

Three Tables

1. Concordance Review Matrix.
2. Report Reviewers and Schedule Matrix.
3. Subcommittees Table.

July 27, 2011

Concordance Review Matrix		USACE	USFWS/ NOAA	NWCAA	Ecology	WDFW	WDNR	Whatcom County			Settlement Agreement	
Report	Section 404/Section 10	NEPA	ESA Consultation	Notice of Construction	Section 401	NPDES	HPA	Lease Agreement/ CP-ARMP Requirements	Shoreline Permit	Major Developme nt Permit	SEPA	Contingencies
1	Traffic Discipline Report	A								A	A	
2	Bird Habitats and Presence Report	A	A							A	A	
3	Stream and Fish Report	A	A		A	A	A		A	A	A	
4	Marine Habitat Characterization Report											
	<i>Essential Fish Habitat Evaluation</i>	A	A					A			A	
	<i>Rockfish Habitat Assessment</i>		A					A			A	
5	Marine Biota Report											
	<i>Forage Fish</i>	A	A	A			A	A	A	A	A	
	<i>Geoduck Investigation</i>	A	A		A	A	A	A, C	A	A	A	
	<i>Marine Vegetation Mapping</i>	A	A	A	A	A	A	A	A	A	A	A, D
	<i>Marine Invertebrates</i>	A	A	A	A	A	A	A	A	A	A	A, D
6	Stormwater Technical Information Report		A	A	A	A	A	A	A	A	A	A
7	Noise Impact (land) Report		A					A (marine)	A	A	A	
8	Biological Assessment	A		A				A				
9	Hydrology (land) Report											
	<i>Groundwater, Surface Water, Fresh Water Quality</i>	A	A		A	A	A, C		A	A	A	
10	Sediment, Tissue, and Water Quality Report											
	<i>Marine Sediment Characterization</i>	A	A		A	A	A, C	A, C	A	A	A	A, B, C, D
11	Air Quality Impact Report		A		A					A	A	
12	Marine Geotechnical Report	A, C	A		A	A	A, C	A, C	A	A	A	
13	Upland Geotechnical Report	A	A		A	A	A		A	A	A	
14	Hydrography (Marine Waves and Current) Report	A, C	A	A	A	A	A, C	A, C	A	A	A	A, C, D
15	Herring Behavior Report		A	A				A	A	A	A	A, B, D
16	Vessel Traffic Analysis Report	A	A	A	A	A	A	A	A	A	A	A, D

Updated: July 27, 2011

Legend:

