Boat Wash *Andersen*
Seward - PJ 12120115

CITY OF SEWARD
P. O. Box 167
110 Adams Street
Seward, Alaska 99664

Harbor Department
907.224.3138 907.224.7187 fax
harbormaster@cityofseward.net

May 13, 2011

Exxon Valdez Oil Spill Trustee Council
441 W. 5th Ave
Suite 500
Anchorage, AK 99501-2340

Re: Seward Marine Industrial Center Wash-Down and Wastewater Recycling Facility

To Whom it May Concern:

The City of Seward would like to thank you for selecting our Seward Marine Industrial Center Vessel Wash-Down and Wastewater Recycling Facility as a "preferred proposal." This letter will serve to clarify some questions regarding the proposal and the timeline for funding.

Question 1.) The Council requests the proposer provide additional detail and confirmation that the proposed facility is not legally required.

The City of Seward has no legal requirements to install a Vessel Wash-Down and Wastewater Recycling Facility. The Seward Marine Industrial Center (SMIC) has a Storm Water Pollution Prevention Plan and a current Multi-Sector General Permit (MSGP) #AKR05CC50 managed by the Alaska Department of Environmental Conservation (ADEC). The City (SMIC) had an inspection by the ADEC in June 2010 (attached) during which "No violations of the MSGP permit were observed."

Please see the attached memo from our City attorney regarding the lawsuit from the Resurrection Bay Conservation Alliance and the Alaska Community Action on Toxics regarding Clean Water Act violations. This lawsuit is complete, except for the outstanding issue of attorney's fees.

Question 2.) In addition, the Council requests additional information regarding which other spill communities have such a facility, the fee structure for those facilities, and a rationale as to why the Council funding this facility would not disadvantage these other communities economically.

Vessels are required to be hauled out for periodic repairs and maintenance. Owners chose the location or facility where their vessel will be hauled out based on:

1.) Their homeport, or the fuel cost involved to reach the facility
2.) The size/cost of the travelift services
3.) The availability of parts or maintenance services

During my 3.5 years with the City of Seward's Harbor Department, I have never heard of a vessel choosing one facility over another based on the opportunity to utilize a wash-down pad. I have attached a spreadsheet of the travelifts available in the spill communities, and their

maximum lifting capacity and fees. Please notice that Seward has the only 250-ton Travelift in this area (and in the State of Alaska). The majority of our customers do not overlap.

If the City of Seward receives funding for the SMIC Vessel Wash-Down and Wastewater Recycling Facility, it would not disadvantage other spill communities economically. Vessel owners and operators will continue to choose facilities based on the size of their Travelift and the proximity to their homeport or current location. Opportunities for vessel wash-down services will continue to be provided to Seward customers, regardless of whether this proposed facility is built or not. However, the EVOS funded vessel wash-down and wastewater recycling facility would mitigate sources of potential pollution by incrementally reducing non-point source pollution from vessel washing operations.

Finally, I wanted to clarify one point regarding the funding for our project. If you refer to page 10 of our proposal, you will see that we have outlined a two-year cycle for this project. The first year will be primarily design and permitting tasks, while the second year would focus on construction. We are requesting $97,801 for FFY 2012, and $641,300 during the construction phase in FFY 2013. I apologize if this was not clear within the budget request section of our proposal.

Please let us know if you have any additional questions regarding this project.

Sincerely,

Kari Anderson
Seward Harbormaster

Information Related to Question 1:

The Council requests the proposer provide additional detail and confirmation that the proposed facility is not legally required.

STATE OF ALASKA

SEAN PARNELL, GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

555 Cordova Street
Anchorage, AK 99501-2617
Phone: (907) 269-7556
Fax: (907) 269-3487
TTY: (907) 269-7511
http://www.state.ak.us/dec/

DIVISION OF WATER
COMPLIANCEAND ENFORCEMENT

June 29, 2010

City of Seward
Matt Chase
PO Box 167
Seward, AK 99664

SUBJECT: APDES Inspection of Seward Marine Industrial Canter

Dear Mr. Chase:

Under the Alaska Pollutant Discharge Elimination System, an inspection of the Seward Marine Industrial Center was conducted on 06/03/2010. We would like to provide you with a courtesy copy of the inspection report for your records. Thank you for your cooperation and assistance regarding this inspection.

If you have any questions, please do not hesitate to contact me.

Sincerely,

Kara Kusche
Environmental Program Specialist IV

Encl: APDES Inspection Report for Seward Marine Industrial Center 6/03/2010

APDES INSPECTION REPORT

Alaska Department of Environmental Conservation
Division of Water
555 Cordova Street, Anchorage, AK 99501

ADEC APDES Inspection Form Last updated (4/08)

Phone:(907) 269-7556
Fax: (907) 334-2415

Section A: General Data

Inspection Date	Permit #	Borough	Receiving Waters	Weather	Facility Type
Thursday 06/03/2010	AKR05CC50	Kenai Peninsula	Resurrection Bay	Current Conditions: ~50°F and some light rains	Industrial

Discharges to: Surface Water ☒ Ground Water ☐

ANNOUNCED Inspection

Section B: Facility Data

Name and Location of Site/ Facility Inspected

Seward Marine Industrial Center (SMIC)
200 Nash Road
Seward, AK 99664

Loc: Lat: 60°08'26N
Long: 149°34'50W

Source: NOI

Entry Time	Permit Effective Date
13:00	07/12/2009
Exit Time	**Permit Expiration Date**
16:00	09/29/2013

On-Site Representative

Matt Chase, Harbor Worker II

Additional Participants:
None

Responsible Operator(s):

City of Seward
PO Box 167
Seward, AK 99664

Phone: (907) 224-3138

	Yes	No
Samples Taken?	☐	☒
Photos Taken?	☒	☐
Analytical Results?	☐	☒

Section C: Findings/Comments

BACKGROUND

The Seward Marine Industrial Center is commonly referred to as "SMIC." It is a ship drydock facility with boat lift. The travel lift was built in 1990. The City of Seward owns the land and operates the lift. Clients can either do the work on their boats themselves or contract Seward Ships Drydock or another contractor to do the work for them. SMIC services roughly 30-40 boats per year and operates year round. Staffing is via the City of Seward and is 7 days per week, 8am to 5pm. The estimated area of industrial activity exposed to storm water at the site is two acres according to the Notice of Intent. Storm water flows from the site to the ditches, thru the culvert, to Spring Creek, and ultimately the receiving water for this site is Resurrection Bay. This culvert is the one outfall for the site.

REGULATORY STATUS/ COMPLIANCE HISTORY

The SMIC facility has permit coverage under the 2008 Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSPG). The Notice of Intent (NOI) was submitted to the Environmental Protection Agency on 05/13/2009 and permit coverage became effective on 7/12/2009 after their sixty day waiting period. The facility falls under sectors AD (non-classified) and R (ship and boat building and repair yards) of the permit. The EPA's Enforcement and Compliance History Online database shows no results for this facility. This Facility has not been previously inspected by the ADEC.

FIELD INSPECTION

Upon arrival, introductions were introduced and inspector credentials were presented. We first began by discussing the elements of the permit and SWPPP and later did a site walk around. Typical activities that occur at the facility include pressure washing, painting, sandblasting, haul repair, and general basic maintenance. Boat building is not an allowable activity. Boats serviced are of all types, from commercial fishing, to cargo, to tour boats. When asked, Matt Chase stated he

does not have any major concerns with the facility.

The only regular non-storm water discharge is the water used in pressure washing. The facility has a tarp rule in which boats must have a tarp or filter fabric underneath them while work is being performed. The pressure washing water is then said to filter thru the fabric and infiltrate into the ground without ever reaching the storm water ditches.

Clients using the facility must sign a boat lift contract agreement that outlines the facility rules and BMPs. If there is a breach of the contract, the City of Seward will issue a stop work order until the issue is corrected. This stop work order is given verbally, then by writing if the verbal did not correct the issue. If the client still does not stop and correct the issue the city will notify the police and let them handle the situation. This is reported to have happened one time.

There are spill kit materials on site and seven city staff are trained in spill prevention and response. When there is a leaky vehicle, the typical procedure is to dig up the contaminated soil and burn it in the Smart Ash unit. There are two dumpsters on site which are emptied every Wednesday. Paint chips from the boats are sent to the landfill and used sandblast grit is sent to a facility in Kenai for proper disposal. There are approximately 10 abandoned boats in the yard. These boats are eventually auctioned off or dismantled. If they are dismantled, the wood goes to the dump and the metal is recycled as scrap.

Prevention of potentially contaminated storm water runoff is done with road grading, removal and storage of snow, and a ditch around the property. The harbor has a program where it recycles used oil and uses it to heat city buildings.
There is a used oil tank farm with three tanks (17,000 gallons; 10,000 gallons, and 5,000 gallons) at the corner of the SMIC property. The tank farm is fenced in, surrounded by a dike, and has fabric laid underneath the soils. The tank farm is said to meet SPCC standards. There is an SPCC plan in the shop. The drains on the shop floor go to a leach field.

Chemicals are labeled and kept in plastic coffer dams. There is a MSDS book present. Materials are stored in the shop if possible. The facility does not have salt storage. The facility states that they participate in a voluntary OSHA inspection each year. There is also and Operations and Maintenance book and maintenance logs are kept for the 250 ton, the grader, and the loader. Maintenance is performed based on the number of hours on the meter or as necessary. Routine maintenance of the lift done by the City of Seward.

Grab samples are taken for the visual assessments. These samples have been saved in their clear jars and are sitting inside the Harbormaster's Office. Three city staff are trained in sample collection and testing.

SAMPLING ACTIVITIES

Sampling was not done as part of this inspection.

RECORDS REVIEW

There is a Storm Water Pollution Prevention Plan (SWPPP) in place and readily accessible. The SWPPP is signed. There is a separate Spill Prevention Control and Countermeasure Plan (SPCC), MSDS book, and Operations and Maintenance Manual in place. There is an electronic copy of the permit accessable on-site and available from city computers. A copy of the EPA permit authorization letter and Notice of Intent was with the SWPPP. There have reportedly been no spills in a few years. A log of employee training is being maintained and shows trainings on 03/19/09, 03/26/09, and 10/06/09.

Original copies of the routine facility inspection and quarterly visual assessment reports are kept with the SWPPP. See Appendix 3 for an example of one such report. These reports were filled out completely and clearly identified the BMPs that were in need of corrective actions. Corrective actions were assigned a due date. Routine facility inspections and quarterly visual assessments were conducted and documented on 09/03/2009, 11/23/2009, and 02/14/2010. The City did complete their Annual Report for EPA on 09/03/2009.

The City of Seward has all of its clients read and sign a work policy before work may begin. This document, amongst other things, identifies allowable maintenance and repair activities, rules covering pre-approved contractors, business licenses, water, restrooms, electricity, garbage, used oil and HAZMAT disposal, blast grit, spray painting, materials/equipment stowage; and best management practices covering trash/debris, blasting, chipping, sanding, tarped enclosures, canvas or plastic tarp ground covers, spray painting, open containers of solvents and paints, storage and cleaning of parts, spills, and winterizing. See appendix 2 for an excerpt from the SMIC Upland Boat Works Policy.

Section D: Compliance/Recommendations

VIOLATIONS

No violations of the MSGP permit were observed.

Section E: Appendices

1: Notice of Intent
2: Excerpt from the SMIC Upland Boat Works Policy
3. Example of Routine facility Inspection and Quarterly Visual Assessment Report from 09/03/2009
4. Annual Report

Kara Kusche 06/29/2010	Signature only acknowledges receipt of this report. Inspection report given to:
Inspector: Kara Kusche Date	Company (if applicable): Date
Division of Water/Water Quality Compliance	SEWARD MARINE INDUSTRIAL CENTER 7/6/2010

