

Appendix A-3

Estimated Costs for Tidewater Access

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ShipperCo \$/Barrel (2013 CAD)	1.0 mbpd		1.5 mbpd	
	Incremental	Cumulative	Incremental	Cumulative

Railway to Glennallen & Pipeline to Port				
Base Case	-	\$9.96	-	\$8.14
Railway from TOK to Glennallen	\$0.49	\$10.45	\$0.37	\$8.51
Pipeline from Glennallen to Valdez	\$2.15	\$12.60	\$2.02	\$10.53
Port	\$2.84	\$15.44	\$1.93	\$12.46

Railway to Delta & Pipeline to Port				
Base Case	-	\$9.96	-	\$8.14
Pipeline from Delta to Glennallen	\$2.23	\$12.19	\$2.07	\$10.21
Pipeline from Glennallen to Valdez	\$2.15	\$14.34	\$2.02	\$12.23
Port	\$2.84	\$17.18	\$1.93	\$14.16