to marine water quality os a roquit of Project activities will be reviewed in residon to the regula by threspondie for V: creegons. If the potential for a residua differi is identified, the potential residual effect will be seess all of the section for the VC creegons. Identified VC receptors of quality thresholds for that exceptor. Identified VC receptors du financie water quality include fectivation: (Identified VC receptors the marine water quality include fectivation: (Identified VC receptors du for a dotter fish and other fish (marine), marine birds and marine mammale.		

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Comment, DJJ	Dava Submitted	Sabin trar name and tilla	Agency/Afill 1 Uan	Comment releventio dreft VC velacion or dAND	Solevant, socilas and sumber	Community Laure Description/Servicities Chinago	Caluzory/Thamp:	Change to the draft VC tolection/2N B toquired?	Application Review and/or Permitting Regularments	And Science Stream in the second stream in the second stream in the second stream is a second stream in the second stream is the second stream is the second stream is the second of the Science Stream is the second stream is the second of the Science Stream is the second stream is the second of the Science Stream is the second stream is the sec	540° Asiyoman etilanoo	Proponenta Follow-up Response/Action
		-		-						eracian prevantian not settiment control. If there are anticipated realized affects to the receiptor VKs after mitippion measures are applied, they will be included in the relevant environmental management plans. In addition, potential additents and majoritorian site tarvay fact manne water quality will be addressed in Section 11 Seccients and Malfunction).		
26	2-Jun-14	of MoE and	Ministry of Environment- Environmental Protection, Oli & Gas/LNG Team	CAIR	Pg. 25		Surface Water Quality, Moring Water Quality	Yes No	Application Review	Plaase see response to Comment #25.	See comment #25	-
27	2-Jun-14	Leedbarn, on behalf of MoE and MoH,	Ministry of Environmenta Environmental Protection, Oli & Gos/LNG Team	dAIR		This anticipated that the Project will use an existing permitted workinwater traditional synthesis will be replaced during extensions and the project will be replaced during Reputation any be precisively for sweppe treasmont efficient. If the currant cappely houses the juma that to 05 at the existing permitted facility, according to be project details, it appears that a watch discharge permit to be project details, it appears that a watch form conclusion to be ended to 05 at the existing form of conclusions between the town that a watch discharge ownit to be ended to be necessary, housing baseline form on owner until to and advectations of the predicted effluent discharge, will be orbical factors for 6C MoE to conduct an assessment of the project information and subsequently septors iscuing a weste discharge permit JP	Surface Water Quality	Yes No	Permitting Raquirement OGC	VILVES will abbain the required permits pending issuance of an EA certificate, Issueline information on water guilty will be presented in Success B, Preliniony, Information on revised disdarges will be proceeded as a component of the Project Description in Section 2.2.5. Please note that there will be no discharges to frosh water. Please note that there will be no discharge to from the Project will be handled by OEC.	Resolved to EAO's satisfaction.	
28	2-Jun-14	Leedham, on behalf of MoE and	Ministry of Environment- Environmental Pretection, Oli & Gos/LNG Team	dar .		Morine contaminant levels in the study area, size needs to be inducted. What field surveys are planned for this assessment? The MoR has urmafy achieve strangedie water guargine objective to protect and manage water cuality in the Howe Sound watershed, in the future, these objectives would be applicable for this area. JF	Water Quality	Yes No	Application Review	Marine contaminants as a result of previous industrial activity are summitted in Section 5.7 [Site Centamination], and will be addressed through the requirements of the COC. Marina water quality 4 addressed in Sactian 5.30. Where applies the, the studies will provide cross-reference to the surface and reputator fith and fich balancy, and gwith the surface water quality section of the EAC application.	Unresolved - changes to the dAiR required Suggest ranaming "Site Contamination IC' to 'Soil and Sadiments IC' Table 5-7, Under "Parameters, include: any organic fail inorganic contaminants of potential concern, if these have been identified in previous contaminated sites studies for the WoodTibre property, in the event that recreational or dinking worth energinates the project all was identified. Saction 5.10.3 Marine Water Quality Scoping and Rationale (and of first surgersph) —forage fish, and other Bih), A fully comprehensive technical report, including a detailed analysis of patential changes to marine water quality. Will be appendent to the Application. Provide more information on planned studies for MaE as requested. Will the assessment include potential impacts on marine water quality from mobilization of legacy contaminants' on the ship entity Whith the Project rate? If yes: Update the dAiR to include the required information, if no; provide rationalo.	
29	7-May-14	James Davies, Regional Hydrologist	MELING South Coast - Authorization		Water – Quantity, Tabla 2, page 15	Soveral Work Licence are appurenant to DI 2351, the location of the proposed project. As of Kwy 2, 2014, our water Klenning system shows these water licences are hold by Western Forest Products ine, for industrial (pulp mill) and Waterpower purpose. The December 2013 WoodBhro LNG Project Description does not explain that the water licence has intrutions of stratoristicing all, or part, or none, of his water rights to WoodBhre LNG. However, the dAR (pulp explain that the water licence has intrutions of stratoristicing all, or part, or none, of his water rights to WoodBhre LNG. However, the dAR (pulp in Section 3.3 of the December 2023 Frequencies and whether this means all, or part, of the current water licences. Western Forset Products inc. are not Itatica in Table 102 as Stakholder in Becelon 3.0 of the December 2023 Frequencies (Licences, Lice noted that Watern Forset Products ling. are not Itatica in Table 102 as a Stakholder into the YM excerting ling. Joint and agreement for the cale of its former. WoodBirc Pulp Mill table. These types of amendments water licences, or the Braidmoner. These amendments water licences, are water location water under the scalar licence and have any 2023, anying that they had excerted line a conditional greement be the 2351 are not under amendments.	Quantity	Yez	Permiting Requirement OGC	We enderstand that the existing worker learness will be transferred from Voters fromes freedows upon transfor of thu appartements low parcels to WLNG. WLNG will update the likeness as needed with OGC, as part of the parmRing process,	Resolved to EAO's satisfaction,	

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ormanie Die	Date Submitted	Submitter name and 10a	Asancy/A400.	Comment relevant to Uralt VC selectors or divint	Relevent site for lind page number	Sompony and Description/Advectory Contern.	Catagory/Attents	Change to the dra tVC selection/dAt R required?	Application Riview and/or Parmitting Requirement?	Chapter State Response	CAD & Assessment of Recome	ropanants Followap Kesenet/citon
						licence sculd be anonched by a change of works, o change of licence, or o channe of pursues, I/O, 233 was used builded, the vestme licence: appursence to this lond workd be subject to an apportanment. This finance sculd be used of the line of the line of the line of the finance sculd be used of I/O was an externet filence sculd be used of I/O was an externet for make an assessment of available worter versus licenced domand on WoodBire C treck and on Nill Creck, the present water rights and applications to the scule scular of the scular of the scular for make an assessment of available worter versus licenced domand on WoodBire C treck and on Nill Creck, the present water rights and application to the scular scenes med to be accomposed.						
						bansácr al appurtanancy, apportionment, or amendments identified. VC, vestion 2.0, April 30, 2024 dalik, version 2.0, May 5, 2034						
30	7-May- <u>1</u> 4	Jamas Davlas, Regional Hydrologist	MFLNRO- South Cosst - Authoritation 3	daur		The dAIR does not provide a review of the water licences appurtement to the land. dAiR, page 55: The licences are to be transforred by the water licence the proposet, and willing during the construction and operation of the proposet, and willing during the construction and operation of the proposet, and willing during the construction and operation of the Decision Maker for approving a change of works, a transfer of worth the Decision Maker for approving a change of works, a transfer of worth the Decision Maker for approving a change of works, a transfer of worth the Decision Maker for approving a change of works, a transfer of worth the Decision Maker makes the adjudication on the proposed change or amendment. For example: * I for strateging with the licences or an existing * World there be any changes to the "forni forthe Lake or the Sylvia Lake mange works? * What would happen to the water power licences? The application ends to explain the current water licences and applied to action 2.0, May 5, 2014	Surface Water Quantity	Yes	Permitting Requirement DGC	All water licences on MII Greek and Woodfilve Creek are held by Western Farast Products and appurtements to 12.331. Accordingly, we exclude that an under licence will be transforred to WUNG upon the transforr of D. 2335.1. WUNG will work with the OSC under the permitting phase to ensure all water ficances are arrened as required. Total rule and use and the other and the other and water includes a sequired. Total rule and the other and the other and for power production on Woodfile Creek and Bill Creek are appursant to the band that will be transforred to the Proponent and will be unsforred with the indi. In addition, Sertion 2.7 (Applicable Permits) will list the permits that will be required for construction, operation and decommissioning of the Project.	Resolved to BAO's satisfaction.	
31	2-Jun-14	Leedham, on boball of MoE and	Ministry of Environment- Environmental Protoction, Oli & Gas/LNG Toam	GAIR	Pg. 55	5.72 Existing Conditions - First centence, there appears to be a typo surface water "quality" should be "quantity" IF	Surface Water Quantity	Yes		VILIE acknowledges this command, and has corrected Section 5.23 (tremer) 5.22. First paragraphic kiteration in red): This special will provide information on the existing surface where rewalke quantity conditions, which will be characterized by the following:	Resolved to EAO's satisfaction - changes reflected in the dAIR.	
32	2-Jun-14	Leedham, on behalf of MoE and	Ministry of Environments Environments Protection, Oil & Gas/LNG Team	vc		Program VI des followie: Wohre Quantity - Retinnale: renge time have wohr lense mean rener requirements: Invest to obtain a lienner for watter size under the Watter Ard. How much water und la honescare, for watter solling VM kills the effect on the water chamistry & aquater resources? - Project Effects what rue arequirements from the facility may have an offect on other water users - decrease in surface flows. - Measurable Parameters: Hydrometric data - surface flows, groundwater levels & flow stirrection. JF	Water Quantity	Yes No	Application Review	Water caushby Linduided as In Cas II I an intermediate consideration for assessment of effects to receptor VID such as information on the existing conditions and potential changes related to Project activities will be included in Section 3.3. Hornitary readulements will be summarized in Section 2.7 (applicable Permittic) and addressed with the OGC at the time of transfer of the land and appurtentian work? Kennets, Water for cooling will be drawn from Howe Sound, and potential changes to manne water quality are addressed in Section 5.3. As outlined in Section 5.3. If the ddisting license may drafter, flow while Woodflow Crocks and/or MII Crocks to the extend of the previous usage by WoodFlow Fructuad Ard Mills (new to Project in conformance with the existing license may frace flow with WoodFlow Fructuad April Mills or WoodFlow Fructua part find water licenses and your Wills.	Unrecolved - Changes to dAIR Requires (same as above) (I) Section 3.9.1 Surface Water Quentity Scoping and Rationale (end of first paragraph) fch hubbat and wildlifs. A fully comprehensive technical report, including a datalisd analysis of patiential changes to surface water claimity, will be appended to the Application, including hydrometric data such as, surface flows, groundwater levels and flow direction.	
	26-May-1	4 Yoza Hatzlanton ou, Regional Erwironme ntol Assessmen t Coordinato r	Health Canada	VC dAIR	(pg. 15) & dAIR: Table	HC advices EAO that there appears to be a discrepancy in the parameters listed for the "Manhe Water Quality" Intermediate component (C) presented in the VC document, vorsus the AdB. AC prefers that any organic and longanic contaminants of potential concome the concident for this C excelling it there are any recreational and fichting uses near the project site.	Marine Water Quality	ves .	Application Roview	Table 5-9 in the dAIR has been updated to be more specific reparting the concentrations of biological and chemical contaminants of potontial concern associated with treated process water, waste water and stormwater discharges.	Unresolved - changes are not reflected in the dAIR In the June 26 version, biological and chamical contaminants of potential concern are crossed out. Please ensure these will be assessed and are included as an indicator of marine water quality in addition to nutrients, metals, hydrocarbox (petroleum and PAVE). (Are we tating addust disskr/(Junary), Juli the assessment include potential impacts on marine water quality from medification of (agere contaminants due to ship activity within the Project area? if yes; Update the dAIR to include the required information. If no: provide rationale (same comment 128).	

