ALASKA ENERGY AUTHORITY

January 8, 2015

Pat Pitney, Director
State of Alaska
Office of Management and Budget
PO Box 110001
Juneau, AK 99811-0001

Subject: Alaska Energy Authority Response to Administrative Order 271

RE: Susitna-Watana Hydroelectric Project

Dear Ms. Pitney:

In response to Administrative Order No. 271 (AO 271) dated December 26, 2014, the Alaska Energy Authority (AEA) has prepared the following information to comply with paragraph "C" of AO 271 for Susitna-Watana Hydro. As per email approval dated December 31, 2014 from the Office of the Governor Chief of Staff, Jim Whitaker, AEA was granted a deadline of January 9 to comply with paragraph "C".

Completion of the Federal Energy Regulatory Commission (FERC) licensing process would require an estimated additional funding of $102 million based on the current Integrated Licensing Process. The additional funding is needed to complete the FERC approved studies and prepare the license application. Obtaining a FERC license would position the State to move forward with a project that would provide long-term affordable energy and consistent with State of Alaska energy policy, chapter 82, session law 2010. AEA is currently assessing licensing options that would provide the State with licensing schedule flexibility that may potentially reduce licensing costs.

Summary of project funding (in thousands):

Authorized Funds - State of Alaska appropriations	$ 192,072.8
Expenditures (as of December 31, 2014)	(158,476.0)
Non-Discretionary:	
Encumbered funds	(19,250.8)
Unencumbered funds required to complete essential tasks	(4,614.5)
Budgeted personnel costs for remainder of FY2015	(2,179.8)
Estimated personnel costs for FY2016 (July-December 2015)	(870.0)
Total Non-Discretionary	(26,915.1)
Balance of Authorized Funds	6,681.7

The attached spreadsheet provides detailed information listing the discretionary funding obligations, non-discretionary funding obligations and budgeted personnel costs for FY 2015 as required by paragraph "C" of AO 271. Descriptions of work currently under way and recommended work is included in the spreadsheet. Much of the ongoing work includes contractor completion of reports from the 2014 field season. The impacts to delay, suspend or terminate the existing obligations would be incomplete work products from contractors which would unnecessarily increase future costs to the project for the state to pursue a Susitna-Watana Hydro license.

If the State decides to abandon the Susitna-Watana Hydro FERC licensing effort, AEA will complete the following major tasks to suspend the project:

- Remove field equipment and restore disturbed areas pursuant to permit requirements.
- Prepare permit compliance reports.
- Complete ADF&G surveys of collared moose, caribou, and ptarmigan.
- Complete deliverables such as contractor study reports from 2014 field effort.
- Prepare user manuals and calibration reports for models completed to date to enable future use of these models in future licensing or new resource projects in the study area.
- Prepare index of data collected and completed reports for future use by public.
- Upload and archive Geographic Information System (GIS) data on Geographic Information Network of Alaska (GINA) for use by State agencies and the public for other projects in the study area.
- Archive reports on Alaska Resources Library and Information Services (ARLIS).

Operating budget impacts are limited to payroll costs and other project office costs funded by CIP receipts. The attached spreadsheet includes this detail.

Please contact me if you have any questions or need further information.

Sincerely,

Sara Fisher-Goad

Sara Fisher-Goad
Executive Director

Attachment: AO 271 Susitna Watana Project Information Funding Obligations

Prepared by Alaska Energy Authority
January 8, 2015

Susitna-Watana Funding Status
Preconstruction - Licensing
as of December 31, 2014