PHOTO ADDENDUM – SEWARD MARINE INDUSTRIAL CENTER

PHOTO 1: CULVERT OUTFALL, LOCATION OF SAMLING

PHOTO 2: CULVERT OUTFALL, LOCATION OF SAMPLING

PHOTO 3: FACILITY SIGNAGE

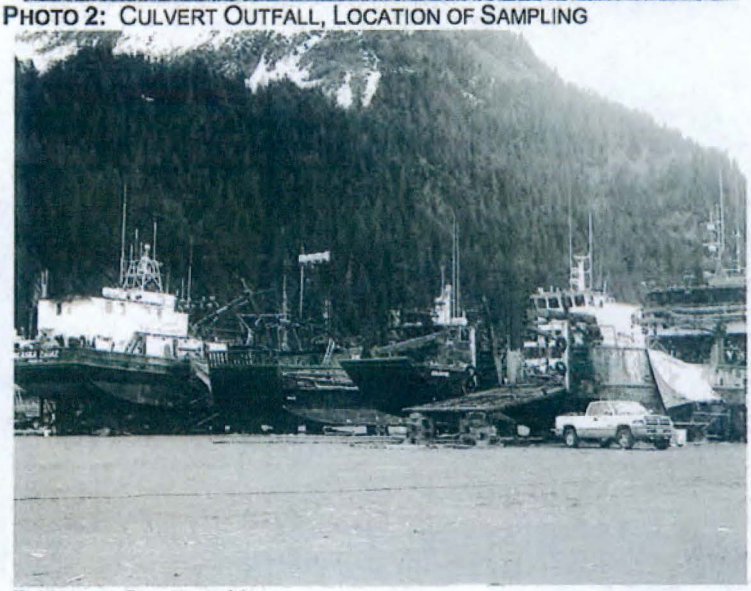

PHOTO 4: BOATS IN YARD

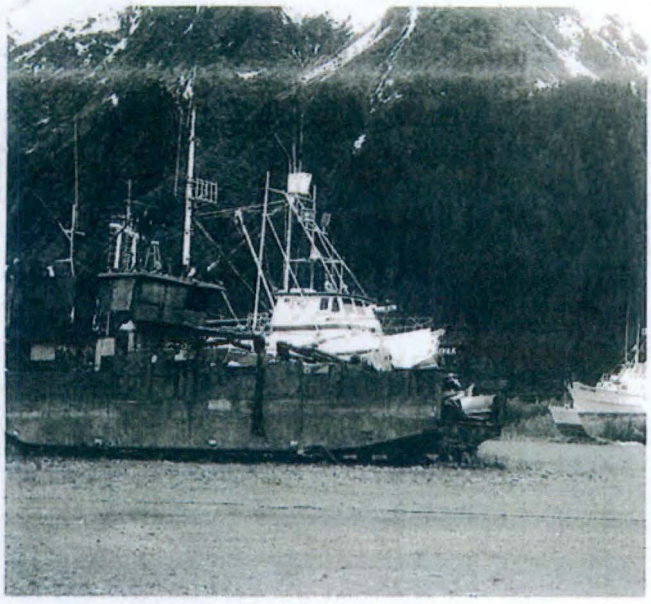

PHOTO 5: BOATS IN YARD

PHOTO 6: EXAMPLE OF WORK IN PROGRESS, TARP BMPS

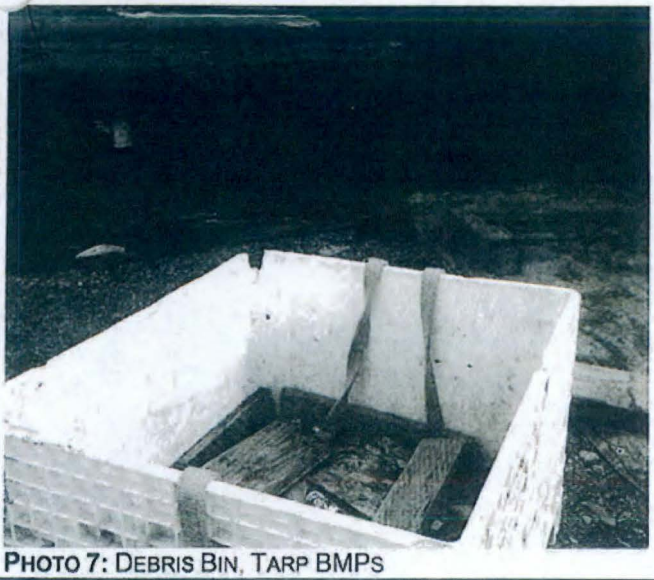

PHOTO 7: DEBRIS BIN, TARP BMPS

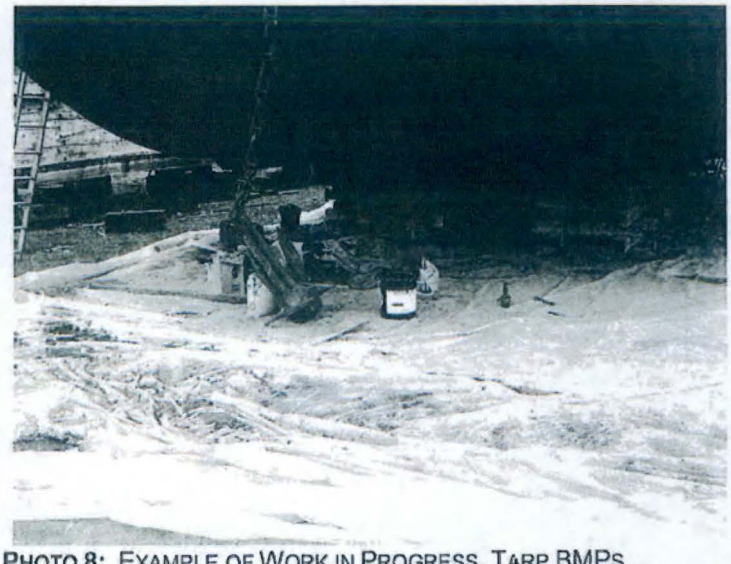

PHOTO 8: EXAMPLE OF WORK IN PROGRESS, TARP BMPS

PHOTO 9: FENCED AND DIKED TANK FARM

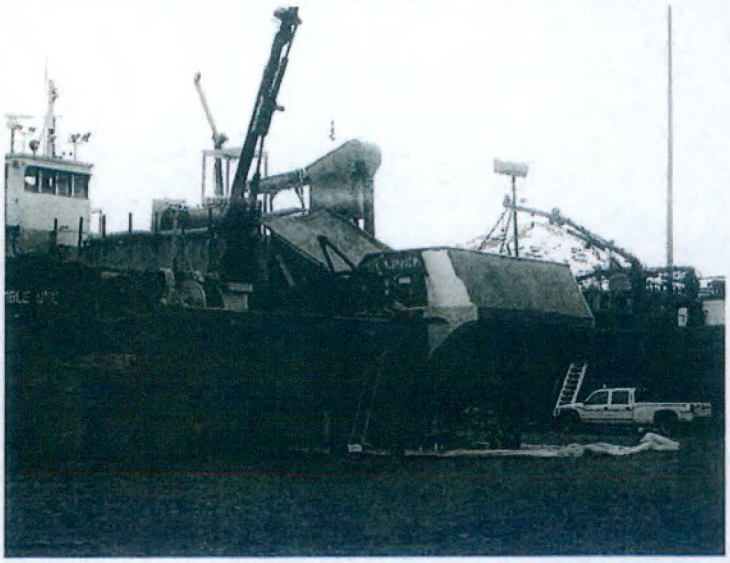

PHOTO 10: BOATS IN YARD, WORK IN PROGRESS

PHOTO 11: BOAT LIFT

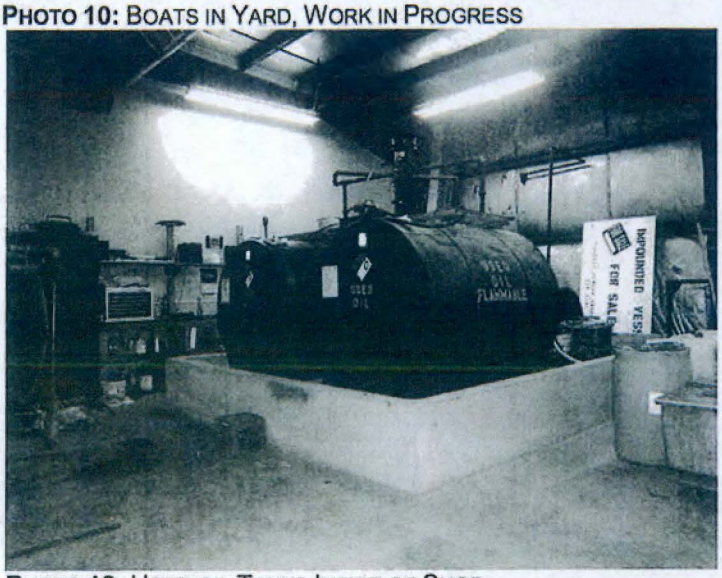

PHOTO 12: USED OIL TANKS INSIDE OF SHOP

WOHLFORTH | BRECHT | CARTLEDGE | BROOKING

A PROFESSIONAL CORPORATION

Julius J. Brecht
Cheryl Rawls Brooking
Cynthia L. Cartledge
Michael Gatti
Clyde W. Hutchins Jr.
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900 WEST 5TH AVENUE, SUITE 600
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TELEPHONE
907.276.6401

FACSIMILE
907.276.5093

WEBSITE
WWW.AKATTY.COM

May 4, 2011

Kari Anderson, Harbormaster
City of Seward
PO Box 167
Seward, AK 99664

Re: RBCA/ACAT v. Seward

Dear Kari:

The purpose of this letter is to summarize the current status of the above-referenced lawsuit. In September 2005 the Resurrection Bay Conservation Alliance and Alaska Community Action on Toxics filed a lawsuit in Federal District Court against the City of Seward alleging a series of violations under the Clean Water Act. They alleged the City was operating two industrial facilities and discharging a list of specific contaminates into Resurrection Bay. They also alleged a variety of harm to their members, including aesthetic, recreational, educational and other interests. They asked the court to enjoin the City from discharging storm water into Resurrection Bay from the small boat harbor and the City's upland boat storage site in SMIC. They asked for an order requiring the City to clean up allegedly contaminated waters in Resurrection Bay. They also asked for civil penalties in the amount of approximately $76 million.

The court ultimately found that the City was not operating an industrial facility in the small boat harbor. The court found that the City operated the upland boat storage site by plowing snow and keeping ditches clear along the road. The City applied for a storm water permit, which EPA agreed to grant, and the court ordered a nominal $1 civil penalty. No other relief was obtained. No evidence was presented to support allegations of harm or evidence of contamination. The only "pollutant" shown to be discharged into Resurrection Bay was rain water.

As of today, the only issue outstanding is RBCA/ACAT's request for full attorney fees and costs in this matter. The district court found that the relief was nominal and each side is to bear its own fees and costs. RBCA/ACAT appealed the question of

attorney fees to the 9th Circuit Court of Appeals. Oral arguments were heard on Anchorage on May 3, 2011 and we await a decision from the 9th Circuit.

Please let me know if I can be of further assistance.

Sincerely,

WOHLFORTH, BRECHT,
CARTLEDGE & BROOKING

Cheryl Brooking

Cheryl A. Brooking
Cbrooking@akatty.com

CAB/tlm

Information Related to Question 2:

In addition, the Council request additional information regarding which other spill communities have such a facility, the fee structure for those facilities, and a rationale as to why the Council funding this facility would not disadvantage these other communities economically.

Community	Travelift Size	Owner/Operator	Wash down Pad Y/N	Rates
Seward	50 Ton	City of Seward	No	PDF of rate sheet attached
Seward	250 Ton	City of Seward	No	PDF of rate sheet attached
Homer	70 Ton	Northern Enterprises	No	$350.00 per hour (Contract Rates)
Homer	75 Ton	Northern Enterprises	No	$350.00 per hour (Contract Rates)
Kodiak	25 Ton	Fuller Boat Yard	No	Could not contact yard
Kodiak	100 Ton	Fuller Boat Yard	No	Rate Information Not Found on Web
Kodiak	150 Ton	Fuller Boat Yard	No	Could not contact yard
Kodiak	660 ton	City of Kodiak	Yes	PDF of rate sheet attached
Valdez	70 Ton	City of Valdez	Yes	PDF of rate sheet attached
Cordova	150 Ton	City of Cordova	Yes	PDF of rate sheet attached
Whittier	35 Ton	City of Whittier	No	PDF of rate sheet attached

PORT AND HARBOR TARIFF REGULATIONS - 2011

RULES, RATES, CHARGES AND REGULATIONS
FOR PORT AND HARBOR FACILITIES
CITY OF SEWARD, ALASKA

SEWARD BOAT HARBOR, SEWARD MARINE CENTER AND SHIP LIFT SYSTEM

CITY OF SEWARD
P.O. BOX 167
SEWARD, AK 99664

250 that policy or refuse a lift when, in his judgment, the public interest would be served. In making this public interest finding, the Harbormaster will consider the following factors:

(1) The degree of existing or potential congestion in the harbor, including upland storage areas, and whether the proposed lift will affect that congestion; and

(2) Whether the lift poses a risk of loss of public or private property, including potential damage to the Travelift or other city property and/or a risk of injury to people.

(b) *Boat Lift Agreement.* No vessel shall be lifted from land or water without a boat lift agreement (in the form attached to this tariff) having first been completed. It shall be the responsibility of the vessel owner/operator arranging the lift to provide the Harbormaster with all relevant information to conduct a safe lift including, but not limited to, the following:

(1) Vessel displacement;

(2) Vessel hull type and configuration;

(3) Location of all hull attachments and through-the-hull fittings including propeller shafts, rudders, etc.;

(4) Location, weight and type of ballast, fuel and water tanks; and

(5) Any special lift requirements to avoid vessel damage.

(c) *Responsibilities.* The vessel owner/operator, or his agent, must be present during all vessel lifts and must inspect and approve the City's proposed placement of lift slings, lines and destination location. It is the responsibility of the vessel owner/operator, or his agent, to provide all blocking materials, to block the vessel, and to approve the placement of the vessel on said blocking. It is also the responsibility of the vessel owner/operator, or his agent, to assure that any vessel cradles or trailers upon which the vessel is to be placed are adequate in design and strength to safely accommodate the vessel.

It is the responsibility of the vessel owner/operator to assure that adequate handling lines are placed and manned on the vessel upon its return to the water.

(d) *Dockside Lay Time.* Dockside lay time may be allowed as scheduling permits. However, all vessels must be removed from dockside within three (3) hours of receiving notice from the Harbormaster or his agents.

255 50-TON TRAVELIFT FEES

(a) *Description of Charge.* The lift fee is the charge for lifting a vessel from the water or the land utilizing the City's 50-ton Travelift. A separate lift fee is generated whenever a vessel is lifted, even if it is only lifted and relocated on land. Lift fees do not include overtime labor charges for operation of the Travelift system as described in Subsection 225 of this tariff.

(b) *Lift Fee*

(1) *Minimum Fee.* The minimum fee for a lift shall be TWO HUNDRED THIRTY SIX DOLLARS AND TWENTY FIVE CENTS ($236.25) for the first hour of use or any portion of time less than one hour. The lift fee will be determined by the overall length of the vessel. A full lift fee is earned once a lift has commenced, even if that lift is subsequently interrupted, suspended or canceled for any reason. The risk of loss because of a suspended or canceled lift by reason of

Subsection

mechanical failure or difficulty with the Travelift system is the responsibility of the vessel owner/operator. Once a lift is scheduled and the boat owner fails to show or cancel the lift at least one hour prior to the scheduled lift time, the minimum lift fee will be charged.

(2) *Additional Lift Fee Rates for Large Vessels.* In addition to the minimum fee, the lift fee shall be TWENTY ONE DOLLARS ($21.00) per foot of vessel length for each foot over fifty (50) feet during the first hour of use or any portion of time less than one (1) hour.

(3) *Second and Additional Hours of Lift.* All time in excess of one (1) hour shall be charged in fifteen (15) minute increments at the rate of FIFTY-NINE DOLLARS AND SIX CENTS ($59.06) per one-quarter (1/4) hour or any portion of time less than one-quarter (1/4) hour.

(4) *Relocation Fee.* Relocation of all vessels on the uplands shall be charged at a rate of TWO HUNDRED THIRTY SIX DOLLARS AND TWENTY FIVE CENTS ($236.25) per hour.

250-TON TRAVELIFT

(a) *Operating Policy.* The City owns and operates a 250-ton Travelift in the Seward Marine Industrial Center. The Harbormaster generally schedules vessel lifts on a first-come, first-served basis, but he may deviate from that policy or refuse a lift when, in his judgment, the public interest would be served. In making this public interest finding, the Harbormaster will consider the following factors:

(1) The degree of existing or potential congestion in the harbor, including upland storage areas, and whether the proposed lift will affect that congestion; and

(2) Whether the lift poses a risk of loss of public or private property, including potential damage to the Travelift or other city property and/or a risk of injury to people.

(b) *Boat Lift Agreement.* No vessel shall be lifted from land or water without a boat lift agreement (in the form attached to this tariff) having first been completed.

It shall be the responsibility of the vessel owner/operator arranging the lift to provide the Harbormaster with all relevant information to conduct a safe lift including, but not limited to, the following:

(1) Vessel displacement;

(2) Vessel hull type and configuration;

(3) Location of all hull attachments and through-the-hull fittings including propeller shafts, rudders, etc.

(4) Location, weight and type of ballast, fuel and water tanks; and

(5) Any special lift requirements to avoid vessel damage.

(c) *Responsibilities.* The vessel owner/operator, or his agent, must be present during all vessel lifts and must inspect and approve the City's proposed placement of lift slings, lines and destination location. It is the responsibility of the vessel owner/operator, or his agent, to provide all blocking materials, to block the vessel, and to approve the placement of the vessel on said blocking. It is also the responsibility of the vessel owner/operator, or his agent, to assure that any vessel cradles or trailers upon which the vessel is to be placed are adequate in design and strength to safely accommodate the vessel.

Subsection

260 It is the responsibility of the vessel owner/operator to assure that adequate handling lines are placed and manned on the vessel upon its return to the water.

(d) *Dockside Lay Time.* Dockside lay time may be allowed as scheduling permits. However, all vessels must be removed from dockside within three (3) hours of receiving notice from the Harbormaster or his agents.

265 250-TON TRAVELIFT FEES

(a) *Description of Charge.* The lift fee is the charge for lifting a vessel from the water or the land utilizing the City's 250-ton Travelift. A separate lift fee is generated whenever a vessel is lifted, even if it is only lifted and relocated on land. Lift fees do not include overtime labor charges for operation of the Travelift system as described in Subsection 225 of this tariff.

(b) *Lift Fee*

(1) *Minimum Fee.* The minimum fee for a lift on the 250-ton Travelift shall be THREE HUNDRED FORTY SIX DOLLARS AND FIFTY CENTS ($346.50) for the first hour of use or any portion of time less than one (1) hour. The overall length of the vessel will determine the lift fee. A full lift fee is charged once a lift has commenced, even if that lift is subsequently interrupted, suspended or canceled for any reason. The risk of loss because of a suspended or canceled lift by reason of mechanical failure or difficulty with the Travelift system is the responsibility of the vessel owner/operator. Once a lift is scheduled and the boat owner fails to show or cancel the lift at least one hour prior to the scheduled lift time, the minimum lift fee will be charged.

(2) *Additional Lift Fee Rates for Large Vessels.* For all vessels over FIFTY FIVE (55) feet in length, an additional TWENTY ONE DOLLARS ($21.00) shall be charged for each foot of vessel length over fifty five (55) feet during the first hour of use or any portion of time less than one (1) hour.

(3) *Second and Additional Hours of Lift.* For use of a lift in excess of one (1) hour, a fee of THREE HUNDRED FORTY SIX DOLLARS AND FIFTY CENTS ($ 346.50) per hour shall be charged. This charge shall be assessed in not less than fifteen (15) minute increments of EIGHTY SIX DOLLARS AND SIXTY THREE CENTS ($86.63) and shall be generated per one-quarter (1/4) hour or any portion of time less than one-quarter (1/4) hour.

(4) *Relocation Fee.* Relocation of all vessels on the uplands shall be charged at a rate of THREE HUNDRED FORTY SIX DOLLARS AND FIFTY CENTS ($346.50) per hour.

270 SHIPLIFT FEE

(a) *Description of Charge.* The shiplift fee is the charge for lifting a vessel from the water and returning it to the water utilizing the shiplift.

(b) *Lift Fee.* The shiplift fee shall be based upon vessel length. A full shiplift fee is earned once a lift has commenced, even if that lift is subsequently interrupted, suspended or canceled for any reason. The risk of loss because of a suspended or canceled lift by reason of mechanical failure or difficulty with the shiplift system is the responsibility of the permit holder and the vessel owner.

(c) *Basis for Computing Charges.* The shiplift fee will be determined by the overall length of the vessel. Overall length shall be construed to mean the linear distance, expressed in feet, from the most forward point at the stem to the aftermost part of the stern of the vessel, measured parallel to the base line of the vessel.

Subsection 270 For shiplift fee purposes, overall length of the vessel as published in "Lloyd's Register of Shipping" will be used. If no such figure appears in "Lloyd's Register", the shiplift operator reserves the right to:

5140 Kachemak Drive | Homer, Alaska | 907-235-8234 | info@northernenterprisesboatyard.com

Northern Enterprises Boat and Commercial Yard...

A 30 acre yard with more than 20 shops and commercial buildings.

- Vessel Haul Out and Storage
- Boat Repair and Rebuild Shops
- 2 Marine Travelift 70 ton capacity
- Year Round Boat Storage
- Retail and Work Shop Rentals
- Building Leases, Long or Short term
- Commerical Building rentals up to 5,000 sq. ft.
- Office Space, for nearly any use

Our equipment includes 2 - 15 ton mobile hydraulic cranes, large and small fork lifts, Watertanker with 4,000 lb pressure washer, several boat trailers for moving boats into buildings.

Our boat yard was built by Commercial Fisherman for Commercial Fisherman. It was built to make boat repair and storage as convenient as possible for the boat owner. At the time, it was almost impossible to get boat work done along the coast of Alaska.