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Comment Dat	mitteri	tuomittey tante sud tilley	Agency/ Afrila Tar Ministry of	Compression relations to crain VG satercion or caller	Relevant sector and page rumear	Comment Vision Discription / Science of Discription	Selusory/Theng Marine Water Quality	Change to the draft VC shiector /dA Racquired? Yos	Appleption Regign and/or Permitting Regularitant Application	Zesztenit i Hazzine. Marine wsię zaubił sa IC, sy ir sa consideration in the	SOVEnigned Statistic	ringenent ^a falori-up Ringeneut <mark>a</mark> filori
		Leedham. on behalf of MoE and	Environment- Environmenta Protaction, Oli & Gas/LNG Team			have a surface discharge that will require an efflowat point under the <i>invormantal Management</i> Act, in solid than baseline water spalling, a description of this pradicted different will be required. Immortain Lingmania on Mandali for the Assuration Environment, Assessment. Map and complet Manmation on operations or additions that discharges contaminants to surface water: (a) locations of current and proposed permits that allow a watewater to be discharged to a surface water; (a) locations of current and proposed discharges to surface water regulated by a Code of Practice or a Regulation under an Act of the locations of current and proposed discharges of surface water or (a) surface discharges (mo) and surface; (c) any locations of current and proposed discharge of start water or (c) any locations of current and proposed discharges (mo) and surface; (c) any locations of current and proposed discharges (mo) and surface; (c) any locations of current and proposed discharges (mo) and surface; (c) disclarging (mo) and surface; (c) discla		No	Review and Parphting Requirement OGC	pathway for the assessment of receptor VCs. WLNG confirms that in formation needs to be outlined in the comment (builets a) to ei) will be included in the Kr./ however, wo note that juit effects to gensitive habitats and aquatic resources will be assessed in the relevant VC sections, supported by the Marine Water Quality (L.A. preliminary description of the treator	(zr. abov, partial comment 25) Section 5.10.1 Mighler Water Quality Scoping and Rationale (end of first paragraph) 	
35 2		Yota Hatiantoni ou, Rogionai Environme hal Assessmen Caordinato r	Health Canada	VC GAIR	(pg. 10), Appendix A (pg. 1) & dAIR: Table 4-1 (pg. 26), Table 5	For the "Atmospheric Elveranment" VC, HC address SAO that the Proportion also include ASS, ozone, and metals (as applicable) in the VC/AIR/application documents, along with the other artists are comments. (LCA) indicate, Diverse, PL address that the being Proportion travels as strong Justification for any CAS. that are not being Condered in the strange Justification for any CAS. that are not being condered in the strange Justification for any CAS. that are not being Condered in the strange Justification (Leg., HZS, other and AGC) for J-HA (2021 and 3-HX 502) to be of Irliably reciscand as a later data), and that these are being the of Lings in reciscand as a later data), and that these are being the optimised bit his historin BC objectives and/or and being the optimised bit historin BC adjustation of lower D2 and S2-20 S2 (Defense) for the data adjustation of lower D2 and S2-20 S2 (Defense) being the filled histoliko Dispinications, as may be applicable. This advice to provide in Project constructed vigeoretion, and with the optication of Leg. World Histoliko Dispinications and the inverse of Justification of Leg. World Histoliko Dispinications, and may be applicable. This advice to provide of adjustation of dover D2 and S2-20 S2 (Defense) bit finds in Based Dispinication and where the provide of all protection that lines dollarinski, induced and the theory protection of the second characted (and their hyperoduct) that may be vanied, combustos, or understanding of surrounding application exposure and potential risk.	Abmospheric Environment (Alr Quality)	yes	Application Review and Permitting Requiration OGC	on Project-specific ongineering data on air emissions, We are	Unresolved - provide a robenale why HgC Ozene, etc are not included in the assessment. WXGL to follow-up with MOE that the information requirements in the AIR are sufficient for air quality assessment.	
36 2		Yota Hatzlanton du, Rogional Snvironma ntal Assessmen t Coordinato	Hesith Canada	GAIR	Section 5.9 (pg. S8) – general comment	Ac part of the "Armosphane Environment" VC/PC acrices EAD that the Propenent acress on odditional "environment" Maring/Back-up power generation "scenario, The current assessment straps for thic VC do not cophan this periodial actenation — be acadil of which would help to charactor/so potential adverse effects to humans.	A tmospheric Environment (Air Quality)	ive:	Application Revigw	Emergency scanarios will be considered in the affects assummers undertaken for the Project operational phase. This will include consideration of H ₂ S emissions.	Unreceived - changes to the dalk required: Saction 5.2.3 Patential Interactions of the Project and Proposed Mitgation 	
37		Leedham, on bchalf	Ministry of Environment- Environmenta Protection, Ol & Gas/LNG Team			If discrirc draws a map the selected anneason technology, air emissions can patchildly cause additions and extrophilotome (flexts in the register uses, additional Information would be required for the environmental assessment, including a screening level assessment annea determine whether a lowal a trikital bud assessment anneanly (madeia is required as documental in the Draft Childral loads Screening Draft (see attachment 1), Additional VCs would include frechwater blocs, atteams, solis and vegetation, if	Atmosphenc Erwirgnment (Alr Quality)	No -		WLNG confirms that the plant will use an electric drive. Of the generators will be used for back-up power to run all emergency nower and callely systems.	Resolved to EAO's satisfaction.	
38	2-Jun-14	Kimborly Noedham, Director of Planning and Developme nt Services	Ullocat *	dair VC	5.9,1, pg. SB Erwironme ntal Pfiltar, Section 7.5 Visual Quality (Appandix A)	Potential for smoglvog will impact other VC - sixtal/aconome as at could impact tourism or louints related activities.	Atmosphene Environment (Air Quality) and Visual Quality	yes	Application Review	Where appropriate, the changes to the Atmispheric Environment für Quality) C will be enriced forward into the pressment of receptor VCs.	Unresolved - changes to the dAiR required! Section 7.3.3 Potential Interaction sof the Project and Proposed Millipation 	

Comment TDA	Para Submitte 9 2-Jun	Sharibar addicat addicat 110 14 Leedham,	Aconsy/Afilia Tor Ministry of Favinanment-	Comment relevantto drah.VC sulgetion or dAIR? dAIR	fidlevant conten and page number Pg. 31	Comment/Lares Develocion/Sectoral Changes name 4-2 - Af Quality Social De Saled as 5 VC in this table. #	CHEFOCY/(1)-In-0 Almospheric Environment fair	dhange to the dra t VC dri t VC R reculmed to t	Application Review and/or Recultantiation Recultantiation Review		ZÁDS Astroamutol Helsono SáDS Astroamutol Helsono Sancoluce - Section 52 lists Ar Quality as a VC
		on trobalf of MoE and MoH, Manager, Operations	Protection, Oil & Gas/LNG Team	1.14		Table 4-3 Regional study area boundaries. Atmospheric onvironment	Atmospheric			Please note that differ discussions with regulators and the confirmation of descrite drive being used for the Project, the Asmospheric Environment (Air Quality) has been changed from a VC to an IC (Intermediate component). The text in this table has been changed to read 'Asmospheric.	indicato that detailed Air Guality Modelling will be included in a fully comprehendive technical report, appended to the Application.
	0 2-sun		ninistry of Environment- Environmental Protection, Oli & Ges/UNG Team	dAIR		should explicitly induce air quality as a VC. JP	Environment (Air Quolity)		Review	Environment (Air Quality) ⁴ Ploase note that after cliccussions with regulators and the confirmation of electric drive being used for the freject, the Namospheric feavironment (Air Quality) has been changed from a VC to an IC (intermediate component).	Indicate that detailed Air Quality Modelling will be included in a Fully comprehendive technical report, appunded to the Application.
	1 2-Jun	-14 Laura Guzman, Policy Analyst	Climate Action Socretariat			List of value components sheuld specify all greenhouse gester included In the reporting regulations: CO2, CH4 , NO2, PPCs, HFCs, and SF6.	Graonhause Gas Management	Yes		The association of the constant of significant sources of GMG mixikalium. Three an observed to be any significant sources of FFCs, HFEs, and SF6.	EA Drates that the EAR induces emissions of CO2, CH4, and N2O, while EAS recommends CDT, CH4, MO2, IPEC, MEC2, and SF6. Provide a rotionale why mothane is not included. Provide a rotionale why N2O misse of NO2.
	2 2-Jun	-24 Leura Guzman, Policy Analyst	Climate Action Secreturiat	cáir	5.10 and 5.10,3	GHG emissions multi be calculated using this mathodology described in the reporting regulations in the Greinhouse Gas Refluctions Target Act (Gas and Tack), a weal, any deforections (I) fany, the secure as part of the canstruction of the Stelly, must be included and GHG emissions estimated according to guideling provided by Ministry of Forestry, lands and Natural Resources		Yes		GHG emitcions will be calculated using commonly accepted methods. This will include quantification methods described in the reporting regulators in the Grownhous Gas Reductions Target A (Cap and Trade). Lass of carbon sink due to any deforestation will be quantified using the guidelines provided by MFLNRO.	Provide or pulsoratic why no PPC, HPC, and SPG Land Grand Anticometer Unrecolved - dranges to the AAR required Sector 5.3.3 Potential Interactions of the Project and Proposad Milligation
-	3 2-Jun	-14 Laura Guzman, Policy Analyst	Climate Action Secretariat	dair -	Section 5.10.3	This section must evolve the providen of a GHG Monagement plan inclusing mitigation measures for concurrentian, operation and decommission phases of the project. Currently this section decorrises characterizes of GHG assessment, but it does not consider the providen of a GHG Monagement plan and mitigation measures	Greenhouse Gas Managemont	yes		GHG mitigation and management measures will be included in the GHG/Climate Change effects assessment.	Socian 5.3.3. Potential Interaction of the Project and Proposed Mitigation (at the end of section) This section will include a (seconstruction/summary) of GNG mitigation and monagement measures applicable to the origination of the construction, operation and decommissioning phases of the Project. More information on the GNG mitigation and monagement will be included in Table 22-1 Proposed Mitigation Alexans and Section 3.5 Summary of proposed environmental and operation management plans, respectively.
	14 30-ма)	-14 Frank DeGagne, Land & Rasource Specialist	FLNR - Sea to Sky Notural Rasource District	dAIR	13	Vigentiation communities, Can Broech health of surrownaling forsast types and ecosystemes being wind with the may be surgenizable to natural gay wenting or other industrial econtricus. Forest health should be montors' dever loss term to addermine whicher any damage is detected, S. 13 licis wildlife/vegetablen as a proposed monitoring plan.		yes No		The Project does not induce wenting natural gos within the terrestratie environment. As such, mentioning of forest health specific to venting has not been considered. Manitoring for vagatation communities will be accommended an ended lassed on the norsitis of the seascemone, and induced in the Wildlife and Vagenation Monitoring Plan as dantified in Section 13.	
	15 2-Jur	-14 Scott Barrett Manager Riscource Stewardshi P	FLNRO - South Coast Region	vc	5.12 Avifauna VC p.65	Project is within the supported range for Northern Geshawk (Baingh sub- ispp); k is undear why it was not actested as a VCF	Avilauns	No .	Application Beview	Northorn goshawk (Accipitor genzilis lainph was associed for consideration as a VC and aborquently outsided as the special is not supected to accura, or he affection by, Project development. There is no suitable geshawk habitat within the Project area and thare are no anticipated Project-rable of fects: as there is no anticipated forest clearing within any suitable geshawk habitat. There are four proximal northern geshawk datections at McNal Creek, Reir Yunk Creek and Cankom suke. However, nano of thesis sites have reast confirmed activity; at sites are currently cansidered axitypated. Datif recourt plation be been impedie (CVS 2023 to provide species-pecific management at three of these sites, however, all mapped habitat is -30km from the Project boundares.	

