



NUKA Research & Planning Group, LLC.

Bristol Bay SCP: PPOR, Part One June 2012

Site Considerations for PPOR Zone 02 of the Bristol Bay Subarea									
	Clarks Point	Naknek River	Dillingham-Cargo Dock	Dillingham-Fuel Terminal	Dillingham-Processing Plant				
ID Number	L-02-01	L-02-02	S-02-01	S-02-02	S-02-03				
Human Health & Safety									
Community-distance to (nm)	Dillingham - 13 nm / pop. 2,376	Naknek - 5 nm / pop. 571	Dillingham - 0.0 nm / pop. 2,376						
Health Care Facilities	Kanakanak Hospital Public Health Services: 907-842-5201 / Dillingham Volunteer Fire & Rescue: 907-842-2288 / 5354	Camai Community Health Center: 907-246-4214 / Bristol Bay Borough Fire Department: 907-246-4222 / 4224	Kanakanak Hospital Public Health Services: 907-842-5201 / Dillingham Volunteer Fire & Rescue: 907-842-2288 / 5354						
atural Resources Considerations									
Fish & Wildlife	Waterfowl concentration,shorebird concentrations, anadromous fish	Waterfowl concentration,shorebird concentrations, anadromous fish, seal haulouts	Waterfowl concentration, shorebird concentrations, anadromous fish						
Threatened & Endangered Species	None								
Sensitive Areas	None designated								
Other Stakeholder Considerations									
Fisheries	Salmon								
Historic Properties	Historic properties are present throughout the area.								
Subsistence	High level of subsistence activity.								
Tourism/Recreation	Seasonal tourism and local recreation.								
Waterfront Public Facilities/Parks	Togiak National Wildlife Refuge		Togiak National Wildlife Refuge, Port of Dillingham						
Waterfront Private Facilities	Decommissioned cannery wharf	Cannery facilities in river	Seafood processing facilities, fuel terminal						
Response and Salvage Resource Consideration									
Ability to Boom Vessel	No		Weather dependent						
Geographic Response Strategies	None	N-11	None						
Closest Alternative Place of Refuge for same sized vessel	55 nm to L-02-02	55 nm to L-02-01	0.1 nm to S-02-03	0.5 nm to S-02-03	0.1 nm to S-02-01				

Site ID Number & Vessel Size Classification

DII = Deep Draft Vessels lengths up to 1000 feet, 40-60 feet of draft, greater than 10,000 GT

DI = Deep Draft Vessels lengths up to 1000 feet, 20-40 feet of draft, greater than 10,000 GT

L= Light Draft Vessel up to 450 feet in length, draft up to 20 feet

S = A shallow draft vessel less than 300 Gross Tons, has a draft less than 15 ft., LOA less than 200 ft

		Physical and Operational Characteri	stics for PPOR Zone 2 of the Bristol Bay Subarea				
	Clarks Point	Naknek River	Dillingham-Cargo Dock	Dillingham-Fuel Terminal	Dillingham-Processing Plant		
ID Number	L-02-01	L-02-02	S-02-01	S-02-02	S-02-03		
Location (In the general area)	58°49.65'N 158°36.77'W	58°43.88'N 157°10.12'W	59°02.22'N 158°27.90'W	59° 02.12'N 158° 28.87'W	59° 02.21'N 158° 28.07'W		
Maximum Vessel Size	Light Draft Vessels - up to 450 ft. in length, up to 20 ft. draft		Shallow Draft Vessels are less than 300 gross tons and have drafts less than 15 ft.				
Type of Berthing	Anchorage		Dock				
Contact	N/A		907.842.5516	907.842.5955	907.842.5992		
Navigational Approach	Approach from the S	Approach from the SW	Approach via marked channel				
Minimum Water Depths (MLLW)	26 ft.	20 ft.	3 ft. (tidally depende	3 ft. (tidally dependent for deeper draft) 2 ft. (tidally dependent			
Maximum Vessel Draft	21 ft.	15 ft.	Tidally dependent				
Swing Room or Dock Face (w/ dolphins)	0.25 nm to shoal	0.14 nm to shoal	208 ft.	150 ft.	300 ft.		
Bottom Type	Mud	Sand	N/A				
Nearest Alternative Dock/Piers	13 nm to S-02-03 (shallow draft vessel)	0.39 nm to Naknek (shallow draft)	0.1 to S-02-03	0.5 to S-02-03	0.1 to S-02-01		
Nearest Alternative Anchorage	55 nm to L-02-02B	55 nm to L-02-01B	15 nm to L-02-01B	15 nm to L-02-01B	15 nm to L-02-01B		
Prevailing Winds	During June, July, and August, winds are out of the S through SW about 40 percent of the time, at average speeds of 8 to 10 knots. Storms entering Bristol Bay funnel wind into bays and passes creating locally intense winds of significant force.						
Currents	Currents up to 4 knots on ebb and flood and are influenced by the river flow and continuous winds.	Currents up to 2.5 knots at the anchorage.	Currents up to 4 knots on ebb and flood and are influenced by the river flow and continuous winds.				
Tides	Mean High 17.8 ft. (Higher 19.5) Mean Low 2.5 (Lower -5.0)	Mean High 20.7 ft. (Higher 22.6) Mean Low 2.2 (Lower -2.0)	Mean High 18.0 ft. (Higher 19.8) Mean Low 2.1 (Lower -5.0)				
Sea Conditions	Exposed to southerly swell	Sheltered from storms from the W to the S.	Protected from extreme sea conditions				
Shelter from Severe Storms	Exposed to S	Exposed to SW	Sheltered from most storms				
Fog	Fog sometimes sets in from the sea, but there is little fog during the summer.						
Ice	Ice present from November to April but is broken and drifts with the current and wind.						