Our business is lifting boats out of the water, to be stored on land, or repaired and building rentals. We do not do any of the repair work, we were to busy fishing when the yard was built, however we have 20 buildings that are rented to people that do the boat repair work. With the contractors we have on sight almost any repair can be accomplished. For a list of contacts see the Contractors Page or call 907-235-8234

RATES VERIFIED VIA PHONE CALL

City of Kodiak

APPENDIX "F"

Fee Schedule
July 1, 2009

9.16	**Boat Yard**	
	• Payment - without pre-approved credit, 50% of the estimated yard fees are due before the lift; the remainder must be paid prior to launch.	
	• Lifts taking more than four hours will be assessed extra labor and/or machine time.	
	• Dry dockage is assessed the entire time the vessel remains in the yard.	
9.16.1	**Lift, Block and Launch**	
9.16.1.1	Vessels up to 80'	$40.00 per foot
9.16.1.2	81' to 100'	$45.00 per foot
9.16.1.3	101' to 120'	$55.00 per foot
9.16.1.4	121' to 150'	$65.00 per foot
9.16.1.5	151' and up	$70.00 per foot
9.16.1.6	After hours surcharge	+ 20% per foot
9.16.2	**Non-standard Lift** (Operator and lift)	$1,500.00/hour
9.16.3	**Inspection Lift,** includes 1 hour hang time free	75% of lift/launch
9.16.4	**Hang Time**	$275/ea addl. hr
9.16.5	**Delay of Lift**	$250.00/per half hour
9.16.6	**Pressure Wash** (and scrape if necessary)	T, M & E*
9.16.7	**Reposition**	50% of lift/launch
9.16.8	**Scheduling Deposit** (Credited to lift or forfeited if the vessel is late or "no show.").	$ 750.00
9.16.9	**Dry Dockage Space** (November 1-March 30	$1.75 per ft/day
9.16.10	**Dry Dockage Space** (April 1 – October 31)	
9.16.10.1	Days 1 – 14	$1.75 per ft/day
9.16.10.2	Days 15 – 28	$2.25 per ft/day
9.16.10.3	Day 29 and beyond	$2.75 per ft/day
9.16.11	**On Site Storage**	
9.16.11.1	Daily (First three days (or portion thereof) no charge)	$0.05/sq ft/day
9.16.11.2	Minimum charge	$15.00
9.16.12	**Vendor** (Vendors must be preapproved and have $1M liability coverage)	
9.16.12.1	Registration (Paid by vendor)	$300/year
9.16.13	**Utilities** (Includes water)	
9.16.13.1	120v single-phase 30 amp or actual kWh cost, whichever is greater	$15.00/day
9.16.13.2	208v single-phase 50 amp or actual kWh cost, whichever is greater	$35.00/day
9.16.13.3	208v three-phase 100 amp or actual kWh cost, whichever is greater	$40.00/day
9.16.13.4	480v three-phase 100 amp or actual kWh cost, whichever is greater	$50.00/day
9.16.14	**Equipment Rental**	
9.16.14.1	Fork lift	$75.00/half hour
9.16.14.2	Man lift	$75.00/half hour
9.16.14.3	Pressure Washer, 3 hour minimum $125.00 day maximum	$25.00/hour
9.16.14.4	Other	T, M & E*
9.16.15	**Environmental Tarp** (Ground tarp required for all bottom work)	Cost + 15%
9.16.16	**Waste Disposal**	
9.16.16.1	Used oil	$1.00/gallon
9.16.16.2	Dumpster (5.5 yard)	$100.00/tip
9.16.16.3	Non-Hazardous liquids, including oil bilge water	$2.25/gallon
9.16.16.4	Hazardous	Cost + 15%
9.16.16.5	Other, i.e. metals and wood	Cost + 15%
9.16.17	**Labor**	
9.16.17.1	City Employee, straight time	$65.00 per hour
9.16.17.2	City Employee, overtime	$95.00 per hour
9.16.17.3	Contract service provider (i.e. diver, lift operator, etc)	Cost + 15%
9.16.18	**Environmental Surcharge**	2.5% of gross
9.16.19	**Other Fees and Services**	Cost + 15%

*T – Time i.e. Labor Hours; M – Materials; E – Equipment Hours

CITY OF VALDEZ, ALASKA

RESOLUTION NO. 09-54

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, NAMING RATES AND FEES FOR USE OF FACILITIES IN THE VALDEZ SMALL BOAT HARBOR AND REPEALING RESOLUTION NO. 08-58 FORMERLY NAMING SUCH RATES AND FEES

WHEREAS, the Valdez Small Boat Harbor is operated and maintained under the jurisdiction of the Valdez City Council; and,

WHEREAS, Resolution No. 08-58 previously established the schedule of rates and fees for the public use of the Valdez Small Boat Harbor; and,

WHEREAS, the City Council has determined that adjustments in rates and fees are necessary in order to provide for adequate funding of long term maintenance and operations of the Harbor.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Valdez, Alaska, that:

Section 1. Resolution No. 08-58 is hereby repealed.

Section 2. The attached schedule of rates and charges shall govern the public use of the facilities in the Valdez Small Boat Harbor.

Section 3. This resolution shall become effective upon approval.

PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF VALDEZ, ALASKA, this 9th day of November, 2009.

CITY OF VALDEZ, ALASKA

ATTEST:

Bert L. Cottle, Mayor

Sheri L. Pierce, CMC/AAE, City Clerk

VALDEZ CONTINUED

C. Miscellaneous Moorage Fees

Vessels which occupy more than one-half (1/2) of the space between two (2) finger floats will be assessed an over-width fee of two dollars ($2.00) per square foot over the allowed space.

Seaplanes will be assessed moorage by the width of the wings, i.e., if a seaplane takes up the space of three (3) slips, it will be charged accordingly.

SECTION II. UPLAND STORAGE

A. Upland storage of vessels, vessels on trailers, trailers, or cradles during winter months (October 1 - April 30) shall be charged at a minimum rate of fifty-six dollars and fifty cents ($56.50) per vessel, vessel on trailer, trailer, or cradle per month, up to thirty feet (30') in length. For all storage over thirty feet (30') in length, an additional one dollar and ninety cents ($1.90) per foot per month shall be charged.

B. Upland storage of vessels, vessels on trailers, trailers, or cradles during the summer months (May 1- September 30) shall be six dollars and twenty-five cents ($6.25) per day per vessel, vessel on trailer, trailer, or cradle.

SECTION III. BOAT LIFT

A. The following charges shall be made for use of the 75-ton Travelift.

1. The minimum fee for a lift shall be one hundred forty dollars ($140.00) for the first hour of use or any portion of time less than one (1) hour.

2. For use of the lift in excess of one (1) hour, a fee of one hundred forty dollars ($140.00) per hour shall be charged. This charge shall be assessed in no less than fifteen (15) minute increments of thirty-five dollars ($35.00).

3. For use of the lift after normal working hours, a fee of two hundred - eighty dollars ($280.00) shall be assessed for the first hour and one hundred forty dollars ($140.00) per hour for each consecutive hour.

4. For use of the lift to hang overnight, a fee of two hundred-eighty dollars ($280.00) shall be assessed. Hanging overnight consists of two separate lifts, one in the evening and one in the morning. The last lift of the day must be scheduled with Harbor staff and no longer than one hour shall be taken or overtime rates will apply as described in item #3 above. Vessel

VALDEZ CONTINUED

SECTION X. SHOWERS

A fee of four dollars ($4.00) per shower will be charged for use of public showers in the restrooms located below the Small Boat Harbor office.

SECTION XI. MAINTENANCE AND WASHDOWN PADS

Use of the Maintenance Pads shall be charged a fee of fifteen dollars ($15.00) per day for fourteen days or less; twenty dollars ($20.00) per day for fifteen to thirty days; thirty dollars ($30.00) per day for thirty-one days or more and includes use of power and water. Use of Washdown Pads are free. Power is available at the Washdown Pads and in the uplands for fifteen dollars ($15.00) per day.

Coast

TRAVEL LIFT RATES

	ONE WAY	ROUND TRIP
Up to 40'	**$11.00/ft**	**$22.00/ft**
41'-58'	**$12.00/ft**	**$24.00/ft**
59' and over	**$13.00/ft**	**$26.00/ft**

* All payment is due in advance and for round trip.

Miscellaneous Fees

Inspection Haul: 60% of round trip
Minimum Fee: $300.00
Electrical Use: $10.00/day

Storage Rates:

14 Days or less		Over 14 Days	Over 12 Months
Up to 40'	$20.00/day	$2.00/ft/month	$4.00/ft/month
41'-58'	$30.00/day		
59' and up	$50.00/day		

Washdown: Washdown Pads are free
No-Show Fee: Once a lift is scheduled and the boat owner fails to show or cancel the lift at least one hour before the scheduled lift time, the minimum lift fee will be charged.

Descriptions

Per Lift: All rates are per lift or one way
Inspection Haul: Hauled out and left in slings over dock for a period of up to two hours returned to the water. $75.00 per 15 minutes after alloted time. Limited to approval and availability.

Minimum Fee: This is the lowest fee for Travel Lift use. There is a one hour minimum for such things as re-blocking or re-locating of vessels.

WHITTIER SMALL BOAT HARBOR--2011 RATES

SERVICE/FEE	DESCRIPTION	2011	W/TAX	PER
PREFERENTIAL	JAN through DEC	$ 64.20	$ 65.81	ft.
ANNUAL MOORAGE	JAN through DEC	$ 64.20	$ 65.81	ft.
TRANSIENT MOORAGE	Daily	$ 1.10	$ 1.16	ft.
TRANSIENT MOORAGE	Monthly	$ 21.40	$ 22.47	ft.
TRANSIENT MOORAGE (WINTER)	OCT to APR (6 mo)	$ 71.35	$ 74.92	ft.
BOAT LIFT	Short	$ 299.50	$ 314.48	1hr.
BOAT LIFT	Normal	$ 269.50	$ 282.98	1hr.
BOAT LIFT	Rail Car Lift	$ 349.50	$ 366.98	1hr.
Each Additional	Half hour	$ 100.00	$ 105.00	1/2 hr
LAUNCH RAMP	One Way	$ 10.00	$ 10.00	Time
LAUNCH RAMP	Round Trip	$ 20.00	$ 20.00	Time
LAUNCH RAMP (Recreational/Pleasure)	Annual Launch Permit	$ 150.00	$ 153.75	Year
LAUNCH RAMP (Commercial)	Annual Commercial Use	$ 400.00	$ 410.00	Time
LAUNCH RAMP	Single Kayak	$ 10.00	$ 10.00	Time
LAUNCH RAMP	Group Kayak(4 max)	$ 35.00	$ 35.00	Time
LAUNCH RAMP (personal water Craft)	Jet Ski	$ 15.00	$ 15.00	Time
HOIST	Min. 1 hr	$ 41.50	$ 43.58	1hr
GRID	All Vessels	$ 2.20	$ 2.31	ft.
DRY STORAGE -- Winter, per ft/mo	Vessel	*$ 4.00*	*$ 4.20*	ft.
DRY STORAGE -- Winter, per ft/day	Vessel	*$ 6.00*	*$ 6.30*	ft/day
BOAT MAINTENANCE (Day 1-7)	Vessel	$ 20.00	$ 20.00	Day
BOAT MAINTENANCE (Starting day 8)		*$ 35.00*	$ 35.00	Day
DRY STORAGE--clean up fee	Clean up fee	$ 75.00	*$ 78.75*	Hour
PARKING (midnight to midnight)	Daily	$ 10.00	$ 10.00	Day
PARKING (January through December)	Annual	$ 220.00	$ 225.50	Year
WHARFAGE	Commercial	$ 9.25	$ 9.71	Ton
WHARFAGE	Raw Fish	$ 13.85	$ 14.54	Ton
MISCELLANEOUS			$ -	
ABSORBENTS	*	$ 2.15	$ 2.26	Each
BAD CHECKS	*	$ 30.00	$ 30.00	
CHARTS	*	$ 25.00	$ 26.25	Each
COPIES	*	$ 0.25	$ 0.26	Page
COPIES ANNUALS		$ 25.00	$ 25.00	Each
COPIES BERTH HOLDERS		$ 25.00	$ 25.00	Each
COPIES OF WAIT LIST		$ 6.00	$ 6.00	Per List
COPIES WAIT LIST APPLICANTS		$ 25.00	$ 25.00	All
FAX 1st	First Page	$ 1.50	$ 1.58	EACH
FAX 2nd+	Additional Pages	$ 0.50	$ 0.53	EACH
LABOR FEE	Harbor Staff	$ 75.00	$ 78.75	Hour
LATE FEE	1.5 % of unpaid balance	0.015	0.015	
OWNER/AGENT ASSIST		$ 75.00	$ 78.75	Hour
PUMP OUT		$ 75.00	$ 78.75	Each
PUMP RENTAL		$ 40.00	$ 42.00	Each
SHOWER	*	$ 4.00	$ 4.00	Time
SNOW REMOVAL/EMERGENCY		$ 150.00	$ 157.50	Time
TOW		$ 75.00	$ 78.75	Hour
USER FEE --SET BY WMC.($1.00/head w/4% discount)		$ 0.96	$ 0.96	Per/Head
WAITING LIST	*	$ 50.00	$ 50.00	Year
UTILITIES				
ACCOUNT INITIALIZATION	*	$ 25.00	$ 25.00	
KWH	Currently	$ 0.09	$ 0.09	
MONTHLY SERVICE CHARGE	Only if elec. Used.	*$ 11.00*	*$ 11.00*	Month
UNMETERED ELECTRIC		*$ 5.50*	*$ 5.50*	Day
ELECTRIC un-metered + transient use	NOT USED AT THIS TIME	~~$ 4.00~~	~~$ 4.20~~	Day
ELECTRIC 240 V, 30-50 AMP TRANSIENT USE	NOT USED AT THIS TIME	~~$ 7.00~~	~~$ 7.35~~	Day
COMMERCIAL USED OIL AND WATER COLLECTION FEES				
Pure Used Oil	Per Gallon	$ 1.50	$ 1.58	gal
Used Oil and Water	Per Gallon	$ 3.00	$ 3.15	gal
Bold = change for 2011				
Gray = tax included in fee				

Clean Harbor *Jennings*
NOAA - PJ 12120112

NOAA Restoration Center's PWS Harbor Cleanup Project

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FY12 INVITATION

PROPOSAL SUMMARY PAGE

Project Title: NOAA Restoration Center's PWS Harbor Cleanup Project

Project Period: FY2012 - FY2016

Team Lead: Laurel Jennings – NOAA Restoration Center

Study Location: Coastal Communities with harbors of Prince William Sound

Abstract: The National Oceanic and Atmospheric Administration (NOAA) Restoration Center (RC) proposes to establish a new funding opportunity for Prince William Sound coastal communities to help them prevent small but damaging toxic releases originating from harbors and marinas. This opportunity will build upon existing resources and knowledge and provide communities with a long serving set of methods for handling small spills and re-engage an already informed group of concerned citizens to help run the program after the five years of EVOS funding is completed. This effort will review past EVOS assistance to harbors ensuring that past EVOS expenditures for equipment are utilized to the maximum efficiency, identify technology advancements that can improve current activities in the marinas, and create a local investment and ownership in the success of chosen projects. The purpose of this project will be to protect marine resources negatively affected in EVOS from future aggravation and pollution.

Table 1 Budget summary

	FY12	FY13	FY14	FY15	FY16	Total
EVOS Invitation	$73,000	$326,000	$278,500	$303,500	$19,000	$1,000,000[1]
NOAA Leverage	$84,630	$93,730	$93,730	$93,730	$84,630	$450,450

[1] This cost does include a ~9% administrative cost, see table on page 8 for more information.

NOAA Restoration Center's PWS Harbor Cleanup Program

Background:

Water pollution threatens our health, impacts many of the species that make up the web of life in Alaska, and diminishes our quality of life. We need to keep toxic, nutrient, and pathogen pollutants out of our water, fish, and shellfish in the first place.

The State of Alaska, Office of the Governor outlined the best management practices for harbors, marinas and boatyards in a helpful guide. (http://www.alaskacoast.state.ak.us/ACMPGrants/6217/docs/HarborBMPmanual.pdf) and in 1995-1999 the EVOS Trustee Council funded harbor cleanup measures by funding the creation of waste management plans and purchasing equipment for waste management at many coastal communities (project numbers 99514, 99304, 97304, 97115, 96115, 95417, etc.). These and other measures are part of the solution, but it is time to reinvigorate and update these plans and communities. The actions proposed by NOAA will continue to implement the process, reengage the community, review waste management plans, identify areas where they are in need of update, adaptively manage the process by implementing new technologies and formalizing a process by which the plan will evolve with the communities and be passed on through changing leaders, harbor masters and NGOs.

Statement of the Problem:

Following the 1989 oil spill, funding has been directed to increasing the state's capacity to prevent future oil from contaminating the waters of Prince William Sound (PWS). In the twenty years post spill, much of the equipment purchased for this purpose has become obsolete. Initial investigations indicate job turn-over, intermittent communications with harbormasters, unused or obsolete oil pollution prevention equipment, and changes in waste oil and recycling services in communities has resulted in oil pollution abatement programs which could be improved. To complicate the issue - persistent illegal dumping, the use of soap as oil dispersant, ineffective oil booming during boat maintenance and improper use of oily waste disposal areas remain. This grant application proposes a multi-year process by which the needs of the communities and delicate coastal waterways of PWS could better be served by using the funding available through the EVOS FY12 Invitation for clean harbors and oil abatement. The proposal has three elements; a scoping period, an implementation phase, and an assessment phase. Each of these sections will be discussed in further detail.

Proposal elements:

In this proposal, the NOAA RC will be the leader of a focused effort to bring community awareness and understanding of marina pollution to a new level. Over five years, we will move from a scoping period to

an implementation phase and then conclude with an assessment phase. The proposed timeline can be seen in Table 2.

Table 2 Project timeline

September 2011	EVOS TC decision for funding made
October – December 2011	Gearing up of NOAA participants
January – December 2012	Public scoping period
May – August 2012	Public scoping meetings
September – November 2012	Working group selection of projects and costs
January 2013 – January 2016	Project implementation
January – March 2013	RFP goes out to coastal communities
April 2013	NOAA review of proposals submitted
May – June 2013	Funding announced, applicant preparation
January 2014	Yearly report due to NOAA
January 2015	Yearly report due to NOAA
January 2016	Yearly report due to NOAA
February - September 2016	Assessment and lessons learned

Goals of the Project:

This project aims for coastal communities to begin programs based on oil and pollutant abatement, which will run past the life of this grant, with self-sufficiency being the main goal. By bringing current plans up to date and incorporating a process by which the waste management plans become living documents, we aim for these improvements to continue adapting and the cleanup programs to continue in "maintenance" mode. The program will also work to identify funding sources other than EVOS, finding these alternate sources of funding will aid the communities if later upgrades are needed. The outcome of these programs will be cleaner marinas, workable programs for maintenance of these marinas, and education transfers to ensure that lessons learned are not lost with rotating staff.