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Caloment DT	Arte uninittes	Submitter famo and fille	Agendy/Affille Not	dalite.	Referent section and page tumber	Comment/Lung Duc-dollar/ Spervated Charges	Casugory/Theme	Change to the opait VC subortion/dite R (equired?	Permissing Requirement?	Propas (6) Kitesener	CAQ's Assessment of Teleperne	raponenza fia llorra uz euponez (Action
46			FUNRO - South Coast Region		5.12 Avifauna VC p.65	project is potentially within range for Northern Spotted Gwi; it is grid(cor why)it was not selected as a VC?	Avifquha	No	AppEcston Review	Northern spottarf and (Strie accidentialis caurinal visit) scattering visit, and scattering of the consideration and as V and subsequently encluded as I is not percented to accur, or its affected by project evolutions are at 13 Inclusional population of the advections are at 24 Inclusional population of the advection are at 25 Inclusion of the advection of the advection of the advection of the advection of the advection of the advection of the advection of the 21 Sheat Crick (Seymour Waterheit). This size was considered and work the only the objection of the advection of sourcestly considered to be extingated.	UnerSolved - Canadam Wildlife Servece will be providing additional direction on the assessment of SARA-listed species, and the requirements of <i>CEAA 2012</i> .	
	•									The project boundary abus William Anabita Anes (WAIQ 2337) (Thensiak WHA) approved in March 2013. This WHA is intended to provide full future receivery habita for sported away, however, the spaces is regimently considered as audipated and when habita approximation of the sport of the sport of the sport (the receiver WHA). In addition, the project area somains very liter (~230) statistic provide with abus of on the model developed by J-Mobba and enderted and usual by the Minitary of (therest, linked and Marchal Receiver Comparising (WAIRO) for lipotted owi recovery planning) and there Is little/file anticipated forset clearing within any suitable forest habitat during Project construction and/or operation.	· ·	
47	2-jun-14	Scott Barnett,	FLNRO - South Coast Region	VC	5.12 Avifauna	Project is within range for Great Blue Heran; it is unclear why it was not selected as a VC?	Avlíauna	No	Application Raview	Great blue heron (Ardeo herodius) was assessed for consideration as a VC and subsequently excluded as it is not	Unresolved - Canadian Wildlife Services will be providing additional direction on the assessment of SAAV-listed species, and the requirements of CEAA 2012 .	
		Manager Resource Stewardshi p			VC p.65		-			oxpected to occur, or ba affected by, Project dowdopment. J) Nearly plabtic value: There are no confirmed heron rookerlas documented in the provincial (non-censitive) Concervation Data Carlo te database potential suitable nesting habitat i silan on Carlo te database potential suitable nesting habitat i silan on Carlo te club, present vitin the Project area. 2) Foreigning habitat value: Existing shoreline forgeting habitat has been altaret up previous dovelopment and is not Kley to	GBH and Martisled Marrolint will be assessed under the Martine Birds VC as they are SARA-listed species known to occur in the RAA. Confirm?	
										be further detrimonially imparted during Project construction or agomethon. There is, no suitable habitat for great blue haron within the Project are and there are no antidipated project-realed effects as there is no antidipate bornset cleaning within any potential juitable nesting habitat.	· · ·	
										features is included in mitigation measures to be implemented during Project developments		•
48	2-Jun-14	Laedham, on behalf of MoE and	Ministry of Environment- Environmental Protection, Oli & Gas/LNG	ve		Dregging Activities – Will instantial need to be dredged and removes for the project? Dredging activities could result in changes in historical contaminants in marine country foods (ie: stlakin/furan concentrations), u ^E	Maring Habitat	Yes No	Application Review	It is not currently anticipated that dredging will be required for the project. If detailed design reveals that dredging will be required, this information will be included in the EAC Application.	UNCESSIVILE - changes to the dAIR required- Section 5.7.1 Site Contamination Scoping and Rationale fend of second aparanaphi	· · · · · · · · · · · · · · · · · · ·
			Team							The site Is currently undergoing remediation, including dredging in selected areas, and a certificate of compliance (COC) will be obtained prior to WLNG acquiring the site. WLNG will be required to comply with all of the conditions and monitoring requirements of the COC.		
49	2-Jun-14		Ministry of Environment-	dair	Pg. 30	Manne corridor includes the shipping route plus 1km buffer other side, from Project area through Howe Sound, The assessment area should	Marine Habitat	Yes	Application Review	The marine corridor was defined for purposes of clarity in the descriptions for the assessment areas. The assessment areas	Report and In the £AC Application. Resolved to EAO's satisfaction - changes reflocted in the CAIR.	
		of MoE and	Environmental Protection, Oil & Gas/LNG Team			Include the fully, width of the marine confider through Howe Sound, particularly for marine aquatac forest; if an around the shipping route (s not enough for marine manimals, 35		No		[LAA and RAA) were described for each VC, and, depending on the VC, may include the marine corridor or a larger area such as xowe Sound.		
50	2-Jun-14	Leedham, on behalf of MoEand	Envirohment- Environmental Protection, Oli & Gas/LNG	dajr	Pg. 33	Table 4-3 — Marine Mabilist corridor should include sil of Mowe Sound, not only 1km around the Alaping route. IF	Marine Hobitat	Y05 Y05	Application Review	The destilled governite interactions between monthe benefic- babies and the Projects are volume to be Project's alreading activities and protectual less of habits to be Project's ano, thus the LAA inductions the Project and, however the Project shipping activities in the next rine control or are not anticipated activities and the project and, however the project shipping activities in the next rine control or are not anticipated in the AAA and and the Project and the AAAA and the Project shipping activities in the next rine control or are not anticipated in the AAAAA and the Project and the AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	Recolved to EAO's satisfaction - changes reflocted in the dAR.	
51	2-Jun-14	Leedham, an bchalf of MaE and MaH,	Ministry of Epytronment- Environmenta Protection, Oli & Gas/LNG Team	dAiR	Pg. 91	The GAA for the Updivie Maammadi account on the the area in which the project affects water quality and would be too local ited for Proglemal doctoments. This RAA's checkle Include the foll, wells of the marine corrider through howe Sound. JP	Marine Marrimals	Yus	Application Review	The LAR for Marine Nonroles has been mutual to include the Project orce and the marine corridor, and the RAA has been revised to include Howe Sound.	Resolved to FAG's satisfaction - changes reflected in the dark	
52	2-Jun-1/	Leedham, on behalf of MoE and	Ministry of Environment- Environmenta Protoction, OP & GPS/LNG Team	4	dAIR-Pg. 2; VC- Appendix A. pg. 3	Table 4-1 - Maring Bentils Habital VC pendits to induce marine tocard concentrations. How will the project activities affect marine country front? This company is sense to be missing from the public health section as well. JP	Marine Banthic Habitat Land Public Health)	Yes No	Application Raview	health assossment, Mussels were not available adjacent to the	Unresolved - response date not address the communit on how these taking samples will be addressed in the Application with respect to marking Benkhic Habitat and Ruman Health (Country Faceds, Pieze update the GAIR If applicable, with a clear indication if and where this information will be included.	

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Continent Di	Ditte Sübmitted 2-Jun-14	Stomitter name and tille	Agency//dtills Ton Squamish Fire	Comment relevant to crititive relection on GAR? VC	Relavant Rection and Dage Namber Libour	Speciary into Densipoter/Sursenio Chargos Nor amployment might create local labour shorts as that could result	elucor/Allanta abour Market	Charge to the dirit VC Selocian/d/Li Briggled7 Na	Application fear ow and/or comitting Rightfungunts Application	Provide Rept. 22	EVER Abertyment of Response Unrasolved - changes to the SAN required		engenent i sellen op RegensulAsion
		inouye, Fire Chief	Roscue		Market 6.2	In wage inflation, forcing up costs for local businesso, especially if three the other arripets that me underwaye with come time and may be competing for the same labour (annulative effect). If the demand for about excess the available local supply, the importation of workers might place solutions (aromate an commanity infrastructure and service and could affect the evropil structure of focal communities, three should be analysic along on thingsion mecures: combat these labour shortages and to litentily these industries at risk.			Review		Section 6.2.3 Patential Interactions of the Project and Proposed Miligation The Application will address moleculal Project Interactions with the Labour Mark Labour shartages and identification of these industries most at risk, and potential i described		
54	2-Jun-1-	4 Russell Innuya, Fire Chief	Squamish Fire Rescue		Market 6.2	Additional wages can create negative effects if incremental wages are inapprogritately spent. An analysis of how social service agencies and other community support groups will be engaged to mitigate increased disposable incomes.			Application Roview	labour market will be assessed.	Unresolved - The response does not speak to the comment on measuring potential services from the increase of wages.		
55	30-May-1	(David	Sunshine Caast Regional District	GAIR		c) Sumbiable Economy Valued Companents (VC): (I) There may be impacts/Jacof Companents (VC): Mand Trust area: Thus the draft AI AF should make reference to SCRD and stand: Trust. Reference is made to the Howe Sound area being fro regional area for the markine portion andre the economy howing. This Photel be amended to refer to the SCRD, Islands Trust (Somibier Island Local Trust specifically) and Town of Gibsons;	Sustainable Economy	No	Application Review	The LAA Forthe Lisbuir Mairket and Regenal Economic Dousdopment VCs House's Journally, Iseroit Municipality of Whistler, Squamkh Rick Interior communities and Metro Vancouvra, as they are that local areas that will be drawn upon for habour and goods and services for reasons of provintiny and access to the Project Uso. The RAA reforences all of British Columbia, as other communities within a regional context will citad in the RAA baseline.	Unresolved - the commercial marine use sub-component regional area is Howe So Ngure 4-8.	ind as shown in	
56	30-May-1		Sunshine Coast Regional District	dair		(II) Commercial maxima use is a significant sub-component and impacts on SCRD zero (specific reference to Hillpide Industrial arms), Gambier label docal Trust art in Torom of Globant as areas that should also be need for considerable/study;	Sustainable Economy	No		The assessment of polential Project offsets on the Commercial Morine Lis V 15 focused on vater-based activities, including docking. The RAA references all of British Columbia, as other communities within a regional context will cited in the RAA lassine.	Undreadwed - the commercial marine use sub-component regional area is Howe So Pigure 4-3.	ind as shown in	
57	30-May-1	4 SCRD [David Rafael, Sersior Planner]	Sunshine Coast Regiona District	dAIR		(II) There may be scope for other locations to provide workforce and other port/docks could be used for worker/material transport. The cyfic AR should include reference to considering/reviewing additional locations;	Sustainable Economy	No		WLNE acknowledges this comment and will consider additional locations for provision of services or materials, where (castale,	Unresolved - updated to the dAIR required to reflect the commitment.		
58	2-Jun-1		Squamish Fire Rescue		5ustainable	Municipal governments may be faced with costs to accommodate any incoming population associated with the Project or to upgrade any public infrastructure taker may be detected by project-related sativities. An analysis regarding the municipal resource assemblinars relative to estimate taxes lavied on the site need to be developed.	Sustalnable Economy	No	-	WENG confirms that potential effects of the Project on local government revenues and expenditures footh from direct Project use and uso by Project employees) will be assessed.	Resolved to SAD's catisfaction.		
59	2-Jun-2	4 Kimberly Needham, Director of Planning and Developme nt Services	Squamish- Lillovet Regional District	vc	95, 104 (Social and	Sanata Baninkarian, - The Kewo Kauno and a ther incel, <u>unitropognitari</u> , Communities Josef de Included LAA (the Conomican et al. Adoll Hiffest (Rr. not anguly 19,10), Communities like: Partaa Cove, Furry Creek, Farmana Bacch, Lager Squamith, Valley, Parpidua Vallay, Black Twak and Phontage Estates.	Regional Economy and Social Effects	Yes	Application Raview	The LAK for the Labour Market and Regional Economic Development CV. In the AdA will be mended to include Steators ID of the Squamich Ullicent Regional District. This will rough its the Induced of Certain unicerporated communities, such as Suny Crack, in the LAK.	Resolver to EAO'; satisfaction - changes reflected in the darm.		
50	2-Jun-1	4 Kimberiy Needham, Director of Planning and Developme nt Services	Squamish- Ullocet Regional District			inergracy service should have be on invident impacting the Howe Sound (during operation, expectally throughout the shipping corridor).	Social Effects (Emergency Services)	Ŷœs	Application Review		Unrosolved - changes to the BAIR required Section 7.2.3 Petantial Interaction for the Project and Proposed Mitigation (end of first paragraph) — The zuccustrum, of the potential effects of the Project on the Emergency Service component will take into account the service props of local and regional emergence providers.	y service	
81		Inouye, Fira				Emergency Saveless - Squamiah Free Rescue to a Combinistion Free Department is thread level with a Verbuinter forces. The aurrent orwarding modal has the Department operating with 5 Careor fro Bythars and two CHE Officers: Monary through Friddy (mm 88:30 – 16:30 hrs. During these operating hours times the volunteer group (45 volunteers vis largely unvaliable to exceeded with 0 Careor from Organization and the operating hours are covered by Volunteers with a regulation would be a consolitation of a mini- function of the Paral of the operating hours are covered by Volunteers with a regulation of the first ball and then to the Michael and auditation and Mightey escue. The Department has very interformed and auditation and Mightey escue. The Department has very medical ad auditation and Mightey escue. The Department has very interformed the Decision of the symmetry escended to the Decision of the Volunteers VS this prohlematic in responding provided consulting services and inspection. Survival and exceeded the minimum stanting services and inspections. The August the August Provided consulting services and Inspections and and exceeded the minimum stanting dependent to Care. Neural taggest that an a prement for services to developed between I would taggest that an a prement for services to developed between Unable for services I (required starting at the construction or site acceptance) (a required starting at the construction or site acceptance) (a required starting at the construction or site acceptance) (a consult baseling at the programmed and accecceded tordeng for services I (required starting at the construction or site acceptance) (a consult is saveling and the service levels and functing for services I (required starting at the construction or site acceptance) starting acceptance) (a saveling at the construction or site acceptance) starting acceptance) (a saveling at the construction or site acceptance) starting acceptance) (a saveling at the construction or site acceptance) starting acceptance) (a saveling	Infrastructore and Community Services	No	Remiting Requirement Local government	will group Project-specific mergrandy services timing construction and operation, and additional information regarding facilities and training will be included in the EAC application, the CEMP and emergency reproves, including augumont and weter requirements, will be addressed prior to the start of construction. The Project will be settless afford to the start of construction. The Project will be settless afford to the start of construction. The Project will be settless afford to the start of construction. The Project will be settless afford to the start of construction. The Project will be settless afford to the start of construction. The Project will be settless afford to the start of construction. The Project will be settless afford to the start of construction. The Project will be settless should the Squankik Fire Department require further information. WUNG will be placed to discuss directly with them.	Unreached - please indicated that WUNG has met with the Squardh Fire Departm continue to earoul with them relate emergency response plans.		-
- 63 	2 2-Jun-:	14 Russell Incuya, fin Chief	Squamish Fire Rescuo	dAIR	7.2,3-9 106	What is the on-site emergency services that Woodfibre LNG looking for. Please be specifie?	Infrastructure and Community Services	NG	Permitting Requirement Local sovernment	The Project will be solf-sufficient in terms of emergency response during operations.	Unresolved – please indicated that WorkG has met with the Squamish Fire Departm containe to consult with them re: the emergency response plans.	nont and will	