Activity	Budget Authorized	Total Expenditures	AO 271 - C2 Encumbrance	AO 271 - C2 Status of Encumbrances: Description of remaining scope currently encumbered	AO 271- C1 Unencumbered: Description of tasks to be encumbered to meet contract/permit obligations or summarize/archive	AO 271- C1 Unencumbered: Cost Estimate
Pre-PAD Activities						
Pre-PAD Staffing Costs	377,535.16	377,535.16	0.00			
Pre-PAD Travel	43,909.54	43,909.54	0.00			
Pre-PAD Legal	46,816.54	46,816.54	0.00			
Pre-PAD Conferences & Fees	4,490.22	4,490.22	0.00			
Pre-PAD Contractual Services	5,805,633.69	5,805,633.69	0.00			
Pre-PAD Project Office	219,882.51	219,882.51	0.00			
Pre-PAD Activities Subtotal:	**6,498,267.66**	**6,498,267.66**	**0.00**			
Deposits and Advances (nets against OPMP budget)						
Deposits and Advances	0.00	8,463.35	0.00			
and Advances (nets against OPMP budget) Subtotal:	**0.00**	**8,463.35**	**0.00**			
Engineering Feasibility Study						
Engineering-Planning & Support	1,080,933.55	1,005,933.55	0.00			
Engineering-Geotechnical Services I	119,911.20	119,911.20	0.00			
Engineering-Conceptual Design	281,802.53	281,802.53	0.00			
Engineering-Surveys and Mapping	607,414.77	451,984.80	55,429.97	NTP Closed		
Engineering Feasibility Studies	7,685,179.69	7,046,967.40	459,134.57	Significant funds needed to finish Engineering Feasibility Report		
Advisory and Review Services	56,981.53	38,479.01	18,502.52	Funds needed to cover potential late invoices		
Engineering-Geology & Geotechnical Studies	6,755,005.15	5,774,739.46	690,417.65	Geology effort ongoing - anticipate most of remaining funds needed		
Engineering-Technical Review	14,790.27	14,790.27	0.00			
Independent Construction Cost Estimate	234,950.00	234,950.00	0.00			
Seismic Monitoring	733,880.25	579,296.06	154,584.19	Committed to AEC		
Engineering Feasibility Study Subtotal:	**17,570,848.94**	**15,548,854.28**	**1,378,068.90**			
Geotechnical Services						
Engineering-Geotechnical Services II	154,421.03	154,421.03	0.00			
Geotechnical Services Subtotal:	**154,421.03**	**154,421.03**	**0.00**			
Board of Consultants						
Board of Consultants	1,144,299.55	749,275.58	131,766.84	Work nearly complete.		
Resources & Procurement Plan	7,289.12	7,289.12	0.00			
Board of Consultants Subtotal:	**1,151,588.67**	**756,564.70**	**131,766.84**			
Detailed Engineering Design						
Detailed Engineering Design	0.00	0.00	0.00			
Detailed Engineering Design Subtotal:	**0.00**	**0.00**	**0.00**			
Utility Coordination,Operations, & Power Sales						
Utility Coordination, Operations, Sales Agreement	0.00	0.00	0.00			
Financial Advisory Team	6,177.70	6,177.70	0.00			
Financial Consultant	235,025.00	91,877.62	143,147.38	Most remaining funds have been spent		
ty Coordination,Operations, & Power Sales Subtotal:	**241,202.70**	**98,055.32**	**143,147.38**			
Update Integrated Resource Plan						
Update RIRP - Conference Participation	18,270.00	18,270.00	0.00			
Update Integrated Resource Plan Subtotal:	**18,270.00**	**18,270.00**	**0.00**			
Watana Transportation Analysis						
ADOTPF Access Road	521,156.86	521,156.86	0.00			
Watana Transportation Analysis Subtotal:	**521,156.86**	**521,156.86**	**0.00**			
FERC Licensing Support						
FERC Licensing Services	283,896.12	283,896.12	0.00			
FERC Licensing and Regulatory Approval Planning	2,615,117.15	2,009,810.53	187,671.62	FERC licensing - ISR Meeting Summary, ISR Responses to Meeting Summary Disagreements, etc.	FERC Licensing - ISR meeting planning	10,000.00
FERC Licensing Support Subtotal:	**2,899,013.27**	**2,293,706.65**	**187,671.62**			**10,000.00**