Project Effectiveness:

Effectiveness measures will be assessed by compliance with BMP's listed in AK Clean Harbors Guidebook. In addition, and where applicable, individual projects selected during this process will have their own measures of effectiveness. Most likely these will be based on amount of pollution prevented from entering the coastal ecosystem or measurable improvements in water quality.

Scoping Period

During this yearlong period, potential projects and partners will be identified. Communities that show an interest in forming a working group will be supported and tasked with identifying needs in their area. We anticipate working with a minimum of 4 communities in the spill-affected area.
We will work closely with DEC, ACOE's Christopher Hoffman (a biologist in the AK region), and other agencies in the formation of these groups as well as all steps in the process. From prior work in these communities, we expect the makeup of the working groups to include harbormasters, non-

governmental organizations (NGOs), state, federal, tribal entities, and members of the general boating public. Simultaneous with the formation of these working groups, an assessment of current equipment, equipment usage, location, and harbor hazardous waste disposal facilities will be conducted for each community. Following this assessment, a working group meeting will be conducted in each community where ideas for improved oil abatement and clean harbors will be compiled as well as a lessons-learned draft document to record what is not working. These reports will be brought together by the grantee (NOAA) and sent to the contributors in the community for review. Following a review and comment period, the community specific reports will be finalized and cost estimates for the suggested work will be researched. The cost for the proposed programs suggested by the working groups will be added to the report and distributed, this will conclude the scoping period.

Implementation Phase

In this phase of the project an open request for funding proposal (RFP) to conduct oil abatement and clean harbor work will be released to the communities. Involvement in the working groups is not a requirement for submission to the RFP but these groups will have an advantage of having already worked through some of the major needs for their particular harbors as well as cost assessments for the work needing to be accomplished. NOAA will work with Alaska Clean Harbors, specifically Rachel Lord from Cook Inlet Keeper and Shane Serrano AK DEC to create a work plan from the top ranked proposals from the communities. The EVOS Trustees will have a chance to review, comment on and approve each work plan. Following this approval, NOAA will contact the sub-contractor organizations. The award recipients will write yearly progress reports and take part in monthly phone conversations to report status of their work. The grant period will be for three years and NOAA will work closely with the grantees to document project success, work through potential difficulties, and improve upon the work. NOAA is interested to hear from the communities on what types of projects might work in their harbors, examples of these programs may include:

1. Creation of quick spill response kits for harbor dock spaces
2. Bilge sock giveaway program
3. Overhaul and revamp of disposal area for hazardous materials
4. Clean up of improperly disposed of batteries and debris in harbors
5. Boater education program
6. Harbormaster training program
7. New/improved plastics recycling stations for vessel waste
8. Signage for proper handling of waste materials
9. Updates of waste management plans
10. Waste transportation/recycling plans

A requirement for each project will be to involve volunteers (as appropriate) and give them educational lessons on why the work is being done and the benefits of their labor.

Assessment Phase

After the three years of project implementation are completed, the community working groups will gather again to discuss the success and needs for improvement of each of the projects. One of the main objectives in this time frame is to establish a long-standing plan for continued clean harbor practices. The NOAA goal is for this work to be the start of a community and municipality led effort to reduce human-generated pollutants from entering the water. We will encourage the working groups to establish plans for future success and will require a written document that not only lays out a lessons learned section but also a summary of the project. We hope that these documents can be posted on the EVOS website and made available to other communities that might be facing similar problems. At the conclusion of the project, summer 2016, we will gather all the working group members to a central location for a meeting and presentation of findings opportunity. We believe that having the ability to discuss project success with other like-minded individuals will spur further involvement and commitment.

Qualifications of the Applicant:

Working towards clean marinas is not new to NOAA, we run the Clean Marina Initiative. This national initiative details what we hope to achieve locally in PWS. The Clean Marina Initiative is a voluntary, incentive-based program promoted by NOAA and others that encourages marina operators and recreational boaters to protect coastal water quality by engaging in environmentally sound operating and maintenance procedures. While Clean Marina Programs vary from state to state, all programs offer information, guidance, and technical assistance to marina operators, local governments, and recreational boaters on Best Management Practices (BMPs) that can be used to prevent or reduce pollution. Marinas that participate in the Clean Marina Program are recognized for their environmental stewardship. Locally we will also work with Rachel Lord of Cook Inlet Keeper and Shane Serrano who coordinate the Alaska Clean Harbor Project. Cook Inlet Keeper and DEC have expressed support for this proposal and will work with us to ensure that this funding works in unison with the advancements made in the Alaska Clean Harbor Program and enforces the BMP's identified in the AK Clean Harbors Guidebook
http://www.nukaresearch.com/projects/cleanharbor/documents/100429AKCleanHarborsGuidebookvWEB.pdf .

NOAA, jointly responsible for administering the Coastal Nonpoint Control Program with EPA, plays an important role in protecting coastal waters from polluted runoff. The Coastal Nonpoint Program establishes a consistent set of management measures for all coastal states to use in controlling nonpoint source pollution. Management measures are designed to prevent or reduce runoff from a variety of sources, including marinas.

NOAA recognizes that the Clean Marina Initiative can serve a valuable role in protecting coastal waters from nonpoint source pollution and has promoted the program as a way for states to meet many of the

marina management measure requirements under the Coastal Nonpoint Program. As a result, the Coastal Nonpoint Program has been responsible for driving the development of most of the state Clean Marina Programs existing today and developing a national interest in the Initiative.

An effort to clean and maintain marinas is already happening Alaska. A new Alaska Clean Harbors program has been established. It is based off the Clean Marina model in the contiguous states (mentioned above) and utilizes the BMPs in the Alaska Clean Harbors Guidebook. In addition, Prince William Sound Keeper's Clean Harbors Clean Boating (Clean Harbors) program works in PWS, the same area this project will be focused. Each of the above programs/organizations are dedicated to cleaning harbors and protecting habitat, but they lack funding levels equal to what is being offered through the EVOS invitation. More funding is necessary to make an impact and firmly establish these programs at the community level.

The NOAA RC will work with the above organizations to develop ideas, secure possible leveraging funds, share information and strategies, and involve community members. This collaboration of leaders in the field of habitat restoration and clean waterways will result in a highly successful guidance core. The linkage between the RC and the organizations will ensure that relevant technology advancements in oil and pollution abatement will be a part of new programs as well as providing education from similar program methods and enforcements. In this way work performed in PWS will benefit from lessons learned nationwide while still emerging from grassroots community proposals.

Qualifications of Laurel Jennings:

Laurel Jennings has worked with the RC for over 3.5 years and in that time has focused on the NW region, which includes Alaska. She has served as the technical monitor for numerous projects, has managed grants and project timelines on multi-million dollar funding awards, and has worked in Alaska on oil spill environmental compliance needs. She is experienced in building working groups and leading teams of diverse stakeholders.

Qualifications of Erika Ammann:

She has over ten years of experience in the field of Fisheries and fish habitats. Since earning her master's in Fisheries from UAF in Juneau, Erika has overseen large research and restoration projects focusing mainly on Alaska. Erika has been at the forefront of habitat restoration issues in the state, has participated in stakeholder meetings, and has experience overseeing cooperative agreements.

Qualifications of Eric Rothwell:

Eric has ten years of hydrology experience related to anadromous fish habitat; this work has been in Alaska and Idaho focusing on watershed processes and instream flow. Eric has experience working with local, state, and Federal agencies on hydrology issues including water transactions, water quality, and fish passage.

Qualifications of Jeanne Hanson:

Jeanne Hanson has over 25 years of experience in environmental resource management. For the past 20 years she has worked for NMFS Habitat Conservation Division (HCD) in Alaska and is currently the Field Office Supervisor for HCD. Jeanne has experience in working on a variety of different permit reviews and licenses all over the State, and in writing several NEPA documents. In the past, she has been involved in projects related to oil exploration, development and production. Most recently, she has been the Alaska Region's point person on statewide water quality issues.

Qualifications of Matthew Eagleton:

Matt has over 20 years experience working within Alaska ports and harbor-related areas and is NMFS's regional harbor and port expert. He is the NMFS Alaska Region Essential Fish Habitat Coordinator. In coordination with the U.S. Army Corps of Engineers Civil Works Branch (COE-CW), he works as part of a NMFS team approach (together with John Olson) to review environmental impact assessments for all harbor new constructions and modifications (except SE AK), participate in research, and identify areas for effects mitigation. Matt's expertise often provides a practical application to alleviate and mitigate for any effects on marine resources and habitats from harbor projects. Also, Matt serves as the NMFS point of contact for the COE-CW Regional Dredge Team; a team that assesses dredge spoil issues and coordinates with the Pacific Northwest. Matt was a part of NOAA's operational and research team in the EVOS clean-up effort. He has direct familiarity and resource management application with all harbor areas in the EVOS study area.

Qualifications of John Olson:

John has over a decade of experience with NMFS marine resource and fisheries management and serves on NMFS's team approach to review, research, and coordinate NMFS's role in COE-CW harbor-related projects throughout Alaska. Also, John is member our regional NOAA dive assessment team (along with Erika Ammann) and has completed dive assessment surveys in EVOS-related harbors. His management experience and practical knowledge of harbor areas and marine resources provides insight to identify strategies to better the harbor environment.

Table 3 Project Budget

Budget	FY12	FY13	FY14	FY15	FY16	Total
scoping	$50,000					$50,000
implementation		$300,000	$252,500	$252,500		$805,000
assessment				$25,000		$25,000
travel	$23,000	$16,000	$16,000	$16,000	$9,000	$80,000

incidentals		$10,000	$10,000	$10,000	$10,000	$40,000
Total	$73,000	$326,000	$278,500	$303,500	$19,000	$1,000,000
administrative overhead						$90,000
Total						$1,090,000

A 9% administrative cost is included in this total

The project requires $1M for five years of funding. This money will be broken down into the following categories:

Project Scoping: Total = $50,000. This cost will be used on rental fees for meeting spaces, meeting materials and other related costs.

Project Implementation: Total = $805,000. This money will be divided in the coastal towns according to the prioritization of projects proposed by the community applicants. The technical board plus invited specialists in either the area or the technologies proposed will conduct the prioritization. Specific project types have not yet been selected, but examples of possible expenditures include; providing training materials or coursework to harbor masters, to make and stock the dockside small marina spill kits, and provide improved recycling containers to marinas. NOAA RC has administered funding for restoration projects in small Alaskan communities for the past 15 years and will use a similar "cooperative agreement" system as has been used in the past. This cooperative agreement is set up so that each project has a technical monitor to aid the project proponent in administration of funds, implementation and post-project monitoring.

Project Assessment: Total = $25,000. This cost will be used for paying for independent consultants, conference attendance (if applicable), publishing of final materials, and rental fees for meeting spaces.

Travel: Total = $80,000. We will fly the AK based project leaders from their office locations to each of the coastal towns during the first year, project-scoping period, to meet with the working groups and decide on a project list. In addition, the travel money will be used to conduct site visits during the implementation phase and to gather all the working group members for a collective meeting at the end of the project, FY 2016. In the 15 years that the RC has been implementing cooperative agreements in Alaska we have learned that there is no substitution for working with applicants in person and monitoring the project at several points in its implementation and monitoring phases. This funding does not end with money being handed over to communities but also comes with on the ground assistance and careful monitoring of the project to aid in foreseeing pitfalls and ensuring quality of implementation.

Incidentals: Total = $40,000. This money will be used for contingency planning and any remaining funds will go towards implementation.

Table 4 NOAA staff member leverage

Staff member	Role	Hours/year	Years Involved	Rate ($/Hour)	Total Leveraged Value
Laurel Jennings	Team Lead	240	5	91	$109,200
Erika Ammann	Team Lead	240	5	91	$109,200
Eric Rothwell	Team Lead	240	5	91	$109,200
Jeanne Hanson	Regional Lead	70	5	91	$31,850
Matt Eagleton	Regional Lead	70	5	91	$31,850
John Olson	Regional Lead	70	5	91	$31,850
Jennifer Steger	Technical Board	50	3	91	$13,650
K. Koski	Technical Board	50	3	91	$13,650
Total Leverage					$450,450

For an estimate of costs broken down by year, see Table 1.

NOAA Staff and Resources:

NOAA is a large federal agency and has the experience and capabilities to manage this award. We currently administer grants to eligible recipients through the Community Based Restoration Program and have a long record of successful collaborations and projects in Alaska.

Personnel - We will have three leads on this project, Laurel Jennings based in Seattle while Erika Ammann and Eric Rothwell are based in Anchorage.

Laurel will oversee planning of meetings and cooperative agreement administration and reporting.

Erika will provide local assistance for meetings and will work with project proponents on planning documents and projects. She will be responsible for a subset of the projects on implementation and will review all proposals.

Eric Rothwell will work with communities on specific project implementation. Eric will serve as the POC for day-to-day operations during implementation.

Jeanne Hanson will be the POC for permitting needs for the project. She will advise the review committees of anticipated permitting needs for each of the submitted projects along with an analysis of time and cost for acquiring these permits. Once projects have been selected she will be the POC for the community groups and aid in leading them through the permitting process by identifying permitting needs, creating a timeline for when to apply and expect permits, and aid in project planning to comply with common permitting requests.

Matt Eagleton and John Olson will be active in identifying needs for restoration and appropriate implementation of projects. With their local knowledge of harbor activities they will serve as experts in identifying the greatest needs for improvements to water quality, prevention work and harbor

improvements. Their local knowledge will also be used to identify local participants for working groups.

Chris has spent over a decade working with small boat harbor projects throughout Alaska including work in Valdez, Whittier, Seward, Homer, Seldovia, Port Graham and Kodiak. As a biologist with the Corps of Engineers Civil Works program, Chris has worked extensively on harbor planning, NEPA, baseline surveys, effects analysis, mitigation, and monitoring for several small boat harbor projects. Chris has focused much of his effort on petroleum and heavy metals contamination as well as potential effects of biological oxygen demand due to nutrient loading in the nearshore environment. He has used both passive (SPMDs) and biological (blue mussels, fish) techniques to assess petroleum exposure in the marine environment and is familiar with the literature on potential biological and ecological effects of contaminants on invertebrates, fish, marine birds, and marine mammals.

Jen Steger and K. Koski will be reviewers of proposals submitted and add assistance in their areas of expertise to applicants.

The technical panel will be people who have expertise in the area and are familiar with this type of involvement and restoration. A grants officer will be identified at a later date. That person will be located in Silver Spring MD and will help to move the grant award from EVOS to NOAA and then to the communities.

Permitting - The use of the NOAA Restoration Programmatic Environmental Assessment (EA) will be of benefit to the program. It is anticipated that all of the projects to be funded under this opportunity will fall under the RC's programmatic EA. This means that community groups will be spared the NEPA requirements, which so often are costly and time consuming. With the programmatic EA, the foundational work has already been done and means that more money and time can be spent on the actual project work. It is expected that NEPA and EFH consultations will be the only permits required for most projects although it will depend on what is proposed. Coordination with SHIPO, EPA, DEC, ADF&G will also occur to ensure compliance. Meeting compliance requirements will ultimately be the responsibility of the applicant but NOAA RC will aid applicants most importantly with the use of their programmatic EA.

Safety Plan:

Each proposal received that contains on-the-ground work will need to include a safety plan. NOAA General Counsel will review this plan. Anticipated requirements for on the ground projects will be adequate levels of HAZWOPER training, boat safety knowledge, and general lifting precautions.

Public Outreach:

In addition to the opportunities to engage and inform the public in the coastal communities, NOAA is committed to reaching out to a broader public audience. We will publish all data, documents, annual and final reports electronically at the following website http://www.habitat.noaa.gov/restoration/index.html, which is available to the public. In addition, a link will be made on the NOAA Clean and Coastal Resource Management team's website.

See our detailed outreach and education plans in the supplemental material.

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Silver Spring, MD 20910

May 2011

EDUCATION PLAN:

NOAA Restoration Center's PWS Harbor Cleanup Project

Background:	Expanding our knowledge of the life cycle, habits, habitats, and inter-relationships of marine life is important to our understanding of the planet. Human interactions, influences, and reliance on these species as well as changing environmental conditions will determine the future health of these marine inhabitants. Toxic spills, oxygen depleted dead zones; marine debris, increasing ocean temperatures, overfishing, and shoreline development are daily threats to the existence of marine life. Part of NOAA's mission is to help protect these organisms and their habitats to ensure a sustainable balance of life
Key Audiences:	Schools (elementary, middle and high) in the coastal communities participating in this proposal.
Key Messages:	Chemicals used to maintain and repair boats, such as solvents, oils, paints, and cleansers, may spill into the water, or make their way into waterbodies via runoff. Spilling fuel (gasoline or oil) at marinas or discharging uncombusted fuels from engines also contribute to nonpoint source pollution. In addition, poorly maintained sanitary waste systems aboard boats or poorly maintained pump-out stations at marinas can significantly increase bacteria and nutrient levels in the water.
Overview: Education Strategy	Enhance student understanding of the cleanup program and its benefits by distributing NOAA educational materials (a published list of websites, booklets, and brochures) and speaking to classrooms (when invited) about the science taking place in the community.

Some of the sites we will use for materials are:

- Monitoring Estuarine Water Quality (http://apps.dataintheclassroom.org/water-quality/)
- Nonpoint Source Pollution (http://oceanservice.noaa.gov/education/tutorial_pollution/welcome.html)
- Strategies for Environmental Literacy (http://www.education.noaa.gov/plan/09_NOAA_Educ_Strategic_Plan_Color.pdf)
- Prince William Soundkeeper Student Environmental Monitoring (http://www.pws.wildapricot.org/Default.aspx?pageId=553882)

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Silver Spring, MD 20910

May 2011

COMMUNICATIONS PLAN:

NOAA Restoration Center's PWS Harbor Cleanup Project

Background: The National Oceanic and Atmospheric Administration (NOAA) Restoration Center (RC) proposes to establish a new funding opportunity for Prince William Sound coastal communities to help them prevent small but damaging toxic releases originating from harbors and marinas. The purpose of this project will be to protect marine resources negatively affected in EVOS from future aggravation and pollution. It will be important to keep interested audiences informed throughout the scoping and implementation periods.