C-intra=tt) (C) 63 64	2-th 2-Jun-14 2-Jun-14	Russell Inouye, Fire Chief	Squamish Fire Rescue	selection or dAIN2	7.2.3 - P107 Table 7-1 7.2 Infrastructu re and	Commonly Jose Description/Structure Conners Splankin Fire Reactive currently does not offer any Marine based enorganey services including ship board Brelighting services. The increase in inforstructure use will create changes in espacify utilization and saffing costs while dereates than ges in espacify utilization and saffing costs while dereates than ges in espacify utilization and saffing costs while dereates than ges in espacify access. An analysis of integration methods is largent the import on infrastructure should be undertaken.	E-MirotyAbonne Mirostructure and Community Services Infrastructure and Community Services	Chango to the diaft's S seloci on/ori, Rine disett No	Application Renew Index Semitting Requirement Local Application Review	Proposities Romonaties WLNG acknowledges this information provided by the Squamid here heave. The Project will be add-sall deret in terms of emergency response during opparations. WLNG confirms, that there will be an assessment of potential Project effects on the inforstructure and community Sprivice U.C. if Project-space-side effects are identified in these areas, then the Project multipation measures will be included in the EA application	2109/2011/1510/0161/10000100 Unrasolved - ploase indicated that VUNIS has met with the Squamish Fire Department and will continue to concut with them re: the emergency response plans. Unrasolved - Changes to the dkiR required - Section 7.2.3 Potential Interactions of the Project and Proposed Mitigation (and of bat paragraph)	noposini (s followeg) recione /Actori
					P.104						provided in Table 7-L If negative residual effects are identified in for the Regional and Community infrastructure and Sanviess VC, they detailed description of proposed mitigation measures to reduce such negative impacts will be included in the EA application.	
55	30-May-24	Paula Douesta, Senior Enriconne nat officer	Transport Canado (TC)	VC	and 26, dAIR; 133 Table 7-2	Tic thi argument that Markin (Immportation should be included as a visual component. To recommends the following "Description Adverse Project Bifforth Toronomouth the following "Description Adverse project on markine analysistin 1. Interference with markine analysistin and contrim. 4. Interference with markine analysistin and contrim. 4. Interference with markine analysisting and the adverse parameter of the following "Indicators" or "Measurable Parameters" marking to the above Project Effect. 1. Represented the following "Indicators" or the parameter of the following "Indicators" or the parameter of marking and the following "Indicators" or the parameter of marking and the second the second second second the second second seco		φοτ.	Application Review	EAC Application will cover the terms requested industring: Linterforme with markin analysis on 2. Interforme with markin analysis on 2. Interforme with markin explosing 3. Interforme with markin recreasion and burstern (tourism also covariar (in the ULO Deption) 4. Abordpinel markins vice with ba addressed in Part C Abordpinel Groups Information and Requirements. The parameters: Linter will be addressed in Part C Abordpinel Groups Information and Requirements. 1. Include as an indicator, Nonever, DFO beet day data will be und instance of upper of Deptinel Target speeds at this is more applicable to markine transportation. Data on fibrafes assessment with noted coceptions: 3. Include as an indicator, Nonever, DFO beet day data will be more applicable to markine transportation. Data on fibrafes 3. Included as an violator for usery bit limited. 3. Included as an violator for usery bit limited.		•
6	6 30-May-1	4 Paula Doucetta, Senior Environma ntal Officer	Transpore Carpada	dAIR	133	There are three main components to maniputon surcer the VMA movem. Commercial (including forbag), Recreation, and Aborgian for realizable process. Commercial and Recreational measurements to adding for abable VMA respectively. Here, the respectively and the mercit her requirements of the VMA and to answer that for- mating for abable uses for navigation. This information is required in order to mercit the requirements of the VMA and to answer that for- any software the requirements of the VMA and to answer that for- they use Consult, which respect to owned, has been merch. To has provided their prelimitances for Table 7-2 in the comment abave provided their prelimitances for Table 7-2 in the comment abave provided with the requirement of the value resonance the proponent specify whether are to lacked. The weal resonance is the specific packing in making and main and if so, to describe them.		Yes	Application Review	If explosing, this undermation will be provided in the EAC application. Aboriginal marine use will be addressed in Pert C Aboriginal Groups information and requirements.	Unvessioned - changes to the dANR required - RE section 7.3.1 Marino transportation and scoping retionale this section is confuting indicates patiential linear patientials include the effects of project-velated vessel traffic on Aportginal marine users. If this is the case, pices and the data a sub-component/indicator in table 7-28.25 frommersitis. If else provide clarity that this issue will be assessed in Section 17 (see Decremonding) class sentence first paragraph) Petential impacts from project-valated vessel traffic during construction and operation on current marine Aportfinal user for paragraph) Petential impacts from project-valated vessel traffic during construction in Section 17 Abordginal interests, including a detailed analysis of Marine abordginal use activities/destinations/access routes exceptioning in project Project and marine access route. -update Section 17 accordingly	

Comment 21 Del 5	ubmitted 🖄	Suomitter namitarid Itila	Aganey/A400 Sign	Comment relevent to crait VC relection or drugt	Belevant Suellos and Page Rumber	Common Massie Beser (pt. org.) Suggested Chargese	Caluzony Thoma	Charge to the drift VE selection/GAI Riteguingd7	Application Brukeword/or Permitting Resulting	Proponente Resona		Appendits released
67 3α	-мау-14	Paula Doucatte, Seniar Environme ntal Officer	Transport Canada	dair	73.2	For the last paragraph of this section where baseline or axisting contables are citesuses. Tr G Gires the Glowing recommendations in terms of information to be collected and used to determine project cifects: = Identification of volumes, types and capacity of marine traffic in the stars and impact on sub-(in Portential Impact's Section). = Bathymetric surveys of the monine areas, navigational channels and any addiment classonal attras. = Andyninge areas to be used. = Capital and molecular areas to be drodged, soliment management (land anvigation activities in Canadian waters function, frequency, etc.), surface area of the areas to be drodged, soliment management (land anvigation activities in Canadian waters further and frequency of unpc). = Balast water management = Describe how and for how long, information was collected and from What sources in relation to ourcent and traditional makes furthers = Describe any recreational uses of natural waters (law, solimming, canceing, faing). = Describe avising commercial malgational usages including movement patterns of flabing vessels.	Marine Transport	No. This Information doesn't need to go into the dails just for the proponent to make note of duiting baseline information collection.	Application Raview	Advance videged: The following terms will be included in the insine transport foctpet: - Identify volumes, types of marine traffic in the area and impacts on such - Dearthe have and for how long information was collected and from whot sources in rolation to current and traditional narigization uses. - Dearthe entries in rolation current and traditional narigization uses. - Dearthe entries commercial non-indicational uses including movement partners of fishing-vescele innovement patterns will be initiated is general indication of user area). - Provide information and ever area). - Provide information and weat ereat). - Provide information and weat ereal. - Provide information and weat ereal. - Provide information and exequirements. - Provide information and Requirements. - Provide Information and Requirements.	•	
						Provide information on current, historic and/or potential usage of all water backs that will be directly all Gotted by the project, Including current Aborging use, where available, Prognement to provide information including type, allse and frequency on all types of negations that are the set of the direct of the direct of the direct of the other than the ot				Control of describe miligation for vessel traffic likely impacted by the construction and operation of the Project works. Limited to general miligation. Navigation Titki milipation will be addressed in the Navigational Risk Accessment. The following items (oil outside of the scope of the Marine Transportation Chapter but may be divided in the Navigations Risk As essement (TEIM/POL) – Information on the capakity of navigational channels – Balant water management – Balant water management – Balant water management – Navigational risk miligation		
68	30-May-14		Transport Canada	dAl X	p 130	The dAR references "Control Cones". a. Please specify under which Act or Regulation the Proponent Intends to make application for this proposed zone, in the Morine Transportation Sociation of the dAR to construction Application some look (Barriers, Juoy, et al. What will be construction Application some look Barriers, Juoy, et al. What will be construction Application some look Barriers, Juoy, et al. What will be constructed in Application some look Barriers, Juoy, et al. What will be constructed and line pro- ting the foreign the forestore A construction Application some look Barriers, Juoy, et al. What will be constructed and line pro- tion of the barriers of the construction of the barriers of th	Marine Transport	Na Yos	Application Review and CGC Permitting	Additional information regarding the control zone will be Cincluded in Section 2.2.6 (Project Activities) of the EAC application. (a) The control zone will be catabilished and maintained around the Bathy in a coordinate with CSA 2246.1, which will be reviewed with the CGC Facility Application. (b) The requirements for managing the control zone are currently holing evolution and additional information will be provide in a the 2.4.4.4 this time. WUNK for cares using combin batin of markers and patrol vissels. The following instrument has been added to Section 2.2.6.2 of the CAR (changes in red): (changes in red):	Include a description of the control zono. And methods of control zono management. Include Jmilar wording as above under the list of construction activities, 2.2.6.1, if a control zone will be applied during the construction phase. Could not identify any changes in red?	
69	30-May-14		Transport Canada	dA:R	130, Section 7.3,1	In the First bullet the following test in red should be added to better capture the interforences to assigntion "favigable waters	Marine Transport	Yes	Application Review	Text In the reversed Section 7.3 has been edited to include a "Inderence to the Project area as well as to the marine confider (note the manne component of Project area is part of the marine confider). Abortginsh marine use will be addressed in Section 27 of the EA Application.	Unrasower - could not facets the changes. Please provide explicit location where Project area is reformed with respect to marine transportation VC. See above comments for accessment of impacts to Aboriginal marine use (comment 66).	• • • • • • • • • • • • • • • • • • •
70	30-May-14	Paula Doucette, Senior Erwironme ntal Officer	Transport Cohedo	dair	130, Section 7.3.1	TC recommends adding the following red text to this 3rd paragraph to capture aboriginal imports: "There may be an interaction between Commercial, recreational, aboriginal, fisherios	Marine Transport	Yas	Application Raview	Section 7.3.1, Paragraph 3 has been changed to include the recommended wording (changes in red): There may be an interaction between Project-related marine unifie for construction and operation and oxisting commortial, recreational and Aborginal Richerles and passenger ferry traffic in Howe Sourd.	Unresolved - the change is not reflected in the June 26 version of the dAil.	
72	30-May-14	Dowcette, Senior Environme ntal Officer	Transport Canada	dair		al The Project may result in both direct and indirect effects on marine movigation however the dAR has only included sincet effects. Indirect effects on negation is as early indirect in the environment through project activities; are not included and should be.	Mahne Transport	Yes	Application Review	WENG confirms that the Marina Transport assessment will address direct, indirect and reduced effects as it relates to that VC.	The dAIR needs to indicate that both direct and indirect effects on marine transpiration will be assessed.	
		Paula	Transport	dAI8	1 12	The application should expand upon the rationale for the spatial	Marine Transport	Yes	Application	Acknowledged. As stated in Section 4.3 Environmental	Resolved to EAO's satisfaction.	