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Susitna-Watana Funding Status
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OPMP						
OPMP DEC Review	**41,119.68**	31,700.18	9,419.50			
ARLIS Report Scanning & Digitizing	**93,708.00**	93,708.00	0.00			
DNR Project Review and Permitting	**3,668,050.05**	2,125,472.22	1,451,596.78	Encumbered funds needed to complete ISR process with Services		
Assess Impacts to Fish and Wildlife	**1,160,520.00**	983,207.28	177,312.72			
BLM Rights-of-Way Applications	**111,536.65**	111,536.65	0.00			
OPMP Subtotal:	**5,074,934.38**	**3,345,624.33**	**1,638,329.00**			
Water Resource Studies						
Water Resources Program Lead (COMBINED WITH 731	**0.00**	0.00	0.00			
Transect Data Collection	**2,661,417.63**	2,661,417.63	0.00			
Susitna River Ice Studies	**439,777.11**	439,777.11	0.00			
Ground Water Study	**0.00**	0.00	0.00			
Glacier Run Off Study	**672,062.00**	672,062.00	0.00			
Hydrology Support for In-Stream Flow	**267,130.75**	67,130.75	194,034.00	Committed to USGS. Removal of hydrology equipment and permit compliance (September 2015).		0.00
Instream Flow & Riparian Study Planning	**1,651,979.80**	1,651,979.80	0.00			
Water Resource-2nd Study Series	**0.00**	0.00	0.00			
Groundwater-Related Aquatic Habitat (7.5)	**3,894,642.70**	3,631,553.44	170,271.00	2014 data collection complete.	Final 2014 QC'd data and Final Report; permit compliance; removal of cameras, groundwater/ surface water gages, and telemetered data delivery system (July 2015).	300,000.00
Ice Processes (7.6)	**2,116,792.00**	1,389,425.33	281,880.67	Data collection and report complete. Modeling underway, but incomplete.	Final QC'd modeling input/output data and Technical Modeling Status Report. (May 2015)	20,000.00
Glacial and Runoff Changes (7.7)	**360,648.00**	75,332.61	285,315.39	Committed to DGGS. Final Report not yet delivered.		0.00
Instream Flow Study (8.5)	**10,935,212.00**	8,633,527.73	1,104,656.64	Data collection complete. Modeling underway, but incomplete. 2014 QC'd data and Final Report not yet delivered.	Complete model calibration and inputs. Final QC'd modeling input/output data and Technical Modeling Status Report (September 2015); permit compliance; removal of field equipment (July 2015).	400,000.00
Riparian Instream Flow Study (8.6)	**2,268,569.00**	1,576,956.56	238,107.44	Data collection complete. Modeling underway, but incomplete. 2014 QC'd data and Final Report not yet delivered.	Final QC'd modeling input/output data and Technical Modeling Status Report; permit compliance; removal of field equipment (July 2015).	125,000.00
Water Resource Studies Subtotal:	**25,268,230.99**	**20,799,162.96**	**2,274,265.14**			**845,000.00**
Water Quality Studies						
Water Quality Program Lead	**0.00**	0.00	0.00			
Water Quality Data Collection & Models	**1,411,625.97**	1,411,625.97	0.00			
Field Monitoring of Flow and Sediment (1st Yr)	**567,294.00**	567,294.00	0.00			
Water Quality-2nd Study Series	**770,126.00**	490,462.77	147,430.23			
Field Monitoring of Flow and Sediment (2nd Yr)	**1,140,895.00**	1,036,895.00	0.00			
Baseline Water Quality (5.5)	**3,855,589.00**	3,169,808.31	109,096.69	Data collection complete and all QC'd data delivered. 2014 Final Report not yet delivered (March 2015).	Permit compliance; removal of MET stations and telemetered data delivery system (July 2015).	45,000.00
Water Quality Modeling (5.6)	**1,534,396.00**	910,257.87	555,594.13	Modeling underway, but incomplete. 2014 Final Report not yet delivered (May 2015).	Final QC'd modeling input/output data and Technical Modeling Status Report (June 2015).	170,000.00