Key Audiences:

- Congressional representatives from coastal communities
- Tribal representatives from coastal communities
- Ports and fishing communities, as well as the general boating public
- Media, especially from coastal communities
- State agencies and other federal agencies
- NGO's
- General public

Key Messages: The PWS Harbor Cleanup project will improve the economic and ecological health of coastal communities by:

- Removing and properly disposing of harmful waste products to prevent them from entering coastal water;
- Educating harbor users on the impacts their negative and positive efforts make;
- Assisting in rebuilding and restocking oil spill response tools and toolkits; and
- Strengthening the costal community's feelings of stewardship for the water and resources in their area.

Overview: Communications Strategy

- Support implementation through practical information for marina users
- Enhance public understanding of the cleanup program and its benefits
- Maintain information flow to interested Congressionals on program implementation
- Support community improvements and establish opportunities for sustainability

UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Silver Spring, MD 20910

More details on communications activities:

Strategy	*Activities*	*Timeframe/ Lead*
Support implementation through practical information for marina users	Hold scoping meetings in coastal communities	2012/ Eric R. and an additional person (alternates will be Erika A, Matt E and John O.) (on site) Laurel J. (logistics and messaging)
	Promote full breadth of community partner activities and coordination	Ongoing/ Erika A.
	Create signage for participating marinas	2012/ Eric R.
Enhance public understanding	Media advisory of program opening	Jan 2012/ Laurel J.
	Promote media coverage at events and for high profile projects	Ongoing/ Eric R.
	Participate in regional and national conferences to showcase accomplishments and network with the restoration community and resource users	Ongoing/ Erika A
	Distribute NOAA education materials to schools in the participating communities	2012/ Eric R.
	Speak at community public meeting opportunities and hold question and answer sessions	2012/ Eric R. (need 2 persons, Alternates will be Erika A., Matt E and John Olson)
Information flow to Congressionals	Support for ongoing congressional communications	2012/NOAA headquarters communications staff
Program Improvements	Post lessons learned information and findings on NOAA and EVOS websites	Ongoing/Jeanne H.

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Budget Category:	Proposed FY 12	Proposed FY 13	Proposed FY 14	Proposed FY 15	Proposed FY 16	TOTAL PROPOSED
Personnel	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
Travel	$22.9	$16.1	$15.9	$15.9	$9.0	$79.8
Contractual	$50.0	$310.0	$262.5	$287.5	$10.0	$920.0
Commodities	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
Equipment	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
SUBTOTAL	$72.9	$326.1	$278.4	$303.4	$19.0	$999.8
General Administration (9% of subtotal)	$6.6	$29.3	$25.1	$27.3	$1.7	$90.0
PROJECT TOTAL	$79.5	$355.5	$303.5	$330.7	$20.7	$1,089.7
Other Resources (Cost Share Funds)	$84.6	$93.7	$93.7	$93.7	$84.6	$450.5

COMMENTS: Summary table is presented in $1000, as requested in the Budget Instructions.

FY12-16

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

SUMMARY

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Budget Category: Amounts in thousands of dollars	Proposed FY 12	Proposed FY 13	Proposed FY 14	Proposed FY 15	Proposed FY 16	TOTAL PROPOSED
Personnel	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
Travel	$22.9	$16.1	$15.9	$15.9	$9.0	$79.8
Contractual	$50.0	$310.0	$262.5	$287.5	$10.0	$920.0
Commodities	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
Equipment	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
SUBTOTAL	$72.9	$326.1	$278.4	$303.4	$19.0	$999.8
General Administration (9% of subtotal)	$6.6	$29.3	$25.1	$27.3	$1.7	$90.0
PROJECT TOTAL	$79.5	$355.5	$303.5	$330.7	$20.7	$1,089.7
Other Resources (Cost Share Funds)	$84.6	$93.7	$93.7	$93.7	$84.6	$450.5

COMMENTS: NOAA is able to provide in-kind contributions in the form of personnel to be used as cost-share for the work in this proposal. The funding contributions are as follows: FYs 12 and 16 $84,630 (per year) and FY 13-15 $93,730 (per year). This brings the total NOAA leverage to $450,450. NOAA is the source of this leverage and the funds will be used to pay for the staff needed to lead this clean harbor proposal. More information about this leverage can be found in the proposal (pages 3 and 11).

Summary table is presented in $1000, as requested in the Budget Instructions.

FY12-16

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4A TRUSTEE AGENCY SUMMARY

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs: for FY12 Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
Flight from Anchorage to Cordova or Valdez (3 people, twice, 2 days)	500.0	6	12	309.0	6,708.0
Flight from Anchorage to Homer, Seward or Soldotna (3 people, twice, 2 days)	500.0	6	12	284.0	6,408.0
Flight from Anchorage to Chenega Bay, Larson Bay or Port Lions (3 people, twice, 2 days)	800.0	6	12	206.0	7,272.0
Drive from Anchorage to Whittier	0.0	2	4	206.0	824.0
Flight from Seattle to Anchorage	840.0	1	3	285.0	1,695.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$22,907.0

FY12

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B PERSONNEL & TRAVEL DETAIL

Contractual Costs: Description	Contract Sum
This cost will be used on rental fees for meeting spaces, meeting materials and other related costs.	50,000.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. Contractual Total	$50,000.0

Commodities Costs: Description	Commodities Sum
Commodities Total	$0.0

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

FY12

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B CONTRACTUAL & COMMODITIES DETAIL

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY12

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B EQUIPMENT DETAIL

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	0.0
				Personnel Total	$0.0

Travel Costs: FOR FY 13 Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
Flight from Anchorage to Cordova or Valdez (2 people, twice, 2 days)	500.0	4	8	309.0	4,472.0
Flight from Anchorage to Homer, Seward or Soldotna (2 people, twice, 2 days)	500.0	4	8	284.0	4,272.0
Flight from Anchorage to Chenega Bay, Larson Bay or Port Lions (2 people, twice, 2 days)	800.0	4	8	206.0	4,848.0
Drive from Anchorage to Whittier	0.0	2	4	206.0	824.0
National Conference Travel	850.0	1	4	210.0	1,690.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$16,106.0

FY13

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B PERSONNEL & TRAVEL DETAIL

Contractual Costs: Description	Contract Sum
Implementation: This money will be divided in the coastal towns according to the prioritization of projects proposed by the community applicants.	310,000.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$310,000.0

Commodities Costs: Description	Commodities Sum

Commodities Total	$0.0

FY13

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B CONTRACTUAL & COMMODITIES DETAIL

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
New Equipment Total			$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY13

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B EQUIPMENT DETAIL

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
	Subtotal	0.0	0.0		
				Personnel Total	$0.0

Travel Costs: for FY 14 Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
Flight from Anchorage to Cordova or Valdez (2 people, twice, 2 days)	500.0	4	8	309.0	4,472.0
Flight from Anchorage to Homer, Seward or Soldotna (2 people, twice, 2	500.0	4	8	284.0	4,272.0
Flight from Anchorage to Chenega Bay, Larson Bay or Port Lions (2	800.0	4	8	206.0	4,848.0
Drive from Anchorage to Whittier	0.0	2	4	206.0	824.0
National Conference Travel	850.0	1	3	210.0	1,480.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$15,896.0

FY14

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B PERSONNEL & TRAVEL DETAIL

Contractual Costs: Description	Contract Sum
Implementation: This money will be divided in the coastal towns according to the prioritization of projects proposed by the community applicants.	262,500.0

If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total** $262,500.0

Commodities Costs: Description	Commodities Sum
Commodities Total	$0.0

FY14

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY14

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
EQUIPMENT DETAIL

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs: for FY 15 Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
Flight from Anchorage to Cordova or Valdez (2 people, twice, 2 days)	500.0	4	8	309.0	4,472.0
Flight from Anchorage to Homer, Seward or Soldotna (2 people, twice, 2 days)	500.0	4	8	284.0	4,272.0
Flight from Anchorage to Chenega Bay, Larson Bay or Port Lions (2 people, twice, 2 days)	800.0	4	8	206.0	4,848.0
Drive from Anchorage to Whittier	0.0	2	4	206.0	824.0
National Conference Travel	850.0	1	3	210.0	1,480.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$15,896.0

FY15

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description	Contract Sum
Implementation: This money will be divided in the coastal towns according to the prioritization of projects proposed by the community applicants.	262,500.0
Assessment cost: This cost will be used for paying for independent consultants, conference attendance (if applicable), publishing of final	25,000.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$287,500.0

Commodities Costs: Description	Commodities Sum
Commodities Total	$0.0

FY15

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY15

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
EQUIPMENT DETAIL

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs: for FY 16 Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
Flight from Cordova or Valdez to Anchorage (2 persons, 1 time, 2 days)	500.0	2	4	309.0	2,236.0
Flight from Homer, Seward or Soldotna to Anchorage (2 persons, 1 time, 2 days)	500.0	2	4	284.0	2,136.0
Flight from Chenega Bay, Larson Bay or Port Lions to Anchorage (2 persons, 1 time, 2 days)	800.0	2	4	206.0	2,424.0
Drive from Whittier to Anchorage	50.0	1	2	206.0	462.0
Flight from Seattle to Anchorage	840.0	1	3	285.0	1,695.0
					0.0

					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$8,953.0

FY16

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
PERSONNEL & TRAVEL DETAIL

Contractual Costs: Description	Contract Sum
This money will be used for contingency planning.	10,000.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$10,000.0

Commodities Costs: Description	Commodities Sum
Commodities Total	$0.0

FY16

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY16

Program Title: NOAA RC's PWS Harbor Cleanup Project
Team Leader: Jennings
Agency: NOAA

FORM 4B
EQUIPMENT DETAIL

MCA FOUNDATION

2 Marine Way, Suite 227
Juneau, AK 99801
(907) 523-0731 Office (206) 260-3639 Fax

www.mcafoundation.org

September 15, 2011

Elise Hsieh
Executive Director
Exxon Valdez Oil Spill Trustee Council
441 W. 5th Avenue, Suite 500
Anchorage, AK
99501-2340

Dear Ms. Hsieh,

The Marine Conservation Alliance (MCA), an organization of Bering Sea and North Pacific fishermen, processors and communities, established the Foundation in 2003. One of its primary roles was to become active in the awareness and removal of marine debris. MCA members were already well aware, and in fact experienced the hazards of marine debris during the course of their operations. Our initial programs concentrated on the Bering Sea areas where the majority of our members fish. We were very concerned about the harmful effects marine debris has on populations of marine mammals and seabirds. Beginning in 2006, we expanded to a statewide presence and we have strived to become a clearinghouse of information on marine debris in Alaska including education, which we believe is the only long-term solution.

Through support from the National Oceanic and Atmospheric Administration (NOAA), the Alaska Department of Natural Resources (ADNR) and others we have conducted approximately 80 projects and successfully cleaned over two million pounds of debris.

As many have heard, we have recently received a grant of $988,000 from the Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE). MCAF will select areas for cleaning that meet our criteria of large amounts of debris that pose threats to fish and wildlife populations. To the extent that we can, we will continue to maintain a statewide presence.

The Marine Conservation Alliance Foundation annually solicits cleanup proposals. Gulf of Alaska Keeper (GoAK) has been a successful applicant since 2006. While we hope to continue to work with GoAK, the level of our grants is around $50,000 so while the funding would supplement their cleanup program, it would not replace the large scale program supported by EVOS. We've been impressed by the quantity of debris that they have collected, their in-kind assistance, and the quality of their work. The Prince William Sound-Kenai Peninsula area has unusually high concentration of marine debris. Even with money from EVOS only a portion of the marine debris in the area will be cleaned. It is a difficult area to work in due to the remoteness and inclement weather. However, it is an important one as it has large populations of marine mammals and seabirds. We certainly hope that GoAK continues to propose marine debris

cleanups and given their past work, we are certainly inclined to continue to fund them over the two year life of the BOEMRE grant.

I hope that this answers any questions.

Sincerely,

Diane Scoboria
Program Manager
Marine Conservation Alliance Foundation

Addendum: Public Outreach Proposals

At the request of the EVOSTC, GoAK amended this marine debris proposal by including additional projects to strengthen the public outreach component. GoAK solicited project proposals from five separate organizations with past experience in marine debris work and community outreach. The Center for Alaskan Coastal Studies, the Chugach National Forest and Alaska Geographic jointly submitted Proposal 1. The Marine Conservation Alliance Foundation submitted Proposals 2 and 3. The Alaska Sea Life Center submitted Proposal 4. Each of the proposed outreach projects are stand-alone programs. As such, the Council can select any combination of the projects to satisfy the public outreach objective. All projects selected by the Council will coordinate in such than components of each project do not overlap. Projects will also use the same educational data, such as miles cleaned, the amount of marine debris removed per mile up in the cleanup area, the types and quantities of marine debris, habitat and animals impacted, etc., in their individual projects so that a consistent message is delivered.

GoAK strongly supports all of the public outreach proposals. Each proposed outreach project has its own merits and reaches different segments of the public. Each public outreach project will be administered and conducted by its proposer and sub-contracted through GoAK. GoAK will collect annual reports from each sub-contractor and submit them with GoAK's annual report to the Council.

Proposal 1

Contractors: The Center for Alaskan Coastal Studies, Chugach Forest Service and Alaska Geographic.

Youth Action on Marine Debris: from the field to the classroom

PHASE I: Classroom & Community Outreach

The Center for Alaskan Coastal Studies annually conducts the Kachemak Bay *CoastWalk* program, a successful community-based marine debris clean-up and prevention program begun by local volunteers in 1984. We continue to develop and improve this program as a means for providing a model community-based marine debris clean-up and prevention program for other Alaskan communities. The goals of *CoastWalk* are to:

1) increase and sustain annual volunteer and student clean-ups of local beaches and streams in Alaskan communities
2) raise awareness among Alaskans and those who use Alaskan waters about the magnitude and global nature of the marine debris issue and the importance of habitat restoration

3) gather data and detect long term trends in biodiversity and marine debris accumulation
4) target outreach and education efforts to address the prevention of marine debris clean-up efforts, and types and sources of marine debris.

A major component of our marine debris program is community outreach and classroom presentations and involvement. Over the past 10 years volunteer effort has expanded to include student involvement in clean-up efforts by multiple grade levels reflecting Kindergarten through College level students. For the past 5 years, the Center for Alaskan Coastal Studies has been able to expand the successful *CoastWalk* model to communities throughout coastal Alaska through pass through Challenge Grants funded by the NOAA Community Based Marine Debris Program. Our Challenge Grants have supported schools, community organizations, and tribes from all over the state, including organizations and schools in Kenai, Soldotna, Haines, Seward, Kodiak, Seldovia, the Anchorage-based Gulf of Alaska Keeper, Juneau, Sand Point and Cordova who identified high priority areas for cleanups, conducted cleanup and prevention activities, and standardized their reporting.

As a way to enhance the outreach and education of the GoAk marine debris removal project we propose to provide in-class resources and outreach in partnership with the Chugach National Forest *Youth Expeditions in Prince William Sound* Project (*see Phase II description*). In-class resources and outreach include the following:

1. **Enhancement of the CACS *CoastWatch* curriculum**, available for free as a PDF download on the CACS website (http://www.akcoastalstudies.org/education-resources/59-downloadable-educator-resources.html) by incorporating background information on current marine debris research and trends, and including more Alaska specific marine debris and coastal monitoring activities.
2. Development of an **educational tool kit** to be used by educators in Alaskan coastal communities to teach about marine debris issues and lead monitoring and clean-up activities. Tool kit dissemination would include conducting key workshops with education staff from partner organizations and would also include on-site trainings by CACS educational staff as needed.
3. Participation in the yearly ***Youth Expeditions in Prince William Sound*** run by the Chugach National Forest and Alaska Geographic to assist with the coastal monitoring component of the expedition which will be modeled after the CACS *CoastWalk* program for a few select beaches in Prince William Sound. Monitoring efforts will include a human impact survey, biodiversity checklist, marine mammal and bird observations.
4. Usage of debris items collected during the expedition program and by GoAK clean-up crews in **classroom presentations** and in the educational tool kit to

help increase awareness of the global nature of the marine debris issue and help students understand the relationship of ocean currents and the global marine debris issue.

5. Creation of a student/community art display reflecting the range of plastics that are found in the clean-up efforts. Classroom outreach in the first and second year will include the sorting of collected plastics to be used in the creation of a large walk-through plastic gyre display (see attached photo of a gyre prototype created by the *Washed Ashore* Project). This gyre display will be an artistic rendition of the great north pacific "garbage patch" and will include strands from each beach clean-up throughout the oil spill impacted areas. In this way, groups could compare debris from different cleanups and consider the differences and similarities of the debris and the reasons the GoAK debris was similar or different from what they collected. Each strand would be labeled with the location and the group that created it. When finished, the gyre will reflect debris found on different coast and highlight all the groups involved in its creation. The plastic gyre will be portable and will be accompanied by a display about its creation, information on GoAK cleanups, and facts about the global issues of marine debris. Students who participate in the youth expeditions will serve as ambassadors of this message during their in-class presentations using multi-media tools produced during their expedition. Creation of the student/community gyre art project will reinforce the message of turning the plastic pollution problem into a series of solutions, starting with the personal use of plastic in our lives and expanding to the global nature of plastics in motion. Creating an art project out of the collection of washed up plastic and trash is an attempt to bring awareness to people about how much non-biodegradable waste is floating around in our oceans.