Date: May 27, 2014 Film Revision:

Date: May 27, 2014	
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	74	30-Moy-14		Transport Canada	dar:	Transportat, Ion Section	Trecommends that the following straighting TERMPDU. Frecommends that the following straighting TERMPDU. Fold be added to the disk/Application, if appropriate from the proponent's perspective. A Termpol review is a tachinical analysis designed to avaisable the risk to analysical or with a tachinical analysis designed to avaisable the risk to analysical or with the termpol Review Committee at the ned of the review countines the marine transportation operations in the contexe of the existing marine transportation operations in the contexe of the existing marine transportation operations in the contexe of the existing marine transportation components. Altionigh the CEAA/BE EAO do not require the Environmenial Impact Statement/Application to induce a discussion about TERMPOL, there statement application to induce a discussion about TERMPOL, there the elicitation to induce a discussion about TERMPOL, there the view of the size system termining the Activations and Maifunctions, and Effects of the Environmenial Impact Statement Applications and studies Carried out for the purposes of the view traines or thores appeter paraling the Activations and Maifunctions, and Effects of the Environmenial matters that are accered as part of the terMPON there are observed procussed for the LR. As its efficient and practication to the Project. Any other matters that are accered as part of the TERMPON process Will not be	Marios Transport	Yes		WNRG appreciates the statement that TC his written on the TEXMPOL process. The tax of mrinkin transport p. 116 he been either as shown in red. The Application will include a secontation of legislation, guidelines, MMP, and guidance documents that are relevant to the management of the Mering Transport VC and reference the participation in TERMPOL where applicable*.	Jasshed to EAO's satisfaction - changes reliected in the dAiA Suggest adding the information provided by TC on YERMPOL be included as a foot note under section 7.3.1	
	75	30-May-14	4 SCRD	Sunshine Coast Regional	dAIR		6) Manne Transport Valued Components:	- Marine Transport	No		WLNG acknowledges this comment, however, the definition of spatial boundaries for the assessment will not be amended. As	Resolved to EAO's satisfaction.	
			Rafael, Senior Planner}	Coost Regional District			The marine transport companent notes the marine transport route, These are shared by vessel; (commercial and recreational) that access the SCR0, Samble tisland Least Trust and Town of Gitoson. Thus the data Manual specificality refer to could oring, gatheng is formation about and identifying potensial impact on these access. As with the Sustainable Economy VC, reference by made to Nave Sound area and this section, could specificality reference the SCR0, Gambler Island Least Trust and Town of Glosons areas:			-	noted fn Section 4.3.1 (Environmental Assocsment Methods - Spatial Boundaries): The Application will describe the spatial boundaries that encompass the geographic attent of measurable, potential environmental, economic, adds. Harribge and haltin Hetet the Project. Boundaries have been chesen to encompase cause and effect relationships.	I	
	76	30-May-14	4 SCRO (David Rafael, Senior Planner)	Sunchine Coast Regional District	dAIR		 a) Full range of potential impact of works from uquid Natural Gas (LNG) tankers on shareline should be investigated in addition to potential hentage/archaeology impacts; 		No		LNG earliers from the Project will transit in accordance with th Canado Shipping Act (2001) and by-basis established by Transport Canado and the PPA. Similar to other large vessels, the LNG carriers will be required to comply with speed limits.		
	79	22-M3y-14	4 Maliesa Smith, Land Officer	FLNR	d MR	General Comment	As per trained helicy—a Security is negaticed and the hold by the Crown at and anomat that is commensurate with the level of field of the activity to the Crown. A four-step Risk assessment Percendure is available to detormine this cost issue Appendix A of Terrura Administration Land Procedure - available contine), and of the procedure requires understanding the presence of inazardosi: materials and contaminants. As follows, prior to transfer of the water for Losse and prior to issuance of any other new Terrure agromanic, the clientist must containt and Contaminated Size Assessment so that the olivitist must contain the Contaminated Size Assessment so that the olivitist must contain the contaminate Socialist with the water for Losse and prior to issuance of contaminate associated with the water for the clientist must make and contaminates associated with the water for the clientist must contain the state from and by the applicant, Woodtfitre LNG.	Land and Rosourco Use	No	yes (Application Review and OGI Permitting	The ourners owner of the Ional Western Honser Yribaiuch Ibs: committed to abaining a confiltence of Compliance (CCC) prio to sale of the land to WUNG. The conditions and menitoring regularments of the COC will be assumed by WUNG.	jągiotivad to EACP satisfactijos,	
-	78	22-May-1	14 Malissa Smith, Land Officer	FLINR	dArR	General Communt		Land and Resource Use	no	No	A small portion of upland Grown lond is now anticipated to be required for the Project. The updated Project area in the revised dAIR reflects this requirement.	Unvestioned - resubmit a request for review to the Lands Section that specifies these upland locations, as requested by FLNR.	
							If unancumbarad Crown Land is part of the upland portion of the Woodfibre LNG application please resubmit a request for review to the Lands Section that specifies these upland locations,					Quit of scope of the EA.	
	79	22-May-1	4 Mailsca Smith, Land Officer	FINR .		Land and Resource Use	The proposed water lot everlaps with the following Crown Land Trenures: File (304-927 - Industrial Lease – held by WISTERN FOREST PHODUCTS NC – for the purpose of general like handling (Dig dumping, storage, saming and related (moreovensic), whore have grain to base philings), builties indefends to the dumanting and diserve of a pulp and the storage of the dumping and diserve of a SC Farry of a large, - File (3410836 – Waterypower - Invastignitus Learnes – held by 050568 BC CTD (Licence area extends into waterfront area) Westam Forest Products is to acting the lease (0048927) to Woodfither LNG, as they are now the spland owners. Woodfither LNG will be registed to change the purpose acting the lease (0048927) to Woodfither LNG, as they are now the spland owners. Woodfither LNG will be registed to change. Sterving to a be excluded from the updated purpose statement is the splang of "BD works" and alismating and conversion of a B Ferry to a barge. The existing worksproyner remure holder musit be consultad with to determine if the Woodfiler LNG application is an appropriate / Compatible as a the water lot area.	Land and Resource	nd	Permiting Requirement Disc	WLNG acknowledges that there is an existing investigative Licance. As part of the CB and Gas Commitcien (BGC) permitting process, WLNG will work with the GGC to ensure that the Project is compatible with all existing Crewn Land tenures.	Resolved to EAO's saturfaction - eur of scope of the BA	
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pa .	Sulante	5. 001	107	1		rugo numbar	Commanty Issue Doscription/ Sugjusted Changes	Category/Ilhame	Recognition 2.5	Resultements.	Proportentis Response	EAD's Assussment of Reupotsu	Response/Action
80	22-Ma	y-14 Malissa Smith, L	FLNR	t vc			The proposal overlaps with a Section 25 Land Act Order in Council Reserve. This map reserve is held for the specific purpose of a public	Land and Resource	Maybe	Permitting Regulrement	WLNG acknowledges this comment, and is currently examining the bast approach to pursue option 2.	Resolved to EAO's satisfaction - out of scope of the EA	
		Officer			ĺ	Use	Ferry Terminal.		No				
							No Land Act activity is permitted to ovoriap a Section 15 Reserve.						
							Therefore, Woodfibre LNG and the OGC have two potential options to move forward:						
							 Exclude the Section 15 Reserve area from Tenure Application area Cancel the existing Section 15 Reserve ~a process which can only 						
							take place by eithor:						
							a, Amonding the Section 15 Reserve – Cabinet: Lloutenant Governor in Council decision						
							b. Apply far a new Order in Council that requests to cancel the existing Soction 15 Reserve – application goes to Cabinet: Uputenant Governor						
							in Council decision						
		1					Note: only federal and provincial agencies / ministries can initiate a Reserve and / or the cancellation thereof.						
			1.										
81	22-Ma	y–14 Malussa Smith, L	FLNR			Land and Resource	The proposed projects are located along the foreshore and may front private upland property. Based on initial review, the upland owner is	Land and Rosourco	hid	Na	FUNRO is correct that the upland owner will be WLNG,	Resolved to EAO's setsfaction - out of scope of the EA	
	l.	Officer	2115			Use	the Applicant. As such there are no anticipated conflicts that would	b)c					
							infringe on the upland owners riparian rights. If however, the upland owner is not the applicant – consent must be granted by the						
							appropriate upland owner in order to tonuro the foroshore.	,					
82	26-M:	ry-14 Yota Hatzlani		th Canada di	AIR .	Section 7.4.2 (pp.	HC suggests that the "Land and Resource Use" VC also cross-references baseline information from available Traditional Land Use Studies to	Land and Resource Use	yes	Application	WUNG confirms that thy available Traditional Land Use studies will be cross-referenced as appropriate, as indicated in Section	Resolved to EAO's satisfaction.	[]
		ou, Reelona					Incorporate Aboriginal uses of the Project area, where appropriate to do		No		7.4.1.		
		Environ					50				The Application will include a description of legislation,		
		intal Assessn	nen								guidelines, BMPs, and guidance doctiments that are relevant to the management of the Land and Resource Use VC. If available,		
		t Ceordia									the Application will also describe how TK (traditional knowledge) and TU (traditional use) information, as obtained		
		r									through consultation with Aboriginal groups and other sources		
											were used in the assessment.		
83	3 30-M	y-14 Frank	FLNF	₹-Seato du	AIR	Page 41,	Forestry Activities - note that the proposed development area is within	Land and Resource	ves		WLNG acknowledges this change and has amended Table 4-5 as	Resolved to EAO's satisfaction - changes reflected in the dAIR	
	1	DeGage Land &	o, Sky I	Natural		Table 4-S	the Lower Squamish Landscape Unit, not the Howe Landscape Unit.	Use	/-		follows (changes in red): The Howe Lawseever Lower Squamish Landscape Unit (South-		
		Resourc	e Distr		- 1						Coast Region Sustainable Management Nan Sea to Sky Land		.1
		Speciali:	st								and Resource Management Plan) contains several forms of forest tenuros including: woodlots and forest and timber		
84	4 30-M	y-14 Frank		R - Sea to da	ASR	Page 114, S	Consider the patential mitigation for outdoor recreation impacted	Land and Resource	Yas		WLNG confirms that those relitigation measures will be	Rosolved to EAO's sotisfaction.	
		DeGage Land &		Natural		7.4.3	activities, may include: a) allowances for public access to the forny for recreational purposes, and b) providing a safe planned route through	Use	No]	considered, subject to the safety requirements.		
		Resource	e Distr	nict			the development to accommodate through traffic to access recreation opportunities.						
												•	
8	5 30-M	iy-14 Frank DeGagn		R - Sea to di Natural	AIR	Table 7-3	Potential advarse effects on linear infrastructure may be indicated by the levels of forest harvesting, in addition to how those harvesting levels	Land and Resource Use	yes	Permitting Requirement	WLNG acknowledges this comment. The Land and Resource Use VC includes a forestry sub-component,	Resolved to EAO's satisfaction.	
		Land & Resource		ource det			are scheduled during LNG construction. Coordinating these activities may best be addressed by a road use agreement for the road permit		No				
		Special					between all road users.						
80	6 30-M	ry-14 Frank DeGagr	ia, Sky I	R - Sea to Vi Natural	c	Appendix A	Suggest that Forest Health be added as a valuest component (Environment)	Land and Resource Use	No		WLNG appreciates the suggestion, however, 'forest health' will not be included as a VC.	Resolved to EAO's satisfaction.	
		Land & Resource	Resc	nurce							Part of the process of selecting VCs was to minimize		
		Special		- I						1	redundancy and duplication. Although forest health was not		
											Included in the candidate list of VCs, native vegetation is considered as part of the Vegetation Communities VC. We		
										1	believe that this is appropriate given the minimal amount of clearing associated with the Project.		
	7 30-M	ay-14 Frank	FLM	R - Sea to V	c	Appendix A	Suggest that Wildfire he added as a valued component (Environment)	Land and Resource	No		WLNG appreciates the suggestion, however 'wildfire' will not be	Unresolved - Section 12.0 (s offects of the environment on the project	
u .	1	DeGogr Land &	ne, Sky I	Natural				Use	-		Included as a valued component. Wildfire will be considered in Section 10 [Effocts of the Environment on the Project].	and the second	
		Reșclure	te Dist	nict							to feature of the standiment of the stalast)		
ß	8 30-M	Speciali 29-14 Paula	Tran	isport d	AIR	General	TC notes that there is no mention of any impacts associated with the	Land and Resource	Yes	Application	WLNG acknowledges this comment and will include	Uhresolved -changes to the dAIR required -	
	1	Doucet Senior		ada (TC)		•	proposed flare stack on air navigation. Howe Sound may have VFR Roatplane and helicopter traffic. The flare stack must be assessed for	usé	No	neview	consideration of air navigation in the transportation parties of Community infrastructure and Services sub-component.	Provide a statement in the dAIR to reflect this commitment.	
	1	Environ ntai Off					marking and lighting under the Canadian Aviation Regulations (CAR) 501. The information on the location, height and characteristics of the		1		WLNG commits to following the appropriate permitting		
	1						obstacle as well as the lighting and marking will probably have to be published in the Aeronautical Information Publications as appropriate.				procedures. Through NavCanada we will register any new structures using the Land Use Submission Form to mitigate		
							Impacts to air navigation should be ceptured in the dAIR.				possible effects to air traffic. The Proponent will also be		
	1						in addition the height may have some impact on NavCanada's				registering in the Accountable Source System (ACS) for Transport Canada.		
	1		1				procedures. They should be contacted and provided information on the location, height and characteristics of the obstacte. They can be						
	1						contacted and the information provided through the process described fon their website at: http://www.navcinada.ca/en/oroducts-and-						
`	1			ļ		1	an znar wepsite at: http://www.navcanaoa.ca/en/produces-ano- services/Pages/land-use-program.aspx.						
						1			1	1			