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Mercury Assessment & Bioaccumulation (5.7)	408,088.00	231,951.70	19,342.30	Data collection complete and all QC'd data delivered. Modeling underway, but incomplete. 2014 Final Report not yet delivered (March 2015).		0.00
Water Quality Studies Subtotal:	**9,688,013.97**	**7,818,295.62**	**831,463.35**			**215,000.00**
Geomorphology/Geology/Soils Studies						
Geomorphology Studies	1,041,409.95	1,041,409.95	0.00			
Geomorphology/Geology-2nd Study Series	0.00	0.00	0.00			
Geology and Soils (4.5)	0.00	0.00	0.00	Data collection complete. 2014 QC'd data and Final Report not yet delivered.	Permit compliance report.	
Geomorphology (6.5)	1,471,873.00	900,701.47	571,171.53	Data collection complete. Modeling underway, but incomplete. 2014 QC'd data and Final Report not yet delivered (February 2015).	Complete calibration and model runs. Final QC'd modeling input/output data and Technical Modeling Status Report; permit compliance reporting (September 2015).	450,000.00
Fluvial Geomorphology Modeling (6.6)	4,303,551.00	4,088,684.68	58,495.32	6.5 and 6.6 combined; see above.		
Geomorphology/Geology/Soils Studies Subtotal:	**6,816,833.95**	**6,030,796.10**	**629,666.85**			**450,000.00**
Fish and Acquatic Resource Studies						
Fish and Aquatic Program Lead	764,565.23	764,565.23	0.00			
Synthesis of Existing Fish Data	172,591.88	172,591.88	0.00			
Middle & Lower River Habitat Studies	2,473,109.16	2,473,109.16	0.00			
Fish Distribution & Habitat above Devil's Canyon	1,382,732.93	1,382,732.93	0.00			
Beluga Whale Impact Study	192,421.29	192,421.29	0.00			
Salmon Assessment for 2012 Field Season	1,647,339.05	1,647,339.05	0.00			
Fish and Aquatic -2nd Study Series	3,813,750.00	2,790,218.49	664,128.18	Data management and final QC; Fish Program reporting.	Complete QC and cumulative data delivery. Finalization of Project geodatabase. Fish synthesis report.	350,000.00
Fish Distribution & Abundance Upper River (9.5)	3,699,201.50	2,239,931.04	904,366.46	2014 data collection complete. QC'd data and Final Report not yet delivered. Ongoing telemetry surveys (May 2014).	Continue surveys of radiotagged fish. Permit compliance report. Removal and storage of field equipment.	210,000.00
Fish Distribution Middle & Lower River (9.6)	7,439,077.00	5,430,976.28	115,496.85		Permit compliance report. Removal and storage of field equipment. Logisitcs costs included below.	35,000.00
Salmon Escapement in Susitna River (9.7)	9,503,760.93	7,160,059.09	2,332,922.84	Committed to ADFG (~$1.7m); rest to AEA contractor; all data collection and permit complinace complete. Data analysis underway. 2014 QC'd data and Final Report not yet delivered (June 2015).	Permit compliance report.	5,000.00
River Productivity (9.8)	2,085,029.00	1,192,547.44	573,269.56	Committed to UAF. Data collection complete. Data and lab analysis underway. 2014 QC'd data and Final Report not yet delivered.	Permit compliance report.	1,000.00
Characterization of Aquatic Habitats (9.9)	1,700,575.00	1,371,426.86	263,118.03	FERC study data collection completed. Data analysis underway. Complete QC'd data and Final Study Report not yet delivered.	Permit compliance report.	1,000.00
Future Watana Reservoir Fish Community (9.10)	15,000.00	0.00	0.00	Deferred study; no work has been approved/performed.		0.00
Fish Passage Feasibility at Watana Dam (9.11)	780,842.00	290,871.63	279,041.37	Study delayed; initial workshops completed. Final Report not yet delivered.		0.00
Fish Passage Barriers (9.12)	447,172.00	179,012.53	97,736.47	Data collection complete. 2014 QC'd data and Final Report not yet delivered.	Complete barrier analysis and final report. Permit compliance report.	50,000.00
Aquatic Resources w/i Access Alignment (9.13)	55,000.00	0.00	0.00	Deferred study; no work has been approved/performed.		0.00

