Table 1

	Task #	Task description	Investigators	2015 Dec	Jan	Feb	Mar	Apr	May	2015 Jun	Jul	Aug	Sep	Oct	Nov	2016 Dec	Jan	Feb	Mar	Apr	May
I. Factors affecting entrainment	1	Review conceptual model and existing data sources	Nobriga, Grimaldo																		
	2	Conduct analyses	Nobriga, Grimaldo, Manly*																		
	3	Tech report*	Nobriga, Grimaldo, Manly*																		
								Subtotal	**$64,700**												
II. IBM	1	Simulate 4 years of hydro and turbidity with simplified approach	Gross, Grimaldo, Nobriga																		
	2	Develop fitting approach	Korman																		
	3	Evaluate 2D sediment transport model	Gross																		
	4	Run IBM and fitting for a set of behavior scenarios	Gross, Korman, Smith, Nobriga, Grimaldo																		
	5	Estimate salvage efficiency by modified method	Gross, Korman, Nobriga, Grimaldo																		
	6	Simulate RPA scenarios in 2D	Gross, Korman, Smith, Nobriga, Grimaldo																		
	7	Document results in report/tech memo	Gross, Korman, Smith, Nobriga, Grimaldo																		
	8	Calibrate 3D suspended sediment model in Delta	MacWilliams																		
	9	Simulate 1 year of 3D hydro and turbidity	MacWilliams																		
	10	Develop adult behavior model in 3D IBM	Gross																		
	11	Run IBM and fitting approach to 3D simulations	Gross and Korman																		
	12	Optional 2nd year of 3D IBM and fitting	MacWilliams, Gross, Korman																		
	13	Document how results address Key Questions	Gross, Korman, Smith, Nobriga, Grimaldo																		
	14	Peer-review report	Gross, Korman, Smith, Nobriga, Grimaldo																		
	15	CAMT Meetings	Gross, Korman																		
			Total					**Subtotal**	**$230,806**						**$93,087**						
III. Proportional loss	1	Population estimates	Smith, Donovan (USGS), Mac Namara (USGS), Nobriga, Grimaldo, Korman																		
	2	Proportional losses	Smith, Gross, Korman, Grimaldo, Nobriga, Manly*																		
	3	Tech report/Peer-review report	Grimaldo, Nobriga, Smith																		
	4	CAMT Meetings	Smith, Grimaldo, Nobriga, Korman, Gross																		
								Subttoal	**$137,250**						**$81,750**						**$35,000**
IV. Life Cycle Model	1	Density-Dependent Survival	Deriso, Maunder																		
	2	Alternative values for the process error penalty variance parameter	Deriso, Maunder, Korman																		
	3	Addition of the spring Kodiak survey data to estimate observation error	Deriso, Maunder, Korman																		
	4	Run model with existing covariates but update recent data	Deriso, Maunder,																		
	5	Develop new covariates	Grimaldo, Smith, Sommer, Miller, Coulston, Nobriga, Manly*																		
	6	Evaluate new covariates	Deriso, Maunder, Manly, Grimaldo, Nobriga, Smith																		
	7	Manuscript preperation, journal submission, and revision as needed	Deriso, Maunder, Nobriga, Grimaldo, Korman																		
	9	Internal investigator review meetings and communication	Deriso, Maunder, Smith, Korman, Grimaldo, Nobriga, Manly																		
			TOTAL					**Subtotal**	**$60,250**						**$67,500**						**$45,000**
				TOTAL BUDGET MONTHS 1-6					**$493,006**	**TOTAL BUDGET MONTHS 7-12**					**$242,337**	**TOTAL BUDGET 13-18**					**$80,000**
																		TOTAL BUDGET			**$815,343**