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Contriant Cit	Submitted	Submitter TETE and TES 4 Russell Induye, Fire	Agazon Afrika Ion Squamish Fire	VC	749 704077 8 7.4.3	Contract/Using Designation/Surveyted Coopers. The form and structure of The buildings and floaning structures including the surrounding support structures will impact the tourism and outdoor	Givzon/Theme	Change to the craft VC selection/dAl Staquinet? No	Application Recisionation Permitting Requirements	2010 (11) Electronic Socielon 7,5 - Visual Quality will address potential Project Interactions, with Yakaal Quality VC and proposed milligation.	SCOVENING IN THE REPORT	neperinty of beieg Report Actor
		Chief			Interaction	necreation view: cape. These issues should be addressed including potential mitigation factors.				The objective of the visual account is to identify and detarnine partnitist invject-cataget visual offects and acchietice in growing match to the existing visual baceline conditions. The assessment will identify and evaluate potential adverse offects of all phases of the project on the Visual Quality VC.		
×	30-May-14	4 Frank DeGøgne, Land & Resource Specialist	FLNR - Sea to Sky Natural Resource District	dajR		Visual Quality is also an informiciaire component of the "Lind and leastorne Usi" (based on the requirement for forestry operations (cat blocks and reach) to manage for scenic Operative setablished by the Government Activer, Regulation (GAR). The Sas to Silv Natural Resource Operate Leavently initiating a project to review and update the scenic and sixual ptality objectives for the corridor. This process will also update viewpoints, and include viewpoint(c) in the Sea to Silv Gondola location. Correction: Disjectives and Stategies for analogy of update the scenic of the scenic of the scenic possible of the scene scene and scene and scene and the scene of the s	Visual Quality	yes Na		Our underschnlichte is that addressing visioal equility objectives is a legal requirement for Forestry Seventiship Plane, but does not pertain to other resource use. Visual quality objectives are often included in regional plane, and will be considered in our assessment.	Unerschool - widi The Application Include a inforement to the draft Visual Quality objectives for the See In Six Nature Resource District, if available? If so add this commitment to the dAIR, if not provide a rationale why.	
91	30-May-14	4 Frank DeGagnor, Land & Resource Specialist	FLMR - Sea to Sky Natural Resource District		\$7.5.2 p128	Existing conditions, Corractions For PLAR the official district office name has changed to "Saa to Sky Natural Resource District" - not Squamish platrict, could be confused with the municipality/District of Squamish (DOS).	Visual Quality	yes		WUNG has noted the change to the district office name (changes in red); Section 7.3.2. Bullet 1 Docktop network of existing information including available local plans, golicy documents, sensit photographs, maps and hoperpophoid anywey. The visual resources for this Project area have been established and made available through the events approved Stricth (MOS 1927), with origing amendments through the Streemini-Datates Office Set to Sky Natural Resource Datated and MELKRC;	Resolved to EAC's satisfaction - changes reflected in the dAIR.	
91	26-May-1	4 Yota Hatziantoni du, Regional Environme Intal Assessmen T Coordinato	Health Canada	dAIR		HC prefers that the "Public Health" VC be resided "Human Health" VC, so that it is inclusive of both public and Abortginal health considerations.	Public Health	À62	Application Review	Woodfibre deer not intend to cardius a biorignal histah by drin Public Health as the VC name. Aborghen heath by drin Included. The term Public Health is used because tha BA will include a type of Human Health Risk Assessment (HMRA). The INHRA will include some scalo-economic indicators in addition to the risk paleutistions.	Unrecoled - Changes to this dAIR required - Clearly define what WNGL means by "public health" in the dAIR (inclusive of Abortginal health), or change to human health as recommended by HC.	•
2	2-Jun-1-	Leedham. on bohalf of MoE and	Ministry of Environmenta Environmenta Protection, Of & Gas/LNG Team	վ	Appendix A, pg. 1	Comparison of gradieted smallerit air concentrations to the MOE recommande guidelines, including the health-back of guidelines from the WHO and the US EPA. A Human Health Risk Adestament where precisions will be compared with thesi guidelines is necessary. If the predicted concentrations are higher than publicled thresholds, or have a contentration for bo 3, then the fixt to human health (quantitative risk assumment) must be actisated through des- response curves or equivable. It will be important to understand the predicted combined effect of SO2 and NO2 on human health, important clements: • which CACs will be gassased • comparisons of ambient air concentrations to guidelines beyond provincial and facters to hackade VHO and the US EPA. • quantitative fast assumment if guidelines are excluded (using dos- response relax assumment)	Public Health	ves	Application Review	A Human Health Risk Accessment based on predicted emission will be conclusioned by produced concentrations exceed at cus/Ny guidelines and this will be datamined in the problem formulation steps of the risk seasons. Comulative effects of substances acting on the same task/ediaplein indipatits will also be individed based on the results of the problem (from/bubles, Concentrations) identified in the air quality emission inventory (Kely CAS: and VCO) will be assessed. Bupcare prevends are typically 1-by, 24-bit and annual but some of the chorter exposure durations or yightighty synchronic will be imatched by air quality standard (Le., 10 minutes or right) rA- screaming purposes - WHO and USEPA can be included in the screaming.	Section 9.2.1 Public Health Scoping and Rationale	

Comment.	Diita Submitted	Susaiker Danis and SUS Danes LU	Agency/Adult Non	Contrient relevant to crait VC selection or d/UR VC	Rulairant rection and raige number	Sonnya / Nac Discology / Jacobie Olympus The Valued Component dentifies under the Health Pillar or concerned	Chugory metro	Change to the drift VC selection/d/d Scequired?	Application Riviewand/Or Permitting Requirements	Projectoria Disponte Degularizon health, labour market and postalinability, economy,	ACCASTISTICATION CONTRACTOR AND A CONTRACT	Proposentis follow-up Rescurst/Action
	2 / TOUY 14	and Paul Andreau Martiquot, Ministry Health Officers	Coasta Pesith (VCH)		dAIR-page 29	andly of the suscessing officiant to human health from the changes in the individed and/someth the mither occurs from this cardiac face, artic water, ambient (git) and noise). Yuman health is also determined by other factors such a enalgement, housing, recentational opportunities, and social networks/sories of community belonging, Most al the missing water determined to the social state of the missing media to designifications in the social state of the missing media to designifications in the social state of the missing water of the social state of the social state of the missing water of the social state of the social state of the missing water of the social state of the social state of the social state of the social state of the social state of the social state of the social state of the social state of the social Recommendation: it was two valued components (VC2) under the Health Pillar with these subcomponents; 1. Population Health (State and States) and Demographics - Population health states beloaters are not listed in the divide of the dVC2 as information the proprietion frains together and the social of the divide and even begin specifies the possible impacts of the strolget to the community.				Infrastructure community revolves, Land resulties us and varia analyto naiview and the proteinder a sear of the social commutes and a summary of the detailed analyses and Inkeges to public health will be provided in the public health section.		
				•		• Population hashift data labout be compilited and compared for the Local Study Area, the Regional Study Area and the Province. The health data should be included as part of the Health Pillar indicators. Data elements about includes a spart of the Health Pillar indicators. Data elements about includes a compared to the Health Pillar indicators. Data elements about includes a spart of the Health Pillar indicators. Data elements about includes a spart of the Health Pillar indicators. Data elements about includes a spart of the Health Pillar indicators and the pillar and the pillar and the pillar and the pillar indicators and the pillar and the pillar and the pillar and the pillar indicators and the pillar and the pi						
×.					Figura 4-26	subVC: Infrastructure and Community Services, Land and Resource Use — Crocs Taik to the VC. In the Social Pflan: The would capture issues that could affect population healthy such as impacts to heuring cost and analability, domain for community and educational accounts, domain, for anargancy services. In addition impacts to neurostanos tas within includes the Health Canada Social for the Mark Mark Capture Isolading scender opposes and a frim Mark and Sathan Arex Stin Includes the Health Canada Social for the Mark Mark Capture Isolading scender opposes active at frim Mark and Sathan Harvestin and comumption. Also of relevance is the Nova Sound Water Quality Usidaliants (Thom Mod.) (when the dealing level of waste Gathanger Inte Harves Saund from Industrial, commercial and reclaration and schulter, a minialakin impaction. La deal social you asso the potential impacts to increational accounter, all Mathing basecher, recreation and sessional and reclaration accounter, all Mathing bascher, recreation and sessional be indicated on Egure 4-28 (PrAA).	3			· · · · · · · · · · · · · · · · · · ·		
					figure 4-23	+subVC: Visual Quality – Changes In scenic values has an affect on quality of Ile. The ViHO European Obstrer on Simiroament and Health 2005, status that signed health and well being result as data and harmenious environment in which — southetic lacture are given their and the importance. The second status are given their manner built results accleding to tailout and part also amounts of the second and the second status and part of assessments should not built built of the shipping route and part bias assessments should not built built of the shipping route and part bias assessments should not built built of the shipping route and part bias recreation regionals readents and interve the shipping route and part bias recreations regional eards that status restrict waters. The outdoor increation regions accessment are bias wells are 23 should be expended to include seems beach, Cattermole slough and Squarmith Marina, the are around the title suff spit (and perhaps other marina's such as HS Bay/R).	- - a					