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			AO 271 - C2		AO 271- C1	
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Activity	Budget Authorized	Total Expenditures	Encumbrance	Description of remaining scope currently encumbered	Description of tasks to be encumbered to meet contract/permit obligations or summarize/archive	Cost Estimate
Fish Genetics (9.14)	**959,844.00**	865,539.35	94,304.65	Committed to ADF&G; data collection complete; analysis underway. Final Report not yet delivered.	DNA analysis of all fish samples collected and at increased level based on intial results.	160,000.00
Fish Harvest (9.15)	**10,000.00**	0.00	0.00	Deferred study; no work has been approved/performed.		0.00
Beluga Whale (9.17)	**1,091,635.00**	660,240.88	231,394.12	Data collection and 2014 Final Report complete.	Permit complaince report; removal of field equipment. Logisitcs costs included below.	1,000.00
Eulachon Distribution (9.16)	**1,116,244.00**	808,703.07	17,372.73			
Fish and Acquatic Resource Studies Subtotal:	**39,349,889.97**	**29,622,286.20**	**5,573,151.26**			**813,000.00**
Wildlife Resource Studies						
Wildlife Program Lead	**282,247.00**	282,247.00	0.00			
Wildlife Habitat Use and Movement Studies	**66,907.15**	66,907.15	0.00			
Big Game & Furbearer Studies	**43,820.52**	43,820.52	0.00			
Eagle & Raptor Nest Studies	**353,270.06**	353,270.06	0.00			
Moose Abundance and Survival Study	**612,750.00**	612,750.00	0.00			
Caribou Movements Study	**629,451.00**	629,451.00	0.00			
Ptarmagin Ecology Study	**138,618.00**	138,618.00	0.00			
Wildlife - 2nd Study Series	**499,836.00**	419,075.32	80,760.68	Data management and final QC; Wildlife Program reporting.	Synthesis report and final delivery of all data and Project geodatabase.	150,000.00
Moose (10.5)	**474,366.73**	174,158.24	297,986.64	Committed to ADF&G - continued surveys of collared moose; browse surveys. 2014 Final Report.	Refurbishment of GPS collars and deployment in Middle River. Continued calf survival surveys, moose movement from spring thorugh fall through winter. Analysis and final reporting. (June 2016).	80,000.00
Caribou (10.6)	**713,877.37**	189,322.79	484,801.94	Committed to ADF&G - continued surveys of collared caribou. 2014 Final Report.	Continued surveys of collared animals - calf survival surveys, movement surveys through fall migration. Analysis and final reporting. (June 2016).	110,000.00
Dall Sheep (10.7)	**71,082.40**	24,169.36	38,515.60	Partially committed to ADFG - spring aerial surveys remain. Mineral lick surveys completed by AEA contractor. 2014 QC'd data and Final Report.		
Large Carnivore (10.8)	**233,567.60**	159,123.95	53,443.65	Primarily committed to ADFG; study otherwise deferred. ADFG analysis complete. 2014 Final Report.		
Wolverine (10.9)	**230,599.95**	30,154.88	200,445.07	Committed to ADFG - winter surveys, data analysis, and final report not yet completed.		
Terrestrial Furbearer (10.10)	**414,515.00**	315,576.04	98,938.96	Committed to UAF - data collection complete; analysis and reporting underway. 2014 Final Report (June 2015).	Permit compliance reporting.	
Aquatic Furbearer (10.11)	**282,521.00**	69,616.55	141,154.45	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered.	Spring surveys to complete overwinter survival from fall 2014 surveys. Permit compliance reporting.	30,000.00
Small Mammal Species Composition & Habitat (10.12)	**6,000.00**	0.00	0.00	Deferred study; no work has been approved/performed.		
Little Brown Bat Distribution & Habitat (10.13)	**305,000.00**	256,000.76	41,618.24	FERC study data collection completed. 2014 QC'd data and Final Report not yet delivered (March 2015).	Permit compliance reporting.	1,000.00
Surveys of Eagles and Other Raptors (10.14)	**816,243.00**	669,913.30	18,759.70	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered (April 2015). .		