Methods

This program will begin with collaborative planning for a three year implementation beginning in 2012 and continuing through 2014. Beginning in the winter and spring of 2012 efforts will focus on reviewing the CACS *CoastWatch* curriculum, researching existing marine debris curricula and "Alaskan-izing" appropriate lessons and activities for integration into an expanded *CoastWatch* curriculum, development of pilot activities for the summer field course and fall in-class presentations, and participation in the Youth Expedition. During the fall of 2012 educators will make classroom visits to schools in the Kenai Peninsula School District, the Anchorage School District, the Chugach School District, Cordova School District, Valdez School District, and home school programs to pilot marine debris lessons and begin sorting plastics and marine debris collected by GoAK and the Youth Expedition. During winter and spring of 2013 collaboration with representative from the *Washed Ashore Project* will begin, the gyre project will be designed and the educational tool kit will be completed. Participation in

summer Youth Expeditions will continue in the summers of 2013 and 2014. In the fall of 2013 school and community workshops will be held to continue the sorting of marine debris collected by the GoAK efforts and begin the building of the walk-through gyre. Teacher/educator training workshops for using the *CoastWatch* curriculum and tool kit will be conducted. During the winter and spring of 2014 the walk-through gyre will be completed and interpretive material will be developed in collaboration with partners and student ambassadors. During the remainder of 2014 and into 2015 the walk-through gyre will travel to schools and/or participating visitor centers and classroom outreach incorporating final GoAK efforts and outcomes will be conducted.

Management Team

Phase I of the project will primarily be run by the Center for Alaskan Coastal Studies in close partnership with the Chugach National Forest and their partners as identified in Phase II and the *Washed Ashore* Project team. Programs leaders from each organization include:

Center for Alaskan Coastal Studies

Elizabeth Trowbridge, Program Director, oversight of education and outreach components of program, development of curriculum materials and tool kit, coordination of contractual artist workshops, collaboration with partners.

Patrick Chandler, Special Program Coordinator/Educator, lead instructor for classroom outreach and community presentations, assistance with curriculum development and tool kit, CoastWalk coordinator.

Melanie Dufour, Outreach Coordinator, media outreach, classroom coordination, community involvement specialist

Chugach Children's Forest:

Aaron Poe, US Forest Service, Partnership Coordinator (and past wildlife biologist and lead in the Prince William Sound Framework), content development, coordination with guest presenters, and facilitation of involvement of USFS staff and resources.

Kate Alexander, Alaska Geographic, content development, program evaluation, instruction and coordination with guest presenters

Artula Institute for the Arts and Environmental Education

Angela Haseltine Pozzi, Executive Director Washed Ashore Project, contractor for walk-through gyre student and community art project/display.

Additional Partners:

Local school districts assisting with student recruitment and integration of this program into larger classroom curriculum—Chugach School District, Anchorage School District, Cordova School District, Valdez School District, Kenai Peninsula Borough School District and home school programs.

Local subject matter experts, including residents and scientists involved in marine debris clean-up and monitoring, wildlife and fisheries research and monitoring, commercial fishing industry, subsistence and local ecological knowledge.

Institutional Capability

CACS is a community-based 501-c-3 non-profit organization based in Homer, Alaska, whose mission is to foster responsible interactions with natural surroundings through science-based environmental education and stewardship programs. The organization has provided award-winning environmental education programs since 1982, serving more than 11,000 people in 2010. In addition to a Homer Headquarters facility, CACS owns and manages two other educational facilities: (1) the Peterson Bay Field Station, a residential facility and four shoreline acres on the south side of Kachemak Bay as a base for guided school field trips and natural history tours on rocky intertidal and salt marsh habitats that are among the most diverse and productive in the Kachemak Bay State Critical Habitat Area and KBRR; and (2) the Carl E. Wynn Nature Center, 140 acres of boreal forest habitats, a trail system, and two cabins on the bluff above Homer that hosts over 4,000 visitors for daily guided and self-guided hikes on trails for all ages and weekly educational programs for specific age groups. CACS has provided regional leadership in community-based coastal monitoring and responsible ecotourism since 1984.

CACS has an excellent record of accomplishment and great potential for preventing the accumulation of marine debris. CACS' marine debris program has had four components: 1) the Kachemak Bay CoastWalk; 2) Challenge Grants to organizations that sponsor cleanups or outreach (offered for the past 5 years but not funded for 2012, future funding is pending); 3) Outreach and education aimed at prevention of marine debris accumulation; and 4) Leadership in the field of Alaska marine debris removal and prevention.

CACS has sponsored Kachemak Bay CoastWalks since 1984. Citizen volunteers adopt a section of the Kachemak Bay shoreline and walk it annually, surveying changes, collecting data on marine life and human impacts, and cleaning up beach litter and marine debris.

CACS programs have long been a destination for hands-on environmental science field trips which feature gaining observation and data collection skills as educational outcomes. We have expanded the role of environmental monitoring in our educational

programs as a key strategy for meeting our organizational mission and goals and to align our programs with state and national education standards designed to improve the quality of science, math, and technology education. Our programs are designed to model the inquiry process by providing training in the use of scientifically-valid data collection protocols and the development of databases that can share data with researchers and other users.

The model Kachemak Bay program has the following elements:

1. Organization and support of an annual community event focused on coastal monitoring, beach cleanups, and K-12 and community education about the importance of coastal habitats and resources in relation to human impacts;
2. User-friendly checklists and data collection protocols that include the International Coastal Cleanup methods for documenting the type and amount of marine debris observed and/or removed;
3. Database documenting volunteer hours, type of debris encountered, and total amount and type of debris removed from specific areas;
4. Shoreline segments geo-referenced and database integrated into a GIS; and
5. Long-term partnerships and volunteer monitors.

Outreach presentations on marine debris clean-ups and prevention have been conducted in classrooms throughout the Kenai Peninsula. Expanding our educational outreach approach to include current topics in marine debris prevention and incorporating role models and real clean-up events into our presentations has been very effective. In 2009 we incorporated the results of a GoAK Gore Point Clean up as well as highlighted individuals in the community working to prevent the use of plastics. Items collected by CACS during this clean-up are our most effective teaching tool in our classroom presentations.

Adding a marine debris art contest and a buoy art contest using buoys collected by GoAK on the outer coast of Prince William Sound added enthusiasm to the collection of marine debris and resulted in greater participation by school groups and community members in the 2009 & 2010 *CoastWalks*. Adding a community art event helps highlight the stewardship message and created community ownership in the marine debris prevention message and clean-up efforts.

The Artula Institute for Arts and Environmental Education sponsors the Washed Ashore Project, a traveling exhibit based out of Oregon. Called "Washed Ashore," the exhibit's goal is to raise awareness of our ocean's growing pollution from plastic. Sculptures include a giant jellyfish made entirely of found water bottles, a 15-foot humpback whale backbone and rib-cage, a coral reef made from Styrofoam, an oil spill replica, and a

walk-through plastic gyre - an enormous mobile which mimics the five worldwide gyres where plastic collects in the world's oceans.

Classroom and Community Outreach Annual Budget for Phase I

Funding is requested to assist with staff costs for curriculum enhancement, education tool kit development and classroom/community outreach programs for a total of $25,500 per year. Other substantial requested support includes contract consultation and instructor travel support for the gyre project workshops totaling $10,000. And an additional $3,000 is requested for printing of the enhanced *CoastWatch* Curriculum and development of 3 Marine Debris Education Tools Kits to be housed in Prince William Sound, the Kenai Peninsula and a third location to be determined at a later date (possibly Kodiak or Anchorage). Travel for education staff to participate in the Youth Expeditions each summer will total $2,500. The Center for Alaskan Coastal Studies will provide annual matching funds in the amount of $6,820 per year for in-kind staff salaries plus $ 2,990 for office support (supplies, internet, phone, educational materials, etc.) for outreach and education efforts. Approximately 400 volunteers will conduct CoastWalks to document and remove marine debris in oil spill impacted areas and contribute to the collection of plastic debris for the walk-through Gyre project. We estimate that these volunteers will contribute 1,000 hours at a value of approximately $19/hr. The total for this will be $19,000 per year. CACS will also provide $500 towards travel and $1,000 for the Marine Debris Tool Kit. Assuming a three year project life our total funds request for Phase I is $ 92,000 with a total match from the Center for Alaskan Coastal Studies of at least $87.930.

Expense	EVOS Request	Center for Alaskan Coastal Studies In-Kind Contribution	Extended EVOS Cost for 3 year Project	Extended CACS In-Kind Contribution
CACS Staff Support	25,500/yr	6,820/yr	76,500	20,460
Supplies	0	2,990/yr	0	8,970
Contractual	10,000	0	10,000	0
Travel	2,500	500	2,500	500
Equipment (Tool Kit)	3,000	1,000	3,000	1,000
Volunteer Labor	0	19,000/yr	0	57,000
Total Expense			92,000	87,930

PHASE II: Youth Expeditions in Prince William Sound with the Chugach Children's Forest

Since 2008, The Chugach National Forest and Alaska Geographic have worked together to develop innovative outdoor education programs through the Chugach Children's Forest (www.chugachchildrensforest.org). This award-winning collaboration includes nonprofits, agencies, schools, and privates businesses and has specialized in creating opportunities for young people to not just learn about important environmental issues but also tackle them head-on. From inception, a cornerstone of the Chugach Children's Forest (CCF) has been youth science expeditions and since 2009 we have fielded three boat-based expeditions taking young people (ages 13-18) from around Southcentral Alaska into Prince William Sound. Expedition content has focused on issues affecting the interface between terrestrial and marine systems as delivered by professional educators, scientists, resource managers and citizen advisory groups. In all cases having the youth engage in outreach by telling their stories through individual and collaborative media projects as well as community presentations following the trip has been a key component.

We propose to leverage the strengths of our existing PWS youth science expedition program and combine it with a service-learning project aimed at promoting understanding of the problem of marine debris in coastal Alaska. Youth in this program would participate in debris clean-up efforts alongside of GoAK and monitor sites that have been previously cleaned using established protocols. They will also develop media products that generate awareness about the problem of marine debris and commit to being a student-ambassador for the larger GoAK project in their schools and communities by supporting those classroom presentations organized in Phase I. Media projects developed by these student ambassadors will be specifically integrated into the Gyre project and will serve as stand-alone products for dissemination through social media and other outlets as well as support classroom and community presentations.

Goals and Objectives

The goals and objectives of this youth expedition series have a direct link to the mission of the GoAK in this proposal as well as the EVOS Trustees more broadly including:

- Increase public awareness of conservation and stewardship in Prince William Sound, including understanding, preventing, and mitigating human-caused environmental impacts in Southcoastal Alaska;
- Recruit youth participants from a broad base of representative communities and interests in the Southcentral Alaska who are willing ambassadors for the project that can share stories from their personal experiences with marine debris abatement and monitoring with a wider audience;
- Promote civic participation in environmental protection, stewardship and resource management throughout Southcentral Alaska.
- Foster strong understanding about ecological and socioeconomic systems within Prince William Sound and Southcoastal Alaska and how stressors like marine debris interact with those systems;

- Foster partnerships among strategic entities in Prince William Sound, including school districts, federal and local government, conservation and education organizations, local industry, and local citizens;

This project addresses the above goals and objectives by implementing a week-long intensive course for teens with immersion in the places and issues of Prince William Sound. Educational objectives will be achieved through hands-on activities, site visits, and integration of guest presenters with expertise in critical conservation and citizen involvement. Annually, we will generate 4-6 individual high quality stories in multiple media formats that can be broadly disseminated through the cooperators' networks of statewide partners. Additionally, participants will commit to at least one classroom presentation meaning more than 30 individual presentations made by youth-to-youth in Southcentral communities, to help foster a dialogue around the issue through life of the GoAK project.

Methods

This program will begin with collaborative planning for a three year implementation beginning in 2012 and continuing through 2014. Building on three successful years of similar programs, the schedule, content and guest presenters will be finalized by spring 2012. Student recruitment will focus on existing relationships with school districts and teachers in communities of Cordova, Valdez, Tatitlek, Chenega Bay, Whittier, Anchorage, Kenai, Soldotna, Homer and outlying villages in Kachemak Bay. Beginning in the spring and summer of 2012 efforts will focus on preparing students, including background on the cultural and environmental history of Prince William Sound. The field course will run for 8 days in June, July or August, with subsequent follow up with students and compilation and distribution of media products and educational presentations during the school year. The route and specific program stops will be coordinated annually to provide support to GoAK's cleanup and monitoring efforts in the Sound. Lectures and activities associated with marine debris will be complimented by related expert content on the human and natural systems of the region.

Management Team

Phase II of the project will primarily be run by Alaska Geographic and the US Forest Service, in collaboration with the Center for Alaskan Coastal Studies (particularly with the integration of Phase I) and several local PWS community organizations. Programs leaders from each organization include:

Chugach Children's Forest:

Aaron Poe, US Forest Service, Partnership Coordinator (and past wildlife biologist and lead in the Prince William Sound Framework), content development, coordination with guest presenters, and facilitation of involvement of USFS staff and resources.

Ann Mayo Kiely, Alaska Geographic, Program Director, oversight of program, including integration of broader program goals, collaboration with strategic partners, and program funding.

Sarah Warnock, Alaska Geographic, Education Program Manager, coordination of student recruitment and logistical planning
Kate Alexander, Alaska Geographic, content development, program evaluation, instruction and coordination with guest presenters

Center for Alaskan Coastal Studies

Patrick Chandler, Special Program Coordinator/Educator, instructor for coastal monitoring efforts, oversight of integration of expedition content into curriculum materials, tool kit and gyre project

Additional Partners:
PWSRCAC, assistance with program support and content as well as guest speakers
Local school districts assisting with student recruitment and integration of this program into larger classroom curriculum—Chugach School District, Anchorage School District, Cordova School District, Valdez School District, Kenai Peninsula Borough School District and home school programs.
Local subject matter experts, including residents and scientists involved in marine debris clean-up and monitoring, wildlife and fisheries research and monitoring, commercial fishing industry, subsistence and local ecological knowledge.
REI, donations of outdoor gear to support the program

Institutional Capability

The Chugach Children's Forest draws upon the strengths of two institutions with a legacy in environmental outreach and education. Alaska Geographic is the official, educational, non-profit partner to all of Alaska's forests, parks and refuges. With a professional staff specializing in informal education, media development and communications, and book publishing, Alaska Geographic successfully fills two distinct needs and straddles two educational worlds: one as a media publisher and the other as a provider of experiential education programs in Alaska's public lands. In addition to the expertise of the staff in the education, youth mentorship and communications, Alaska Geographic is backed by an involved Board of Directors which wholly supports educational programs in partnership with public lands, and in particular, programs that reach the youth of Alaska.

The Chugach National Forest aims to engage Alaskans in experiential education, resource stewardship and citizen science to foster participation and leadership in coastal forest conservation, as well as improve civic understanding of environmental issues affecting the critical interface between terrestrial and marine environments. Prince William Sound is an area that exemplifies this marine interface. The Forest Service manages the majority of uplands in the Sound, and acts as one of the Federal Trustees leading Exxon Valdez Oil Spill recovery efforts. We have made significant

efforts in stewardship of the region's resources including marine debris abatement. Recently, also working with Alaska Geographic, we have made substantial investments in resource stewardship communication and outreach specifically engaging coastal community stakeholders through our Sound Stories project (draft site available at: www.explorethesound.org). This project offers a dynamic, interactive, multimedia platform from which stories from program participants can be disseminated to a wide audience. The Chugach boasts staff with a wide array of talent from education, public outreach and interpretative specialists, to a variety of scientists and skilled logistics experts which ensure successful and safe program implementation.

Youth Expedition Annual Budget for Phase II

Funding is requested to assist with the cost of a charter boat to run the program which would be split equally by Chugach Children's Forest (CCF) for an 8-day trip. This cost includes participant and instructor quarters, food and skiff support for participants. Other substantial requested support includes staff time to support program integration, contract instructor support for guest presenters (e.g, media specialists) and travel support for participants for a total of $15,800 annually. The CCF would provide the bulk of staff time for program planning, student recruitment and implementation, as well as logistical support. We would draw on our own staff as well as a number of our regional partners to provide in-kind support for guest speakers/instructors and student recruitment. Our annual institutional commitment would total $28,500 for Phase II of this project (see Table 1 for details). Assuming a three year project life our total **funds request for Phase II is $47,400** with a total match from the CCF of at least $85,695.

Table 1. Annual Estimated Cost Breakdown for Phase II

Expense	EVOS Request	Chugach Children' Forest contributed
CCF Staff Support	$4,000 /yr	$8,000/yr
Travel--Boat Charter, including food	$8,800/yr	$8,800/yr
Participant transportation	$1,500/yr	$1,500/yr
Contract Instructors	$1,500/yr	$1,500/yr
Guest presenters/instructors		$2,000/yr
Small boat, facility and van support		$2,000/yr
Field gear		$2,000/yr
Grant Management (%17.5) CESU Standard		$2,765 /yr
Annual Total	$15,800/yr	$28,565/yr
Contributed %	36%	64%
	GRAND TOTAL	**$44,365/yr**

Proposal 2

EVOSTC Marine Debris Cleanup Documentation Film

Contractor: Marine Conservation Alliance Foundation
Organization Contact: Merrick Burden
Grant Contact: Diane Scoboria, (907) 523-0731, dianemca@ak.net
2 Marine Way, Suite 227
Juneau, AK 99801

Purpose: Partner with 360 North to produce and broadcast a documentary film and associated Public Service Announcements on the Gulf of Alaska Keeper cleanup. Airing statewide, this film will raise awareness of the effects marine debris has on our shores, what is being done to clean it up and how to prevent its reoccurrence.