oorment IDE Subritted	Su Strifter Sans and	Astron Joction	dair?	Fultyant srol on and page number	Company/JacuelDescription/Suggesting Chingss	Falsaon/Thimes	Chango to the Arate VC select on/dA R rescured?	App leation nev accord/or Permissing Recursprent?	Projectals support	SAT-Stansversel Recomp	Proponesta Followay. Responesta Followay.
\$3 27-May-14	James Lou and Poul Martiquet, Ministry Health Officers	Vancouver Goastal Health	VC dAIR		2. Public Health +Add a szök/CK Water Systems – Proponent neods to Inclusion ansaksment of diskting potentials and non-potebile water systems as defined by the <i>Orninality Water</i> Publication are top commissions with the Att and in comparison with the water guality standards established by the <i>Guidelines of Canadian Diriving Water</i> Quality and any other relevant legislation or Bost Management Practing Guidelines. New graposad waters publy system of urgands to calability ones requires Construction Permit in advance from the Netsth Authority. Water systems assessments must consider commissions table studies and scitizate and include protothere massures for all proposed patchels water sources (cance), graund or marino [Common Table 18 to Water systems focated in temporal boundaries]. • Within confirmation that there are to domestit water licences/private water systems located within the Woodfibre and Mit Grave trademation and ones of commany that the signalian. Autor systems togethere to be compared to a subject to the Standards systems togethere to the Standards of the signal and existing Baguitant. Also systems togethere to the Standards of the Woodfibre and Mit Grave Waternahest water systems and opeon outfails comply with the K Woodfibre and Mit guidants or new couplex to the R Stanwarg System Regulation. Also written confirmation that public to proposal and existing Baguitant water systems and opeon outfails comply with the K Water Regulations permitting requirements, and any other locatent legislation and area publicelines, i.e., the Howe Sound Water Quality Guidelines, i.e., the Howe Sound Water Quality Guidelines, and a starguidants.	Public Health	Yes	Permeting Reculrement	All requestes information is already contidence discovere within the EAC application and will be creas-referenced as appropriate. Water systems is already presented under the Surface Water Loardity/Quality/C - the public health assessment is related th the offication of changes to water quality on people's health, hung, a sub-companient for Water Systems is not deemed applicable. Sexuge cloped is Currently permitted to discharge into Avee Sound, A new treatment plant, will be constructed as part of the height and parmitted stratight will be constructed as part of the height and parmitted stratight will be constructed as part of the height and parmitted stratight will be constructed as part of the height and parmitted stratight will be constructed as part of the height and parmitted stratight will be constructed as part of the height and the SAC application. Thus, includen of a liquid Wates Management sub-component to Public Health is net decemed applicable. Air Quality is already a C undor the all quality assessment is hubble health assessment is raised to the effects of all quality applicable.		
					It is unknown how the proponent plant to manage weste discharge (new vossels, islailly shore sewerings services would be pravided to vessis while in dock, if vessi waste discharge into Hows Sound Is to be part of the standard organiting procedure, the potential effect of the waste discharge on nearby summer camps and secretational waters must be addressed.						
-			vc	Table 1, pg.	• Aidd a subVC: Air Quality - Air ortherib as shown under Table 1 should also include IAS and cardinal title central and the table of the Health Canada rays on the working group. U chankel cent in the Health Canada Air Shee Management Pari grain and objectives in addeen to provincial and federal regulations and BMP guildelines. The choice aux centrals hydro power as the primary supply varius neuronal as and the pathonal of table an regulations and BMP guildelines. The choice aux centrals hydro power as the primary supply varius neuronal as and the pathonal of table an regulation and BMP guildelines. The choice aux centrals protection guals of the Air Shed Management Plan. It is not chair the potential air quality effects on human health will be adapted young to central Ad Quipetres. The mode outputs headth VC whether the potential air quality effects on human health will be adapted youngs to central Ad Quipetres. The mode outputs integet to be inputs into shafe Ad Quipetres. The mode outputs headth field will be adapted integet and and the headth field. Shafe dualstatin in terms of emotion and inclusion integet to be inputs into shafe Ad Quipetres. The mode outputs central and a constant and modeling to a montality and modeling tege. For Criteria Air Constantianation, CC, PZS CO, Careno, and PMA.			· · ·		•	
96 27-May-	14 James Lu and Paul Martiques, Allinistry Health Officers	Vancouver Coastal Hoold	VC	1 Map 4-20	3. Emergency Response • Emergency Encice, milligation and response plans must be established in conjunction with heat, regional, provide land (adval- governiment services and emergency operations shaft. The emergency services assessment area may 4-24 bit limited to the project atle and abapting routes only. This should be capanded to include the emmunitions in those Sound, an weat limit when the project atle and include in the ART. This plan should include double regarding spills flooth on limit and water) of all, gas, mercury and other hozardious matching limit and water of all, gas, mercury and other hozardious matching limit, this plan should include double regarding spills flooth on limit and water) of all, gas, mercury and other hozardious matching limit, emergency power liss and that oue, foldity file or esplositoms, LNG emissions, transportation acidents, etc. •A Transport Chandar TRAMPOL (Technical Review Process of Marino Terminias and Transhprent Striscy reviewe should be required for the project to assess the naviestional risks associated with the proposal Results of the review should be part of AIR.	Emergency Response	No		The Application Information Requirements (AIR) is a document that liams/flac the Information Requirements (AIR) is a document that liams/flac the Information that VIVIG is required to provide in the EAC application. VIVIG assume that VIV is requesting the information bounduring in the EAC application and not the AR. VIV.NG agrees: that emergency services response must be coordinated between all sected of government services. Newween, an assessment of the certical shipping rate (2013) and by-wise setablished shipping rates and the Project will transfer in according with the Canada shipping rate (2013) and by-wise setablished shipping rates and and hadiunctions (Section 13) so wells specific Environmental Management Plant (Section 13), Detailed inacquery services at the particular of the section 21 be applied. Sure at the particular stage of the Project. "A TERMPD, review will be conducted for the Project however the TEMAPD, assessment will notice to emplify any Project has applied for the EA candidate for the TEMAPD, assessment will notice to emplify any and the TEMAPD, review will be conducted for the Project however the TEMAPD, assessment will notice to emplify any project has applied for the EA certificate.	e (indicate who is the responsible agency for approval of datallod emergency response plans during permitting,	
97 2-Jun-	-14 Ximberly Needham, Diractor of Planning and Developme		dair .		Should take into consideration psychological impacts within the LAA (20x20km) and RAA (50x40km). Should also include more than just those spending time at/on the site or recentional users nearby, but those permanent residence. In the Howe Sound.	Public Health	Yeş	Application Review	The Public Health VC has been amended to include a community health and well-being sub-component. This section will condified e determinionits and parameters of community health and wellbeing, including income slocifol and drug abuse came, community connectedness, and stress.	The LAA and RAA include District of Squamish, Electoral Area D of the SLRD, RMDW, and Squamish	

										~	
Commint 9 IER	Data- Nomiced 2-Jup-14	Silamitor nan gand ille Kelle	Aporto/Affilia Jot Ministry of	Comment relevantio draft VE valacilori or do Ri dark	Relavant stellon hind starp number Pg 59,	Connery Anna Perio (167) Strate (167) Controls (1 The proponent should be saver a the same of the BC/Consultan ambient	California (20) and a	Change to the draftVC soluct on/dA AroquictE2 Tes	Application Reviewend/or Permitting Recultement? Application	Perpendent / Schoren) The Med will be consulted as early as possible in the modeling	2407 Anti-Institute Tousiers
		Leedham, on behalf of MoE and MoH, Manager, Operations	Environmenta Environmenta Protection, di & Gas/LNG Team		Section 5.9	galadinacyclojącetkos (302 and NQ3 are not to be usual in the detaminiation of any health effects. The proponent should contact the UKS AF Luality Speciality Komran.mscomick@gark.bc.ci is a son as breakle to discuss the dispersion modeling plan. The modelling plan should include CASC (as Read in Table S.2) as walls a ony CEPA NPR administration of the second of the second second plant should also quantify the loss of any working fillid a luming parations. The thread administration of the second second second second second construction activities. The effects assessment daving spectration should all include upon and emergency "administro The associated shoping administration activities to should be available and the second shoping administration activities to their and lug travel threaghout the RAA and all herds. With	Abrospheric Environment (Alr Quality)	No	Review	process. This will include providen of a conceptual and dealled model plan for Mar Conditariona and review. This approach is consistent with the BC MoS Air Obsparrion Modelling Galdelines (2008). The models plans will deall the all consistent but will be apartified and assessed isseed on Project specific engineering include consideration of emergency scenarios. The effects assessment will include consideration al Direct specific hasses and emissions from shipping activities associated with the Project has all considerations will be accounted as part of the duble health backboards and theread, the advances of the duble health scenarios and theread of the consideration and intermational jurisdictions will be compared and a catomic will be provided for solection of environmental screening oriteria.	Provide an upparte on the status of the air modelling analysis, and appand meeting summaries if applicable.
99		Leecham, on behalf of MoE and	Ministry of Environmental Protection, Oli & Gas/LNG Team	dal i	Section 9.0	Oxidance Documents on MRA, MaH	Public Health	Yes	Application Review	Guidance documents for risk assessment.	Unresolved - changes to the dAIR required - Table 9-2: Potential Adverse Effects and Propaged indicators for the Public Health VC (under "Indicators") + Human health risk assessment will follow Health Canada Quidence on risk assessment and risk estimates will be compared to acceptable fick keels determined by Health Canada and the MOE, including, WHO and US EPA ambient air concentration guidelines for HO2 and SO2, if the predicted concentrations are higher than publiched Brossholds on have a concentration rabe 21, then the risk including, down-response data to assess the patiential for acute and chronic health risk of antitive neerging A. In <i>the argCitemina</i> many table assess the patiential will be assessed. Then risk assessment will also include predicted combined effects of SO2 and XO2 (trappresent) intrate); and other contaminants that have the same mode of action and/or target organs or fitzue. (WNGL to determine if this wording satullies MoE/MC/VCH)
100		Leedham, on behalf of MoE and	Ministry of Environmente Environmental Protection, Of & Gas/LNG Team	GAIR	Pg 125 Section 9.D	The Applications should provide the complete HHMA report os bedniadt appendix, following a standard HHMA removerk se per standis Canada paldance, Le, Problem Formulation, Spessare Assessment, Texifility Adlessment, Hisk Characterization, Mex	Public Health	No	Application Review	The Turnan health risk assessment will follow result Conde Guidence documents for risk assessment and will be presented as technical appendix as requested.	Unreceived - changes to the dAIR required - Section 9.2.2 Invitic Health Scaping and Rationale (end of First paragraph) health and wall-being. The complete human health risk pasestment report will be appended to the Application. Jelowing standard: Hrild Framework as per Health Canada guidance, Je., Poblam Fermulation, Reposere Assessment, Toxicity Assessment, Rick Chanada guidance, Je., Poblam Fermulation, Reposere Assessment, Toxicity Assessment, Rick Chanada guidance, Je., Poblam Fermulation, Exposere Assessment, Toxicity Assessment, Rick Chanada will also be provided for those capposere ability in the resecutive from Further assessment.
201	2-Jun-14	Leedhom, on beholf of MoE and MoH,	Ministry of Environment- Environmenta Protaction, Oli & Gas/LNG Team	CAIR	9g 126, Table 9-1	Where elogicatives or remarked are not-module to sufficiently orienterities of human health, the assessment theorie freit to other particulations (s.g., VSBA, VVHO), leve that the current BCAAQDs for SO2 and VO3 are not conducted sufficiently protective of human health. Mort	Public Health	No	Application Review	Plage see response to commonis 93 and 116,	Unresolved - changes to the dAIR required -
102	2-Jun-14	Leadham, on behalf of MoE and	Ministry of Environmental Environmental Protection, Oli & Gas/LNG Team	dair _	Pg 126, Section 9.2,3	The WHRA Lipsilit consider the effect of deminds matures as per health Danabe HHRA guidense. When application, index emission may be parement for download with a make of a cathon and/or zome target data on citacus. Ca cample, oki estimation for NO2 and SO2 are commonly cummed, along with other charminals identified as "respiratory mitants," MoH	Public Health	No	Application Review	Player and responds to comments 93 and 116.	Unresolved - changes to the dAIR required -
103	2-Jun-14	Leedbarn, on bahalf of MoE and	Ministry of Environment- Environmenta Protection, Oli & Gas/UNG Team	α4) R		To support the scope of the HHAA and in accorrance with Health Canada HHAA guidance, the HHAA enriched report hould hold under classified conceptual reacts of all contaminants of potential concern, potential concernance, and receptors, including rectandle for the inclusion or azclusion of operative and inoperative pathways. MoH	Public Health	No	Application Raview	The turnan health risk assessment will provide a detailed conceptual model. The problem forwallation accident of the human health risk assessment and associated ascensing agendicas will accument the calcumation of contaminans of pathwale takes accument the schedured for themas exposure pathwale takes are accluded from three assessment. The problem formulation will also be provided for these aspessive pathwales take are accluded from three assessments. The pathwale takes are accluded from three assessments. The problem formulation will be consistent with health Canada Guidance as per responses to commence 93 and 116.	Umrezofind - changes to the dAIR required -
104	2-Jun-14	Leedham, an behalf of MoE and	Ministry of Environment Environmenta Protection, Oli & Gas/LNG Team	dAIR	Pg 126, Table 9-1	The staff suggests that dismittible of potential concern will be streamed basinst environment abasility guidate-planaistic of objectives in the HIME. However, the start of these limits may not adectuately characterian human holds fack separation will be assess there they are developed basing on other factors such a technological constraints, etc. Consequently, the HIMA should include carelysis of size-response data to assess the patential factor and and drained basing on the state and	Public Hesith	Yes	Application Review	Please sae response to comments 93 and 116.	Unresolved - changes to the BAIR requires - see comment 93.