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Waterbird Migration, Breeding, & Habitat (10.15)	**1,261,991.00**	1,052,203.35	109,419.65	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered (April 2015). .	Permit compliance reporting.	
Land Birds & Shorebirds Breeding Survey (10.16)	**999,979.00**	875,023.73	66,659.27	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered (April 2015).	Permit compliance reporting.	
Population Ecology of Willow Ptarmigan (10.17)	**295,105.94**	46,483.99	239,959.68	Committed to ADFG - ongoing surveys of collared birds, additional collaring; QC'd data and Final Report.	Continue surveys of collared animals. Analysis and final reporting (June 2016).	125,000.00
Wood Frog Distribution & Habitat (10.18)	**213,162.00**	183,892.06	15,075.94	FERC study data collection completed. 2014 QC'd data and Final Report not yet delivered (March 2015).	Permit compliance reporting.	
Evaluation of Wildlife Habitat Use (10.19)	**33,000.00**	0.00	0.00	Deferred study; no work has been approved/performed.		0.00
Wildlife Harvest Analysis (10.20)	**1,000.00**	0.00	0.00	Deferred study; no work has been approved/performed.		0.00
Wildlife Resource Studies Subtotal:	**8,978,910.72**	**6,591,778.05**	**1,887,539.47**			**496,000.00**
Botanical Resource Studies						
Botanical Program Lead	**163,550.16**	163,550.16	0.00			
Vegetation Mapping Studies	**330,063.28**	330,063.28	0.00			
Riparian Study	**364,053.35**	364,053.35	0.00			
Wetland Mapping Studies	**268,536.77**	268,536.77	0.00			
Botanical - 2nd Study Series	**220,540.00**	165,090.36	55,449.64	Data management and final QC; Botanical Program reporting.		
Vegetation & Wildlife Habitat Mapping (11.5)	**784,916.00**	581,996.52	202,919.48	No data collection in 2014. QC'd mapping-to-date and final report to be delivered.	Complete mapping (October 2015).	150,000.00
Riparian Habitat Mapping (11.6)	**772,333.00**	621,257.34	151,075.66	No data collection in 2014. QC'd mapping-to-date and final report to be delivered.		
Wetland Mapping (11.7)	**753,410.00**	510,522.76	242,887.24	No data collection in 2014. QC'd mapping-to-date and final report to be delivered.	Complete mapping (October 2015).	150,000.00
Rare Plant (11.8)	**75,485.00**	68,715.53	6,769.47			0.00
Invasive Plant (11.9)	**75,307.00**	68,421.41	6,885.59			0.00
Botanical Resource Studies Subtotal:	**3,808,194.56**	**3,142,207.48**	**665,987.08**			**300,000.00**
Recreation and Aesthetic Resource Studies						
Aesthetic Resources Studies	**649,185.38**	649,185.38	0.00			
Aesthetic and Recreation - 2nd Study Series	**0.00**	0.00	0.00			
Recreation Resources (12.5)	**2,892,089.00**	2,310,907.79	456,181.21	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered (April 2015).		0.00
Recreation River Flow (12.7)	**765,212.00**	513,737.80	138,474.20	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered (April 2015).		0.00
Aesthetic Resources (12.6)	**1,408,693.79**	1,116,840.21	99,853.58	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered (April 2015).		0.00
Recreation and Aesthetic Resource Studies Subtotal:	**5,715,180.17**	**4,590,671.18**	**694,508.99**			**0.00**
Land Use Resource Studies						
Land Use - 2nd Study Series	**0.00**	0.00	0.00			
Land Use Resource Studies Subtotal:	**0.00**	**0.00**	**0.00**			
Cultural Resource Studies						
Cultural Resources Studies	**1,040,699.82**	1,040,699.82	0.00			
Cultural Resources - 2nd Study Series	**241,419.00**	233,330.82	8,088.18	Data management and final QC; Cultural Program reporting.		