Audience: General public of the state of Alaska. This film will play regularly on 360 North, a station which reaches one-third of Alaskans, almost a **quarter of a million people**. The proposal includes $5,808 of in-kind dollars for 12 scheduled broadcast plus 50 Public Service Announcements (half of which are in kind).

Total Cost: $28,059 *(Includes 10% Administration fee)*

In Kind: $5,808

Description:
The Marine Conservation Alliance Foundation (MCAF) proposes to produce a short (3 to 5 minute) documentary film in conjunction with Gulf of Alaska Keeper (GoAK) and Exxon Valdez Oil Spill Trustees about ongoing marine debris cleanup work in Prince William Sound. Statewide broadcasting of this film will provide Alaskans with a greater understanding of the marine debris threat.

The film will focus on the types and density of marine debris collected, its effect on fish, wildlife, transportation, recreation, water quality, with particular emphasis placed on preventable debris. The film will include footage of crews cleaning beaches, stills of debris items, interviews with the GoAK director, beach crew leader and crew members, an EVOS Trustee, and the Executive Director of MCAF. Several clean-up locations will be included through the use of still photos, with additional film footage of one featured site. Costs include travel and stipend for a film crew at the clean-up site, planning, editing and production of final footage as well as in-state coverage.

The film will be shown on Alaska's 360 North channel twelve times as featured programming as well additional unscheduled broadcasts. The short (30 second) Public Service Announcements will air 50 times. This film and associated Public Service Announcements will showcase the work of Gulf of Alaska Keeper and the Exxon Valdez Oil Spill Trustee Council as a shining example of stewardship of our precious shores.

Proposal 3

EVOSTC Outreach Marine Debris Prevention Tide Book Project

Contractor: Marine Conservation Alliance Foundation
Organization Contact: Merrick Burden
Grant Contact: Diane Scoboria, (907) 523-0731, dianemca@ak.net
2 Marine Way, Suite 227
Juneau, AK 99801

Purpose: Change the behavior of sport and commercial fishermen and recreational boaters through a one page educational insert in all Tide Books for South Central Alaska (circulation 292,000/year). To focus additional attention on the problem in Prince William Sound, 20,000 Tide Books with customized marine debris messages on the front and back covers will be printed and distributed 2013-2014.

Audience: Nearly 300,000 sport and commercial fishermen and recreational boaters in South Central Alaska including Anchorage, Valdez, Cordova, Kodiak, Kenai River, Deep Creek, Seward, and Seldovia.

Total Cost: $23,936
$6,600 Single page insert in all South Central Tide Books 2013-2014
$15,312 Custom Edition Tide Book Covers 20,000 copies (10,000/year)
$1,584 Design
$440 Shipping
All costs include a 10% Administration Fee

In Kind: $116

Partners: Marine Conservation Alliance Foundation, Gulf of Alaska Keeper, Alaska Tide Book Company.

Description:
Much of the marine debris collected from Alaska shores is foreign debris carried here by currents, but an alarming trend has been noted in Prince William Sound of increased boating related debris. A public awareness campaign specifically targeting sport and commercial fishermen and recreational boaters is needed to stem the tide of this problem.

The Marine Conservation Alliance Foundation (MCAF) proposes a single page insert in all South Central Alaska Tide Books in 2013-2014 (circulation 292,000/year), ten thousand books a year will receive custom edition inside and outside front and back covers to be distributed in the Prince William Sound communities. It will memorialize the marine debris cleanup work in Prince William Sound by Gulf of Alaska Keeper as funded by the Exxon Valdez Oil Spill Trustee Council. The theme is that 'we are all part of the problem and to prevent a recurrence, we must all do our part!'

The following is a *possible* page insert:

Marine Debris in Alaska

Marine debris is prevalent all over the Alaskan coast. There are many sources; shipping, commercial fishing, sport fishing, recreational boating, and land based activities. Marine debris is not only an eyesore, but is a hazard to navigation, has adverse economic impacts on shipping and fishing, kills wildlife and poses a threat to human health. Many groups have worked to remove marine debris from the beaches of Alaska and in particular, Prince William Sound. The Exxon Valdez Oil Spill Trustee Council recently spent over $1,000,000 supporting marine debris cleanup projects.

Follow these simple guidelines to help us keep our shores free of debris:

- Think about the materials and packaging you take on your boat or to the beach.
- Choose reusable items and use fewer disposable ones.
- Avoid using plastic shopping bags.
- Dispose of unneeded packaging before leaving the harbor or getting on the beach.
- Pack out what you take in.
- Save and haul out all monofilament fishing line, including what is clipped off.
- Pick up any debris you find and dispose of properly.
- Loose the loop: cut packing bands so they won't entangle marine mammals.
- Properly stow or lash down all gear to prevent loss overboard.
- Incorporate these principles into your daily life.

Exxon Valdez Oil Spill Trustees Council (evostc.state.ak.us)
Gulf of Alaska Keeper (GoAK.org)
Marine Conservation Alliance Foundation (MCAFoundation.org

Proposal 4

Project Title: Marine Debris Exhibit at the Alaska SeaLife Center

Applicant Name: Seward Association for the Advancement of Marine Science, dba Alaska SeaLife Center
Project Duration: 3 years
Funding Request: $152,341
Principal Investigator: Howard Ferren, Director of Conservation
Phone: 907-224-6396
Fax: 907-224-6360
Email: howardf@alaskasealife.org

Marine Debris Exhibit Proposal

Background

The Alaska SeaLife Center (ASLC) mission is to generate and share scientific knowledge to promote understanding and stewardship of Alaska's marine ecosystems. Founded by concerned citizens in the *Exxon Valdez* Oil Spill (EVOS) impacted area and substantially funded through the *Exxon Valdez* Oil Spill Trustee Council, ASLC (www.alaskasealife.org) focused initial research and outreach activities toward oil impacted resources. Now, ASLC research programs stretch from coastal and marine regions of Alaska to eastern Russia while continuing to engage in EVOS TC supported investigations. In addition, ASLC education programs reach a broad range of age groups and cultures through nocturnes, Elderhostel classes, school programs and distance delivery. In 2010 ASLC hosted almost 130,000 visitors, 1,533 nocturnes and 1,035 day program attendees. Education classes at the ASLC delivered long-distance through mobile video conferencing technologies allow broadcasts from any location in the facility to classrooms throughout the world to provide students televised experiences from laboratory settings or exhibits. In 2010 the ASLC provided distance learning to 8,274 students and teachers in the US, Canada and other regions of the world.

The Alaska marine ecosystem is under threat from various forces such as climate change, ice loss in the Arctic and coastal erosion. Other factors also take a toll on marine species, and impact our coastal environments and economies dependant on healthy marine ecosystems. One factor impacting marine ecosystems is debris: man-made waste and discarded materials or items lost at sea. Marine debris remains in the EVOS impacted region, and new debris continues to arrive on beaches impacted by the 1989 spill, continuing to damage the environment that has yet to fully recover. As defined by the Trustee Council, "marine debris is any persistent solid material that is

manufactured or processed and directly or indirectly, intentionally or unintentionally, disposed of or abandoned into the marine environment located within the area of focus."

Many organizations are taking action to address this problem globally, and in the oil-impacted region organizations and community volunteers are engaged in annual marine debris clean-up activities. Engaging citizens in beach clean-up projects provides a "hands-on" learning experience that can result in changed behaviors about how we treat and dispose of waste, behaviors that may have contributed to much of the debris present. However, the participants in clean-up activities are typically few in any single area. The ASLC can offer a significant education and outreach opportunity about marine debris to help inform even a larger audience in the spill impacted area about EVOS TC funded marine debris clean-up activities and the importance of reducing marine debris.

Project Description

ASLC proposes to work in collaboration with organizations funded by the EVOS TC to clean up marine debris in the spill impacted region. Our role will be to provide essential outreach and education enhancing the efforts of organizations that clean up debris. We propose to design and install a marine debris exhibit at the ASLC facility in Seward, Alaska and to create a complementary K-9 curriculum about the subject. We anticipate the exhibit will reach almost 150,000 ASLC visitors annually, while additional exposure will reach students of all ages on-site and through distance education programs. We recognize the very important audiences in coastal Alaska community schools in the spill region where students, teachers and parents can be introduced to the current understanding about marine debris, its impacts, how to prevent debris from entering marine waters, and how to clean up debris when it is found.

We propose to design, fabricate and install a marine debris exhibit at the ASLC. The exhibit will consist of several integrated components, including marine debris collected on beaches within the spill impacted region. Debris will surround a flat screen display and kiosk centerpiece that will be interactive, provide visual content about marine debris, examples of marine debris and describe clean-up activities that support restoration within the spill region. The exhibit will be used for instructional purposes and become part of our Distance Education Program by using the exhibit and its content as backdrop and props, complete with curriculum, for our mobile broadcast system and staff to conduct distance education to spill region communities and beyond.

Goal

Our goal is to inform the public about the scope of the marine debris problem, identify organizations and efforts working hard to clean up our beaches within the region

impacted by the 1989 spill, and to influence individual behaviors about protecting the marine environment.

Objectives

1. Marine debris exhibit workshop report. Host exhibit design workshop with EVOS TC program manager and key staff (3) from organization(s) funded for clean-up actions. We will do this to identify and prioritize exhibit content; discussion to include scope of marine debris problem in the oil impacted area, efforts to clean up marine debris and how this helps restore the impacted region, and sources of debris and prevention methods.
2. Exhibit design. Design structural elements of the exhibit including kiosk, digital displays, debris elements and location within the visitor path to optimize education and outreach opportunities.
3. Outreach materials defined. Exhibit design to include opportunity for annual updates on marine debris clean-up efforts and accomplishments, and ways for people to engage in clean-up activities. This will also be described in rack cards or brochures made available to the public.
4. Completed beta version educational curriculum. Design and develop a K-9 curriculum about marine debris that uses the proposed exhibit as a curriculum prop.
5. Exhibit commissioned. Complete fabrication, installation and commissioning prior to the 2012 visitor season.
6. Validated curriculum. Test the curriculum for meeting academic standards and outcomes; revise as necessary; make curriculum available for distance delivery to communities in the impacted region and beyond.
7. Curriculum workshop. A curriculum workshop will be held in year 2 to train teachers in use of the curriculum.
8. Informed annual visitors. Verify on-site visitor and student exposure to the marine debris exhibit and conduct surveys about their learning experience and outcomes.

Milestones

	Year 1 – FY12				Year 2 – FY13				Year 3 – FY14			
Milestones (by quarter)	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Prioritized content for core exhibit media and messages	X											
Design for exhibit completed		X										
Kiosk fabrication completed			X									
Visual media completed					X							
K-9 curriculum beta test version completed				X								
Marine debris materials gathered from cleanup activities				X								
Assemblage of exhibit components				X								
Digital media tested					X							
Outreach rack cards completed					X							
Kiosk commissioned and public opening					X							
Curriculum/teacher training workshop					X							
Curriculum offered to schools						X	X	X	X	X	X	X
Annual update of debris clean up action								X				X
Close out grant												X

Budget Narrative

Personnel & Fringe

All personnel costs reflect the total time commitment over the three-year (12 quarter) project period aligned with the three-year Gulf of Alaska Keeper debris clean-up project schedule. The ASLC Director of Conservation will be project lead and Principal Investigator (PI). The ASLC Education Manager, Exhibits Manager and Exhibit Technician will manage project implementation, scheduling, contracting, fabrication and commissioning. The two Education Specialists will be responsible for developing curriculum and providing content for the exhibit. See detailed budget for a breakdown of time each person will contribute in each project year.

Fringe

ASLC fringe benefits are charged at actual expenses and estimated at 28% of salary.

Travel

An exhibit design workshop will be held at the Alaska SeaLife Center in Year 1. The one-day workshop will include the EVOSTC Marine Debris Grant Project Manager, ALSC staff and two representatives from the organization funded to clean up debris in the spill impacted region and a representative from the Marine Conservation Alliance Foundation (MCAF).

Year 1:	Exhibit design workshop in Seward x1 person from MCAF	
	Airfare RT Juneau-Anchorage	$ 360
	Mileage RT Anchorage-Seward	$ 140
	Lodging - Seward @172/night x 1 night	$ 172
	Per diem - Seward @ $85/day x 2 days	$ 170
	Meetings in Anchorage x1 person (PI Ferren)	
	Mileage RT Seward-Anchorage	$ 140
	Per diem - Anchorage x1 day	$ 83
	Total Year 1 travel:	**$1,065**

Funding is requested for a Cordova-based teacher to participate in the Year 2 curriculum training workshop:

Year 2:	Curriculum training workshop in Seward x1 person	
	Airfare RT Cordova-Anchorage	$ 350
	Mileage RT Anchorage-Seward	$ 140
	Lodging - Seward @172/night x 1 night	$ 172
	Per diem - Seward @ $85/day x 2 days	$ 170
	Meetings in Anchorage x1 person (PI Ferren)	
	Mileage RT Seward-Anchorage	$ 140
	Per diem - Anchorage	$ 83
	Total Year 2 travel:	**$1,055**
Year 3:	Meetings in Anchorage x1 person (PI Ferren)	
	Mileage RT Seward-Anchorage	$ 140
	Per diem (meals only) - Anchorage	$ 85
	Total Year 3 travel:	**$ 225**

Equipment

The kiosk is an assemblage of many components and budgeted as an equipment expense ($20,000 Year 1; $5,000 Year 2 = $25,000 total). It will include the physical structure, flat-screen TV for projecting media and messages, and electronic control systems.

Supplies

Rack cards/brochures will be printed in Year 2 to inform public about sources of marine debris and tips for preventing it ($1,500). These brochures will be made available at the exhibit kiosk. Additional program supplies have also been budgeted in Year 2 ($500) and include materials and props supporting the curriculum and visitor surveys.

Contractual

An audio/video expert will be contracted to film, compile and edit educational content for the kiosk and prepare it for public exhibition ($15,000 Year 1; $5,000 Year 2 = $20,000 total).

Indirect Costs

The Alaska SeaLife Center's 2011 indirect rate is 32.95% of MTDC (modified total direct costs; submitted to the Department of Commerce in May 2011). Equipment and portions of sub-awards greater than $25,000 are excluded from MTDC.

A detailed budget worksheet is included on the following page.

Project: Marine Debris Exhibit at the Alaska SeaLife Center
PI: Howard Ferren
Dates: 10/1/2011 - 9/30/2014

			94,695				51,441				6,205		152,341	
			YEAR 1				YEAR 2				YEAR 3		TOTAL	
			Budget	MTDC			Budget	MTDC			Budget	MTDC	Budget	MTDC
a. Personnel	Sal/yr	% FTE			Sal/yr	% FTE			Sal/yr	% FTE				
Howard Ferren, Principal Investigator	72,000	10%	7,200	7,200	75,600	5%	7,560	7,560	79,380	2%	1,527	1,527	16,287	16,287
Laurie Morrow, Education Manager	43,680	10%	4,368	4,368	45,864	10%	4,586	4,586	48,157	2%	926	926	9,881	9,881
Ricky Deel, Exhibit Manager	48,000	10%	4,800	4,800	50,400	5%	5,040	5,040	52,920	2%	1,018	1,018	10,858	10,858
Darin Trobaugh, Education Specialist	33,150	15%	4,973	4,973	34,808	10%	3,481	3,481	36,548	0%	0	0	8,453	8,453
Casey Schulke, Education Specialist	32,240	10%	3,224	3,224	33,852	0%	0	0	35,545	0%	0	0	3,224	3,224
Exhibit Technician (TBD)	32,240	20%	6,448	6,448	33,852	0%	0	0	35,545	0%	0	0	6,448	6,448
Total Personnel			31,013	31,013			20,667	20,667			3,470	3,470	55,150	55,150
b. Fringe Benefits (@ 28%)	Rate				Rate				Rate					
Howard Ferren, Principal Investigator	28%		2,016	2,016	28%		2,117	2,117	28%		427	427	4,560	4,560
Laurie Morrow, Education Manager	28%		1,223	1,223	28%		1,284	1,284	28%		259	259	2,767	2,767
Ricky Deel, Exhibit Manager	28%		1,344	1,344	28%		1,411	1,411	28%		285	285	3,040	3,040
Darin Trobaugh, Education Specialist	28%		1,392	1,392	28%		975	975	28%		0	0	2,367	2,367
Casey Schulke, Education Specialist	28%		903	903	28%		0	0	28%		0	0	903	903
Exhibit Technician (TBD)	28%		1,805	1,805	28%		0	0	28%		0	0	1,805	1,805
Total Fringe Benefits			8,684	8,684			5,787	5,787			972	972	15,442	15,442
c. Travel and Per Diem														
Airfare	Rate	Qty			Rate	Qty			Rate	Qty				
Juneau-Anchorage (workshop)	360	1	360	360			0	0			0	0	360	360
Cordova-Anchorage (workshop)			0	0	350	1	350	350			0	0	350	350
Per Diem														
Seward, AK (workshop)	257	2	514	514	257	2	514	514			0	0	1,028	1,028
Anchorage, AK (EVOS meetings)	83	1	83	83	83	1	83	83	85	1	85	85	251	251
Mileage														
RT Seward-Anchorage (EVOS mettings)	140	1	140	140	140	1	140	140	140	1	140	140	420	420
RT Anchorage-Seward (workshop)	140	1	140	140	140	1	140	140			0	0	280	280
Other Travel (5790)														0
Workshop food			0	0	0	1	0	0			0	0	0	0
Total Travel and Per Diem			1,237	1,237			1,227	1,227			225	225	2,689	2,689
d. Equipment/software >$5,000	Rate	Qty			Rate	Qty			Rate	Qty				
Kiosk exhibit w/ flatscreen display and computer controls	20,000	1	20,000	N/A	5,000	1	5,000	N/A			0	N/A	25,000	N/A
Total Equipment >$5,000			20,000				5,000				0		25,000	
e. Supplies/commodities/equipment <$5,000	Rate	Qty			Rate	Qty			Rate	Qty				
Rack card printing, project supplies			0	0	2,000	1	2,000	2,000			0	0	2,000	2,000
Total Supplies/commodities <$5,000			0	0			2,000	2,000			0	0	2,000	2,000
f. Contracts/Services:	Rate	Qty			Rate	Qty			Rate	Qty				
Audio/video production	15,000	1	15,000	15,000	5,000	1	5,000	5,000			0	0	20,000	20,000
Total Services			15,000	15,000			5,000	5,000			0	0	20,000	20,000
g. Other	Rate	Qty			Rate	Qty			Rate	Qty				
Workshop food	250	1	250	250	250	1	250	250			0	0	500	500
Total Other			250	250			250	250			0	0	500	500
TOTAL Categories			76,183	56,183			39,931	34,931			4,667	4,667	120,781	95,781
Indirects on MTDC (no equip and contracts to 25,000 ea)			18,512				11,510				1,538		31,560	
Total Per Funding Source			94,695				51,441				6,205		152,341	