Com T Ev	071 03 11	ite Limitted ZeMayerc		Aganov (Afrilla Rom Souton 20 Free	Communt Nacionalis Craft VC Nacion Ar da m	Relayant saciloji and tran humbar	Comment/ Skie Dovojnični Auganies Campio	GatusopyThNms	Ganze to the craft VC selection/d/u R raniul cod?	Appleston Riverward/ar Parmating Radu runjent2	Propositi Gitasena	EAG Assessment of Regense	Prostant & Oleman Resout / Acien
		.	Chief		GAIK :		The document should identify included, events and the mitigation measures to be understain during construction and operating plause. To include but not be limited to; Sincture fires Wild Land fires Mainte Vascal fires Mainte Vascal Indonti Loading dock/ gas transfor fires Harman (takden said aglis).	Accidents and Malfunctions	-	OGC Permitting Requirgment	WING schenwindiges this comment and agrees that specific optimula sciedness and mail your loss an important to identify and implement misipation messitres (or. Section 11 of the dAlk identifies; the preliminary list of potential activitients and mail/unctions that will be considered, A preliminary list of environmental management plant & included in Section 33 of the dAlk, including a or Accidents and Mailunctiere Monagement Plan.	Unresolved - Marc Information required - Please identify the responsible agency that will review and approve the amorgancy response plans. The comment sposks to mitigation measures to reduce the potential for accidents and mail unctions. Indicate this information equiferement in the GAIR or update the GAIR to induce information related to the requirement for information on mitigation measures, if applicable.	
							Tomer Crance, Reczue Canfinad Space Reczue Banthauskia, and Sinyuctural collapso Medical entregenical Digilozion Mostr Vahilde Academis Industral Academis and Shangjantant. Rescue Grand Sacorta Marketau Prech and Salt Water Rescue	-			WLNG would like to note that the permitting places for the Project will incluse more detailed both for programy resonce to potential accidents or malfunctions, for e.g. Tower Cranc Rescue or Confined Space Rescue. The required component of the emergency response alem will be determined during detailed design place. These response plans are not included in the EAC Application. WLNG will comply with all WorkSofo BC requirements.		
	106		Paula Dolucatte, Senior Environme ntal Officer	Transport Canodo (TC)		p137, Section 17.0	in the first three builets TC recommend site addition of the descriptor 'proposed' to 'project'.	Aboriginal Interosts	Yes	Application Review	The definition of 'Project' In Section 2.0 of the dAIR has been amonded changes in red): This section will present a description of Woodflive LVG Ltd (Proponent) as well as a Project Doscription for the proposed Woodflive LNG Project (Project).	Resolved to EAO's sotisfaction	
		l									The new definition of the term 'Project' indicates that it is a proposed project. The use of the word 'proposed' has been emended accordingly where it oppears in the BAIR.		
	107		Paula Doucatte, Senior Environma ntal Officar	Transport Conada (TC)		p140, Section 20	The way field cention corrently result including the Table 20.2, does this clearly outline/capture key considerations (peaclife incuss and concerns and by Aberlynial groups, the measures proposed, and those and table to adequate of this mitigation measures proposed, and this departs to which be incluses are considered resident of adequates (percentify, and and the pertine) and may not result in adequate tectoring.	Aboriginal interests	Yas Na	Application Review	same format as this Working Group tracking table) is being	Unissibled - changes to the GNR required - EAQ will follow-up with TG and WNGs to ensure appropriate tracking of potential actorse effects of the project on Abarginal Interes, the measures proposed is miligible those effects and the degree to which the issues are considered resolved or addressed by the proponent and/or other parties.	
-						i	Tc has the following suggested revisions for paragraph 2 (bg 140): - The applications will include an Aboriginal issue: Tracking Table that summarizes the powerbal adverse elicities of the propaced register on Aboriginal interests, the measures proposed to miligate those effects, and the dargere set which the issues are conditionar facebook of padratest by the proponent native abute participal groups in An appendix the contains commense raised by Aboriginal groups in the appendix the contains commense raised by Aboriginal groups in the participation of the contains commense raised by Aboriginal groups in the appendix the abute contains commense raised by Aboriginal groups in the appendix the abute contains commense raised by Aboriginal groups in the abute the abute				As part of the SA process, a separate 'Alteriginal Groups Consultation Document' is being developed that will outline the consultation process with Aborginal groups.		
							relation to the proposed project (Engagement Logs)						
105	30			Sunshine Coast Regional District	dAIR		f) Public Meetings During each public consultation period, a public meeting should be arranged in the Gibsons area;	Public Consultation	No		The formal EAO public meeting locations are determined by the EAO.	EAD responded in a letter to SCRD. EAD will consider holding an open house on the Sunchine Coast (Gibsons) during public consultation on the Propenet Application during the Application Review stage of the environmental	
		i	Planner)									arten auronaar zyhteminen on ult tun ytenenna vesten zesten zitte annazillenen arten auronaarte zyhteminen on ult tun ytenenna vesten zesten zitte annazillenen	
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	109	30-May-14	(Cavid	Sunshing Coast Regiona District	dair		g) Additional comments may be provided by the SCRD during the public consultation period for the draft AR;	Public Consultation	No	<u> </u>	WING acknowledges this comment.	EAO will consider all public comments, comments from First Nations and the commence from the Advisory Working Group in finalizing the Application information Requirements (AR).	
	110	30-May-14	SCRD (David	Sunshine Coast Regiona Olstrict	ealfi		ANO THAT the Environmental Advectment Office to requested to provide additional communication regarding public information meetings that will be held in Gibsons and area.	Public Consultation	Na .		Communications regarding public consultation meetings are determined by the EAQ.	Sae abova, comment 108.	
PROP	ONENTA	NITIATED	Planner)	ASSESSESSESSES	的复数化学的复数形式			and a constant of the second	a <u>ale o klimicz o</u> st	- Azarzego Benezel	an a		u skolanski presilava se se se s

Date: May 27, 2014 File: Revision:

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	S 10 m H	Stiberitter name and of 1916	Agunty/Atti	in selection or dAIR?	Relevant Section and Page In many	Commont/ His & Downstier/Suggested Clanges	Severa / Theme	Change to the draft VC selection/d/U BritguiredT	Appikation Review and/or Parciting Raquirum (ct)	Proponiné 9 Rušania	EAR Assumption Fragment	Procinent's follow-up Response/Action
1:	11			dair VC	section 5.12	Marbidg murrelets has been ranoved as a subcomponent of the Ardiana VC. Marbide Murrelet was hindly opposed for condecation as a VC based on antidiated monagement concern. Taking additional (information regarding project diagra and diagra hito condiscriber, hit postantial for marbide murralets to apprieries Project-related effects is now considered negligible.					Umreacioed – further discussions with FLNR and CV/S is required. It seems that Marblad Murrelnt will be inclusted in Marbin Birls VCT With Schwidz gravid es clear nationale explaining which species at risk would be included in the assessment and which would not.	
1	22			dair . VC	section 5.14 VC Appendix A	GRZIY Bear has been removed as a VC. GRZIY bear was included as a VC because of its regulatory importance and our agenemic with other antweamental assessments on Howe solution of the the an expectition of others of fetch season on rulk-square discussions with the Ministry of Foretas, Lands and Nitural Reduces Operations (FURD) and the SA, we do not believe that FURO will require grizzly bear to be included as a VC.					Resolved to EAC's satisfaction.	
1	13			dair VC	4-2, section	The manne buffer for the Commondst Marine Use boundary and the Land and Resource Use Marine Based Outdoor Recreation subcomponent has been reduced from 5km to 2km.					Unresolved - please provide a mitionale for the change, Purther discussions with TC required.	
	14			dair VC	Figures	Figures have been updated to railest the most up-to-date Project layout and study and assassment boundaries. In addition, the number of figures has been reduced, as we have combined overlapping study areas for VCs into one figure, where feasible.					Resolved to EAO's sutisfaction.	
115		· ·	EAD .	GAR VC		(det)ble. (det)ble.						
						· .						
3	116 11-Ja	ul-14	EAO	dair.	List of Figures	EAD recommends the dAIR includes a pathway of effects figure, that clearly depicts the interaction boween IC2 and VC2. This figure will help the recoder understand how data from the IC3 will deal that the significant determination of VCs in the EAC Application.	e					

Date: May 27, 2014 File: Revision: Page 117 redacted for the following reason: s.16

Mayall, Jane EAO:EX

From:	
Sent:	
To:	
Cc:	
Subject:	

Smith, Alanya C EAO:EX Thursday, July 10, 2014 9:41 AM 'Byng Giraud' 'Amanda Zinter'; Paulson, Amber EAO:EX; Mayall, Jane EAO:EX 30050-20/WLNG-05-06 RE: Woodfibre LNG meeting

Hello Byng,

The 23rd at 10 am works for us. We will book a boardroom. Please let us know who will attend and suggest any agenda topics to discuss.

Thanks, Alanya

-----Original Message-----From: Byng Giraud [mailto:byng_giraud@wlng.ca] Sent: Thursday, July 10, 2014 8:10 AM To: Smith, Alanya C EAO:EX Cc: Amanda Zinter; Paulson, Amber EAO:EX; Mayall, Jane EAO:EX Subject: RE: Woodfibre LNG meeting

Alanya,

Do you mean 22nd or 23rd? If so I would like to request we meet on Wednesday the 23rd at your offices at your proposed time.

Thanks again.

Byng

-----Original Message-----From: Smith, Alanya C EAO:EX [mailto:Alanya.Smith@gov.bc.ca] Sent: Wednesday, July 09, 2014 8:57 AM To: Byng Giraud Cc: Amanda Zinter; Paulson, Amber EAO:EX; Mayall, Jane EAO:EX Subject: RE: Woodfibre LNG meeting

Hello Byng,

Thank you. I am looking forward to working with you as well. I agree that it is a good idea to meet fairly soon although I'm away all next week. Are you available the following week? We could meet in Victoria on Tues or Wed between 10 - 12. Please let me know which works for your team.

Thank you, Alanya

-----Original Message-----From: Byng Giraud [mailto:byng_giraud@wlng.ca] Sent: Tuesday, July 8, 2014 5:03 PM To: Smith, Alanya C EAO:EX

> EAO-2014-00066 Page 118

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Cc: Amanda Zinter; Paulson, Amber EAO:EX Subject: Woodfibre LNG meeting

Alanya,

Welcome to the Woodfibre project. We look forward to working with you.

^{22's} but would like to arrange a meeting with you to bring you up to date on our approach and perspective and to provide any additional information. I think an initial meeting of the four of us would be helpful.

Perhaps sometime next week in Vancouver of Victoria? Let me know if that might work.

Thanks in advance.

Byng

VP Corporate Affairs Woodfibre LNG 778-233-6449

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2

Mayall, Jane EAO:EX

From:	Smith, Alanya C EAO:EX	,							
Sent:	Thursday, July 31, 2014 11:26 A	M							
То:	Lara Taylor (Itaylor@hemmera.c	Lara Taylor (Itaylor@hemmera.com); 'Byng Giraud'; 'Amanda Zinter'							
Cc:	Mayall, Jane EAO:EX; Paulson, A	Mayall, Jane EAO:EX; Paulson, Amber EAO:EX							
Subject:	30050-20/WLNG-05-06	FW: For Review: Draft #2 AIR for Woodfibre							
	LNG	· · · · · · · · · · · · · · · · · · ·							
Attachments:	WorkingGroup_WoodfibreLNG_comments_VC_AIR_Thorogood_ArchaeologyBranchFLN								
	RO_30July14.docx								

Comments from Arch Branch.

22.2

Note that 72°s and you may want to try and touch base with her today if you have questions

Thank you

From: Thorogood, Paula FLNR:EX
Sent: Wednesday, July 30, 2014 5:22 PM
To: Smith, Alanya C EAO:EX
Cc: Mayall, Jane EAO:EX; Paulson, Amber EAO:EX
Subject: RE: For Review: Draft #2 AIR for Woodfibre LNG

Hi Alanya,

Please find attached my initial comments (n=3) for the revised dAIR. Basically, until an Archaeological Impact Assessment is complete, we will not know whether archaeological sites are located within the proposed development, nor mitigate impacts to archaeological resources.

In regards to comment 1: I looked through our records and could only find a permit 2014-0188, to conduct an "Archaeological impact assessment of FortisBC Energy Inc.'s proposed Eagle Mountain - Woodfibre Gas Pipeline Corridor running from Eagle Mountain in Coquitlam to Woodfibre, southwest of Squamish" which I don't think is the right project.

Thanks,

Paula Thorogood | Archaeologist/Heritage Resource Specialist **Archaeology Branch** | Ministry of Forests, Lands and Natural Resource Operations Phone: 250-953-3300

Please provide your feedback on the proposed Woodfibre LNG draft Application Information Requirements documents (July 28, 2014 Version) in the table provided below. If applicable, please indicate in the last column whether the issue is relevant to the Application Review phase, Permitting or both. Please update the file name to include your name, agency and date before you return it to Alanya Smith by email at Alanya.Smith@gov.bc.ca.

Date: 30/07/2014	Name: Paula Thorogood	Title: Heritage Resource Specialist	Affiliation: Archaeology Branch, FLNRO
Date, 30/07/2014	Name. Faula morogoou	The neritage resource specialist	Anniation. Archaeology branch, FLINCO

Comment relevant to dAIR or other?	Relevant section and page number	Comment/ Issue Description/ Suggested Changes - Please be as specific as possible	Is a change to the dAIR required? [yes/no]	Application Review and/or Permitting Requirement?
dAIR/Other	Section 8 – Assessment of Potential Heritage Effects	To comply with legislative requirements, an Archaeological Impact Assessment (AIA) must be conducted under the terms and conditions of a Section 14 Inspection Permit, issued under the HCA. The Archaeology Branch cannot confirm at this time whether an application has been received for the study area.	No	Yes
Other	Section 8 – Assessment of Potential Heritage Effects	Until an AIA is completed, the Archaeology Branch will be unable to provide management recommendations for the proposed development.	No	Yes
dAIR	Section 8 – Assessment of Potential Heritage Effects	Only Squamish Nation is listed within the this Section of the dAIR; other Aboriginal groups may be identified as interested parties, per CAD (managed by MARR) – see response to Erin Hanson's comment regarding Section 2.2 (comment #5)	Yes	Yes

(To add additional rows: right click inside of the last row and select insert > insert rows below)

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