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Cultural Resources (13.5)	4,175,842.00	3,955,771.25	174,319.75	2014 data collection complete. 2014 QC'd data and Final Report not yet delivered. Remaining federal and state permit compliance reports (February 2015).	Complete predictive modeling report and delivery of final QC'd input/output data.	75,000.00
Paleontological Resources (13.6)	0.00	0.00	0.00	Deferred study; no work has been approved/performed.		0.00
Cultural Resource Studies Subtotal:	**5,457,960.82**	**5,229,801.89**	**182,407.93**			**75,000.00**
Subsistance Resource Studies						
Subsistance Resources Studies	154,654.00	154,654.00	0.00			
Subsistance - 2nd Study Series	1,354,691.00	1,018,993.09	19,339.91	2014 data collection deferred. Subsistence Program reporting.		
Subsistence Resources Documentation (14.5)	926,875.00	825,565.86	1,309.14	Committed to ADFG. FERC study data collection complete. 2014 QC'd data and Final Report not yet delivered (February 2015).		
Subsistance Resource Studies Subtotal:	**2,436,220.00**	**1,999,212.95**	**20,649.05**			**0.00**
Socioeconomic and Transportation Issues						
Socioeconomic & Transportation Studies	373,559.00	339,867.02	0.00			
Health Impact Project Review	35,000.00	27,818.40	7,181.60			
Transportation Studies	0.00	0.00	0.00			
Socioeconomic and Transportation -2nd Study Series	495,352.00	196,116.06	299,235.94	Data management and final QC; Socioeconomic Program reporting.		
Health Impact Studies (2nd Year)	90,000.00	90,000.00	0.00	see below.		
Regional Economic Evaluation (15.5)	448,076.00	218,223.83	129,852.17	Ongoing analysis; 2014 QC'd data and Final Report not yet delivered.	Northern Economics - Preparation of construction & operations effects on regional economy.	70,500.00
Social Conditions & Public Goods/Services (15.6)	852,677.00	599,592.82	253,084.18	Ongoing analysis; 2014 QC'd data and Final Report not yet delivered.		
Transportation Resources (15.7)	216,192.00	114,154.41	92,037.59	Ongoing analysis; 2014 QC'd data and Final Report not yet delivered.		
Health Impact Assessment (15.8)	387,662.50	248,885.96	138,776.54	Ongoing analysis; 2014 QC'd data and Final Report not yet delivered.		
Air Quality (15.9)	97,726.00	40,341.55	57,384.45	Ongoing analysis; 2014 QC'd data and Final Report not yet delivered.		
Socioeconomic and Transportation Issues Subtotal:	**2,996,244.50**	**1,875,000.05**	**977,552.47**			**70,500.00**
Safety (combine with Logistical Support)						
Probable Maximum Flood (16.5) See 721010700	0.00	0.00	0.00	covered under engineering above; study complete.	Final report.	
Site-Specific Seismic Hazard Evaluation (16.6)	0.00	0.00	0.00	covered under engineering above; data collection continous.		
Safety (combine with Logistical Support) Subtotal:	**0.00**	**0.00**	**0.00**			
Draft License Application, BA, EFHA, Historic PMP						
Draft License Application, BA, EFHA, Historic PMP	0.00	0.00	0.00			
cense Application, BA, EFHA, Historic PMP Subtotal:	**0.00**	**0.00**	**0.00**			
Final License Application						
Final License Application	0.00	0.00	0.00			
Final License Application Subtotal:	**0.00**	**0.00**	**0.00**			
FERC NEPA Process						
FERC NEPA Process	0.00	0.00	0.00			
FERC NEPA Process Subtotal:	**0.00**	**0.00**	**0.00**			
Settlement						
Settlement	0.00	0.00	0.00			
Settlement Subtotal:	**0.00**	**0.00**	**0.00**			

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Susitna-Watana Funding Status
Preconstruction - Licensing
as of December 31, 2014

			AO 271 - C2		AO 271- C1	
				Status of Encumbrances	Unencumbered	
Activity	Budget Authorized	Total Expenditures	Encumbrance	Description of remaining scope currently encumbered	Description of tasks to be encumbered to meet contract/permit obligations or summarize/archive	Cost Estimate
Project Management Consultant						
Project Management Consultant	676,595.69	676,595.69	0.00			
Project Management Consultant Subtotal:	**676,595.69**	**676,595.69**	**0.00**			
Technical Assistance						
Technical Assistance	128,149.00	128,149.00	0.00			
Technical Assistance Subtotal:	**128,149.00**	**128,149.00**	**0.00**			
Field Permitting, Insurance, Bonding, & Misc						
Insurance and Bonding for Field Access Permits	247,763.70	28,402.21	1,173.79			
Field Permits	3,399,604.66	3,258,521.42	140,305.62			
eld Permitting, Insurance, Bonding, & Misc Subtotal:	**3,647,368.36**	**3,286,923.63**	**141,479.41**			
Safety & Logistical Support						
Field Transportation	10,418,456.80	10,418,456.80	0.00			
Lodging	5,718,672.37	5,415,294.97	113,908.40			
Logistics Coordinator/Planning	11,151,081.64	10,332,939.85	748,180.52			1,000,000.00
Health & Safety Officer	209,708.00	70,710.27	38,997.73			
Safety & Logistical Support Subtotal:	**27,497,918.81**	**26,237,401.89**	**901,086.65**			**1,000,000.00**
GIS						
Geospatial Clearinghouse, Web Mapping	695,705.82	529,213.16	98,895.67	Committed to GINA	Upload, organization and hosting of entire cumulative Project dataset. Annual maintenance of data website and archived data and services (June 2016).	300,000.00
Geological Study and GIS Mapping	237,627.00	199,790.39	37,836.61	Committed to GINA		
Topographical and Aerial Imaging	242,863.33	242,863.33	0.00			
GIS Subtotal:	**1,176,196.15**	**971,866.88**	**136,732.28**			**300,000.00**
SharePoint Site						
Sharepoint Consulting Services	2,908.75	2,908.75	0.00			
SharePoint Site Subtotal:	**2,908.75**	**2,908.75**	**0.00**			**0.00**
Website and Public Information Library						
Website Update and Maintenance	102,390.00	52,386.50	0.00			
ARLIS Public Website	7,500.00	7,500.00	0.00			
ARLIS Scanning & Data Maintenance	162,212.00	127,912.00	34,300.00	Committed to ARLIS	Annual maintenance of library and services (June 2016).	40,000.00
Website and Public Information Library Subtotal:	**272,102.00**	**187,798.50**	**34,300.00**			**40,000.00**
Public Notices/Communications						
Legislative Reports	42,333.21	31,953.21	10,380.00			
Media & Strategic Communications	1,010,723.06	409,215.58	137,718.77			
Public Notices/Communications Subtotal:	**1,053,056.27**	**441,168.79**	**148,098.77**			**0.00**
Legal						
Legal-DOL	600,000.00	368,379.97	0.00			
Legal-DOL-Interim Outside	115,911.74	115,911.74	0.00			
Legal-Outside (DOL-Van Ness Feldman)	4,206,562.93	3,564,051.98	640,000.00			
Legal Subtotal:	**4,922,474.67**	**4,048,343.69**	**640,000.00**			**0.00**
Travel (AEA Staff & Board)						
Travel (In-State)	83,575.20	66,357.93	0.00			
Travel (Out-of-State)	110,199.89	101,857.22	0.00			
Travel (AEA Staff & Board) Subtotal:	**193,775.09**	**168,215.15**	**0.00**			**0.00**
Project Office						
SOA Professional Services	24,000.00	550.11	0.00			
Advertising, Printing, Binding	23,165.00	21,590.57	0.00			
Postage, Courier, Freight	22,733.69	3,995.98	0.00			
Building Rent	252,651.64	161,744.42	32,968.53			
Insurance	0.00	0.00	0.00			