A: Information provided by study supports decision making process

B: Study Plan review and approval needed

C: Permit(s) or Approvals needed to perform work

D: Settlement Agreement requirement

Report Reviewers & Schedule Matrix						
Report	Notes	Draft Available (Quarter)	Sub-committee(s)	Agencies	Individuals	
1 Traffic Discipline Report	Models project effects	Q3 2011	Land Transport	Ecology, Whatcom County	Barry Wenger, Loree' Randall, Roger McCarthy	
2 Bird Habitats and Presence Report	Adds 2011 survey data to previous data	Q3 2011	Wetland & Stream, Marine Env	WDNR, WDFW, Ecology, Whatcom County	Cyrilla Cook/Dennis Clark, Brian Williams, Loree' Randall, Wayne Fitch, Lyn Morgan-Hill	
3 Stream and Fish Report	Includes results of fishing in 2011	Q3 2011	Wetland & Stream, Marine Env	WDNR, WDFW, Ecology, Whatcom County	Cyrilla Cook/Dennis Clark, Brian Williams, Loree' Randall, Wayne Fitch, Lyn Morgan-Hill	
4 Marine Habitat Characterization Report	Includes marine fish habitat evaluation, including rockfish	Q3 2011	Marine Env	WDNR, WDFW, Ecology	Cyrilla Cook/Dennis Clark, Brian Williams, Loree' Randall	
5 Marine Biota Report	Includes geoduck, marine vegetation, forage fish, and marine invertebrates	Q3 2011	Marine Env	WDNR, WDFW, Ecology, Whatcom County	Cyrilla Cook/Dennis Clark, Brian Williams, Loree' Randall, Chad Yunge	
6 Stormwater Technical Information Report	Technical details on proposed management of stormwater	Q3 2011	Hydrology	WDNR, Ecology, Whatcom County	Cyrilla Cook, Kurt Baumgarten, Steve Hood, Loree' Randall, Susan Meyer, Roger McCarthy	
7 Noise Impact (land) Report	Modeling of future noise conditions	Q3 2011 (delayed)	Land Transport	Ecology, Whatcom County	Barry Wenger, Loree' Randall, Tyler Schroeder, Roger McCarthy	
8 Biological Assessment	Supports ESA consultation	Q3 2011 (delayed)	Wetland & Stream, Marine Env	Ecology, WDNR, WDFW, Corps, EPA, Whatcom County	Susan Meyer, Barry Wenger, Kurt Baumgarten, Steve Hood, Loree' Randall, Cyrilla Cook/Dennis Clark, Brian Williams, Wayne Fitch, Lyn Morgan-Hill	
9 Hydrology (land) Report	Includes surface water, groundwater, fresh water quality	Q4 2011	Hydrology	WDFW, Ecology, Corps, Whatcom County	Brian Williams, Jeff Kamps, Susan Meyer, Barry Wenger, Kurt Baumgarten, Steve Hood, Loree' Randall, Wayne Fitch, Lyn Morgan-Hill	
10 Marine Sediment, Tissue, and Water Quality Report	Includes marine sediment chemistry	Q4 2011	Marine Env	WDNR, WDFW, Ecology, Corps, Whatcom County	Cyrilla Cook/Dennis Clark, Brian Williams, Mark O'Toole, Allen Pleus, Barry Wenger, Steve Hood, Loree' Randall, Chad Yunge	
11 Air Quality Impact Report	Modeling of construction and operations	Q4 2011	Air Issues	NWCAA, Ecology, Whatcom County	Dan Mahar/Mark Buford, Alice Kelly, Barry Wenger, Loree' Randall, Tyler Schroeder, Roland Middleton, Jeff Hedgedus	
12 Marine Geotechnical Report	Seismic analysis, stratigraphy, grain size	Q4 2011	Marine Env	WDNR, WDFW, Ecology, Whatcom County	Cyrilla Cook, Brian Williams, Loree' Randall, Chad Yunge, Doug Goldthorp	
13 Upland Geotechnical Report	Seismic analysis, stratigraphy, grain size	Q1 2012	Hydrology	Ecology, Whatcom County	Loree' Randall, Chad Yunge, Doug Goldthorp	
14 Hydrography (Marine Wave and Current) Report	Includes wave, current, scour, etc.	Q1 2012	Marine Env	WDNR, Ecology, WDFW, Whatcom County	Cyrilla Cook/Dennis Clark, Kurt Baumgarten, Steve Hood, Loree' Randall, Brian Williams, Chad Yunge	
15 Herring Behavior Report	Evaluates specific questions related to herring behavior and wharf operations	Q3 2012	Marine Env	WDNR, WDFW, Ecology	Cyrilla Cook, Brian Williams, Mark O'Toole, Loree' Randall	
16 Vessel Traffic Analysis Report	Routing, moorage, risk minimization, etc.	TBD	Marine Vessel Traffic	Ecology, WDNR, WDFW, Corps, Coast Guard, Whatcom County	Cyrilla Cook, Norm Davis, Alice Kelly, Barry Wenger, Loree' Randall, TBD (Brian Williams in meantime), Chad Yunge	

Updated: July 27, 2011

MAP Team Subcommittees Table

Committee Topic	Details	Agencies	Individuals
Air Issues	Permits, green house gas, transportation air issues, non-stationary source impacts	NWCAA, Ecology, Whatcom County	Dan Mahar/Mark Buford, Justin Brant/Alice Kelly, Barry Wenger, Loree' Randall, Tyler Schroeder
Land Transportation	Roads, trains, air issues separate	WDFW, Ecology, Whatcom County	Jeff Kamps, Barry Wenger, Loree' Randall, Roger McCarthy
Marine Environment		WDNR, WDFW, Ecology, Whatcom County	Cyrilla Cook/Dennis Clark, Brian Williams, Mark O'Toole, Barry Wenger, Loree' Randall, Chad Yunge
Marine Vessel Traffic	Air issues separate	Ecology, WDFW, WDNR, Whatcom County	Barry Wenger, Norm Davis, Alice Kelly, Loree' Randall, WDFW to be assigned, Cyrilla Cook, Chad Yunge
Hydrology	Storm water, wetlands, streams, fish	WDFW, Ecology, WDNR, Corps, EPA, Whatcom County	Susan Meyer, Barry Wenger, Kurt Baumgarten, Steve Hood, Loree' Randall, Cyrilla Cook, Brian Williams, Jeff Kamps, Randel Perry, Krista Rave-Perkins, Wayne Fitch, Lyn Morgan-Hill
Wetland & Stream Impact Mitigation	Include new amphibian study	Ecology, WDNR, WDFW, Corps, EPA, Whatcom County	Susan Meyer, Barry Wenger, Kurt Baumgarten, Steve Hood, Loree' Randall, Cyrilla Cook, Brian Williams, Jeff Kamps, Randel Perry, Krista Rave-Perkins, Wayne Fitch, Lyn Morgan-Hill

Updated: July 27, 2011