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				Status of Encumbrances	Unencumbered	
Activity	Budget Authorized	Total Expenditures	Encumbrance	Description of remaining scope currently encumbered	Description of tasks to be encumbered to meet contract/permit obligations or summarize/archive	Cost Estimate
Utilities	0.00	0.00	0.00			
PJ Office-Telephone, Internet, Cable	134,224.95	128,625.27	0.00			
Other Office Expense (Parking, Misc.)	13,571.00	7,358.41	0.00			
Office Supplies	11,522.70	6,794.06	0.00			
Food Supplies	8,367.10	5,879.19	0.00			
Computer Commodities	53,000.00	31,683.26	0.00			
Office Equipment and Furniture	7,028.96	6,397.96	0.00			
Computer Systems	115,123.18	50,702.09	0.00			
Software	40,000.00	25,269.87	0.00			
Project Office Subtotal:	**705,388.22**	**450,591.19**	**32,968.53**	Remaining Encumbrance for FY2015 Lease of Office Space from AIDEA.		**0.00**
Staff Training and Benefits						
Staff Fees and Allowances	6,500.00	700.00	0.00			
Conferences and Training	38,995.00	34,965.01	0.00			
Staff Training and Benefits Subtotal:	**45,495.00**	**35,665.01**	**0.00**			**0.00**
AO 271 - C3 AEA Staff						
AIDEA Staff Professional Services (Direct)	4,274,175.67	3,176,764.17	0.00			
AIDEA Support Staff (Indirect)	2,732,088.63	1,691,649.22	0.00			
AIDEA Support Staff (Direct)	0.00	0.00	0.00			
Contractual Support Services	35,952.00	29,410.40	0.00			
AO 271 - C3 AEA Staff Subtotal:	**7,042,216.30**	**4,897,823.79**	**0.00**	Remaining budgeted funds estimated to cover direct and shared services personal services costs through December 2015.	FY 2015 $2,179.8 and FY 2016 $870.0	**3,049,800.00**
Contingency and Unallocated Budget						
Contingency	0.00	0.00	0.00			
Unallocated Budget	63,727.53	0.00	0.00			
Contingency and Unallocated Budget Subtotal:	**63,727.53**	**0.00**	**0.00**			
Total Project Costs:	**192,072,755.00**	**158,476,048.62**	**19,250,840.97**			**7,664,300.00**

Estimated Remaining Balance **6,681,565.41**