Total Annual EVOSTC Public Outreach Funding Request

Marine Debris Public Outreach Projects
2012-2014

Year	2012	2013	2014	Total
Proposal 1	56,800	41,300	41,300	139,400
Proposal 2	28,059			28,059
Proposal 3	3,784	10,076	10,076	23,936
Proposal 4	94,695	51,441	6,205	152,341
Total	**183,338**	**102,817**	**57,581**	**343,736**

***EXXON VALDEZ* OIL SPILL TRUSTEE COUNCIL**
DETAILED BUDGET FORM FY 12-FY16

Budget Category:	Proposed FY 12	Proposed FY 13	Proposed FY 14	Proposed FY 15	Proposed FY 16	TOTAL PROPOSED
Personnel	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
Travel	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0
Contractual	$335.7	$375.3	$285.0	$0.0	$0.0	$996.0
Commodities	$2.0	$2.0	$0.0	$0.0	$0.0	$4.0
Equipment	$15.0	$0.0	$0.0	$0.0	$0.0	$15.0
SUBTOTAL	$352.7	$377.3	$285.0	$0.0	$0.0	$1,015.0
General Administration (9% of subtotal)	$31.7	$34.0	$25.7	$0.0	$0.0	$91.4
PROJECT TOTAL	$384.4	$411.3	$310.7	$0.0	$0.0	$1,106.4
Other Resources (Cost Share Funds)	$0.0	$0.0	$0.0	$0.0	$0.0	$0.0

COMMENTS: In this box, identify non-EVOSTC funds or in-kind contributions used as cost-share for the work in this proposal. List the amount of funds, the source of funds, and the purpose for which the funds will be used. Do not include funds that are not directly and specifically related to the work being proposed in this proposal. Anticipated NOAA marine debris removal grants totaling $420,000 for debris trucking and disposal, a portion of contract crew cost, project insurance, cleanup and monitoring reports, landing craft leases for transporting debris, helicopter leases for slinging debris to landing craft; Private and corporate donations of $82,600 for fuel, watermaker supplies, remote camp equipment, tents, cots, stoves, and msc; ALPAR--debris bags; Johnson Tire-debris bags; Donated food from volunteers and GoAK ($15,360); Donated private vessel time ($318,500); Donated charter vessel time ($45,000); Donated slip, launch, vehicle parking, and wharfage from Whittier, Seward, and Homer ($8,900); GoAK will pay $6,000 to an accountant for bookeeping related to this project; The USFS will donate $75,000 for fuel and disposal fees; Volunteers and GoAK board members will donate over 13,500 hours to this project ($276,750); GoAK and researchers from UAA and College of William and Mary will

FY12-16

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4A
TRUSTEE AGENCY
SUMMARY

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs: Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY12

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
8-person contract cleanup crew with all support vessels and equipment necessary		325.7
Contract with UAA and College of William and Mary scientists for marine debris toxicity research		10.0
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	$335.7

Commodities Costs: Description	Commodities Sum
Fuel for marine debris toxicity research project on Elizabeth Island	2.0
Commodities Total	$2.0

FY12

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
Remote controlled underwater video camera for stranded net and other derelict fishing gear identification	1.0	15.0	15.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$15.0

Existing Equipment Usage: Descriptior	Number of Units	Inventory Agency
Outboards	2	2
Inflatable, skiffs	2	2
chainsaws	2	2
still cameras	3	3
video cameras	2	2
Handheld radios	5	5
Handheld GPS	4	4
Satellite phone	1	1
Smooth Talker cell phone booster	1	1
Super Sacks	200	350

FY12

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
EQUIPMENT DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs: Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY13

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description	Contract Sum
10-person contract cleanup crew with all support vessels and equipment necessary	365.3
Contract with UAA and College of William and Mary scientists for marine debris toxicity research	10.0
If a component of the project will be performed under contract, the 4A and 4B forms are required. **Contractual Total**	$375.3

Commodities Costs: Description	Commodities Sum
Fuel for marine debris toxicity research project on Elizabeth Island	2.0
Commodities Total	$2.0

FY13

Program Title: Marine Debris removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency
Outboards	2	2
inflable skiffs	2	2
chainsaws	2	2
still cameras	3	3
video cameras	2	2
handheld VHF radios	5	5
handhelp GPS	4	4
satellite phone	1	1
Smooth Talker cell phone booster	1	1
Super Sacks	350	350

FY13

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
EQUIPMENT DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY14

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
9-person marine debris cleanup contract crew with one support vessel		285.0
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	$285.0

Commodities Costs: Description	Commodities Sum
Commodities Total	$0.0

FY14

Program Title:Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
chainsaws			0.0
still cameras			0.0
video cameras			0.0
handheld VHF radios			0.0
handheld GPS			0.0
satellite phone			0.0
Super Sacks			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency
chainsaws	2	2
still cameras	3	3
video cameras	2	2
handheld VHF radios	5	5
handheld GPS	4	4
satellite phone	1	1
Super Sacks	350	350

FY14

Program Title: Marine Debris Removal
Team Leader: Chris Pallister
Agency: Gulf of Alaska Keeper

FORM 4B
EQUIPMENT DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs: Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY15

Program Title:
Team Leader:
Agency:

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	$0.0

Commodities Costs: Description	Commodities Sum
Commodities Total	$0.0

FY15

Program Title:
Team Leader:
Agency:

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY15

Program Title:
Team Leader:
Agency:

FORM 4B
EQUIPMENT DETAIL

***EXXON VALDEZ* OIL SPILL TRUSTEE COUNCIL**
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
		Subtotal	0.0	0.0	
				Personnel Total	$0.0

Travel Costs: Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
					0.0
				Travel Total	$0.0

FY16

Program Title:
Team Leader:
Agency:

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	$0.0

Commodities Costs: Description	Commodities Sum
Commodities Total	$0.0

FY16

Program Title:
Team Leader:
Agency:

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
			0.0
		New Equipment Total	$0.0

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY16

Program Title:
Team Leader:
Agency:

FORM 4B
EQUIPMENT DETAIL

LO Ballachey
USGS - PJ 12100808

FY12 INVITATION
PROPOSAL SUMMARY PAGE

Project Title: Long-term Monitoring: Lingering Oil - Evaluating Chronic Exposure of Harlequin Ducks and Sea Otters to Lingering *Exxon Valdez* Oil in Western Prince William Sound

Project Period: October 1, 2011 – March 31, 2013

Primary Investigator(s): Brenda Ballachey, US Geological Survey; Daniel Esler, Simon Fraser University and Pacific Wildlife Foundation
Co-Investigators: James Bodkin, Liz Bowen, Keith Miles, US Geological Survey.

Study Location: Prince William Sound, Alaska

Abstract: This project is a component of the integrated Long-term Monitoring of Marine Conditions and Injured Resources and Services submitted by McCammon et al. in spring 2011. Sea otter and sea duck populations in PWS were injured as a result of the *Exxon Valdez* oil spill, with evidence for both immediate acute mortality and longer term injury from chronic exposure to oil spilled in 1989. For both species, it appears that full recovery is not yet complete. Prior EVOSTC projects have examined continuing exposure to lingering oil as a factor constraining recovery, using biomarker assays (the cytochrome P4501A biomarker, CYP1A, to evaluate oil exposure in harlequins, and gene expression assays to evaluate exposure and health of sea otters). Harlequin ducks have continued to show elevation of CYP1A in oiled areas through 2009, suggesting exposure is still a concern; harlequin populations were resampled in spring 2011 and results of CYP1A assays on those samples are pending. For sea otters, recent studies have shown that abundance in the vicinity of northern Knight Island has not yet returned to pre-spill levels, and that otters are foraging in areas where lingering oil persists in sediments. Most recently, gene expression assays have been developed, using an array of genes to specifically quantify oil exposure and health status of sea otters. We propose to resample harlequin and sea otter populations in western PWS in 2012 to assess biomarker levels, as a continued effort to measure exposure of these nearshore residents to lingering oil and monitor the status of their recovery as injured species, and as indicators of recovery of the overall nearshore ecosystem.

Estimated Budget:
EVOSTC Funding Requested: 2012: $204.2;
(breakdown by fiscal year and must include 9% GA)

Non-EVOSTC Funds to be used: 2012: $70.0; *(breakdown by fiscal year)*

Date: May 31, 2011

(NOT TO EXCEED ONE PAGE)
PROJECT PLAN

I. NEED FOR THE PROJECT

A. Statement of Problem

Sea otter and sea duck populations in western PWS were injured as a result of the *Exxon Valdez* oil spill, with evidence for both immediate acute mortality and longer term injury from chronic exposure to oil spilled in 1989. A series of EVOSTC projects have addressed population demographic endpoints including abundance, habitat use, and survival rates, as well as biological sampling to monitor ongoing exposure to lingering EVO using biomarker assays (the cytochrome P4501A biomarker to evaluate oil exposure in harlequins and gene expression assays to evaluate exposure and health of sea otters).

For both sea otters and harlequin ducks, the most recent data suggest recovery is not yet complete. As part of EVOSTC Restoration Project 070808 (Nearshore Synthesis: Sea otters and sea ducks), harlequin ducks were examined for lingering exposure to residual *Exxon Valdez* oil. This work determined that harlequin ducks continued to show biomarker evidence of elevation of cytochrome P4501A in oiled areas through 2009, which was interpreted to indicate exposure to *Exxon Valdez* oil up to 20 years after the spill (Esler et al. 2010). For sea otters, recent studies (also part of Restoration Project 070808) have shown that sea otters in the vicinity of northern Knight Island have not yet returned to pre-spill abundance, and that they are foraging in intertidal areas where lingering oil persists in sediments (USGS unpublished data). Most recently, gene expression assays for sea otters have been developed, using an array of genes to specifically quantify oil exposure and health status of sea otters (Restoration Project 090841); that effort is close to final.

B. Relevance to 1994 Restoration Plan Goals and Scientific Priorities

Please see pages 2-4 of the integrated proposal titled "Long-Term Monitoring of Marine Conditions and Injured Resources and Services," submitted by McCammon et al. in spring 2011.

II. PROJECT DESIGN

A. Objectives

Project Concept

In this study, we propose to resample harlequin ducks and sea otters in PWS for biomarker assays to evaluate recovery status of these species by measuring the degree of continued exposure to lingering oil, health and condition. Harlequin ducks were sampling in March 2011 (EVOS Restoration Project 11100808). If the 2011 results show no significant difference between oiled and unoiled areas in expression of CYP1A, then we request funding to resample harlequins in 2012 to confirm that exposure has ceased. Alternatively, if we see a continued difference between areas in the 2011 sampling, then we request that the next sampling of harlequin ducks be deferred until 2013, to continue the schedule of sampling every 2 years since 2005. Sea otters were last sampled in 2008, and we request funding to resample in 2012.

Objective 1. Harlequin duck sampling in oiled and unoiled areas of PWS, for CYP1A analyses, to evaluate continuing exposure to lingering oil of ducks captured in oiled areas.

Objective 2. Sea otter sampling in oiled and unoiled areas of PWS, for gene expression assay, to evaluate continuing exposure and health of sea otters captured in oiled areas.

B. Procedural and Scientific Methods

Harlequin ducks: Methods will replicate those from previous work (Trust et al. 2000, Esler et al. 2010) to facilitate comparisons. In brief, we will capture harlequin ducks in several areas that were oiled during the *Exxon Valdez* oil spill, including Bay of Isles, Herring Bay, Crafton Island, Lower Passage, and Green Island, as well as at nearby unoiled northwestern Montague Island. In each area, 20 harlequin ducks will have small (< 0.5g) liver biopsies taken while under general anesthesia. Biopsies will be frozen in liquid nitrogen immediately and will be maintained in a frozen state until laboratory analysis at UC Davis by co-PI Keith Miles (and collaborators Jack Henderson and Barry Wilson). CYP1A induction will be determined by measuring hepatic 7-ethoxyresorufin-*O*-deethylase (EROD) activity, which is a catalytic function principally of hydrocarbon-inducible CYP1A enzymes.

Sea otters: Methods will replicate those used in 2008 (EVOSTC Project 090841). Sea otters will be captured in areas that were heavily oiled during the 1989 EVOS (primarily in Bay of Isles, Lower Passage and Herring Bay), and at nearby Montague Island to provide a reference sample from an unoiled area (15 per area). In addition, we will capture otters (n=15) in eastern PWS, to provide a second reference sample. Sea otters will be sedated and blood collected from the jugular vein into Paxgene tubes, and tubes shipped to UC Davis for gene expression assays by co-PIs L. Bowen and K. Miles. A panel of 12 genes will be quantified, including genes identified in ongoing sea otter studies as showing variation across oiled and unoiled areas within PWS, following the methods and data analytical approach currently being developed by Bowen and Miles (USGS unpublished data).

C. Data Analysis and Statistical Methods

For harlequin ducks, data analysis will follow that of Esler et al. (2010) and will evaluate average differences in EROD between oiled and unoiled areas, accounting for any effects of age, sex, or mass. Further, the latest data will be compared with results from previous years to assess whether or not a temporal trend is apparent, which may clarify the process of recovery. For sea otters, data on a panel of 12 genes will be analyzed by multivariate methods currently being developed by Miles and Bowen as part of EVOSTC Project 090841, and being applied to samples collected in 2006 and 2008. The sea otter data collected in 2012 also will be compared with previous years sampling to assess temporal trends that may be present.

D. Description of Study Area

This project will focus on harlequin ducks and sea otters in western PWS. Capture of harlequins will target birds in Bay of Isles, Herring Bay, Crafton Island, Lower Passage, and Green Island (all areas that were oiled in 1989), and at nearby unoiled northwestern Montague Island to provide a reference sample. Sea otters will be caught in areas around northern Knight Island, primarily in Bay of Isles, Lower Passage and Herring Bay, and at nearby Montague Island to

provide an unoiled reference sample. In addition, we will capture otters in eastern PWS, to provide a second reference sample.

E. Coordination and Collaboration with Other Efforts

This project is coordinated with the proposed Long-Term Monitoring study submitted to the EVOSTC in spring 2011 by McCammon et al. A primary goal of the proposed monitoring effort is to evaluate the recovery status of resources in PWS that were injured by the EVOS, and measuring biochemical indices of exposure in harlequin ducks and sea otters, two species recognized to have protracted recovery from the spill, directly supports that goal. This project will continue the biomarker studies that were initiated in 1996 in western PWS, supported by the EVOSTC. Methods used will conform to those from earlier studies (for harlequins, back to 1996; for sea otters, new methodologies were applied in 2006). The project will coordinate with and complement studies concurrently proposed by NOAA ABL to continue tracking oil levels in intertidal sediments.

III. SCHEDULE

A. Project Milestones

Objective 1. Harlequin duck sampling in oiled and unoiled areas of PWS, for CYP1A analyses, to evaluate continuing exposure to lingering oil of ducks captured in oiled areas.
To be met by March 31, 2013, assuming captures go ahead in 2012. Otherwise, if captures are deferred until 2013, to be met by March 31, 2014. Schedule for captures will depend on 2011 results, pending.

Objective 2. Sea otter sampling in oiled and unoiled areas of PWS, for gene expression assay, to evaluate continuing exposure and health of sea otters captured in oiled areas.
To be met by March 31, 2013, assuming captures go ahead in spring 2012 (anticipated schedule).

Measurable Project Tasks

FFY 11, 2nd quarter (January 1, 2011-March 31, 2011)
Project funding approved by Trustee Council

FFY 11, 3rd quarter & 4th quarter (April 1, 2011-September 30, 2011)
Finalize proposals and budgets

FFY 12, 1st quarter (October 1, 2011-December 31, 2011)
Planning for spring captures (harlequins and sea otters)
Potential meeting of LTM PI's, Anchorage

FFY 12, 2nd quarter (January 1, 2012-March 31, 2012)
January: Annual Marine Science Symposium, Anchorage
March: Harlequin duck capture, PWS

FFY 12, 3rd quarter (April 1, 2012-June 30, 2012)
May: Sea otter capture, PWS
Sample analyses, harlequins

FFY 12, 4th quarter (July 1, 2012-September 30, 2012)
Sample analyses, sea otters
Data analysis, harlequins

FFY 13, 1st quarter (October 1, 2012-December 31, 2012)
Complete sample and data analyses, initiate reports
Potential meeting of LTM PI's, Anchorage

FFY 1, 2nd quarter (January 1, 2013-March 31, 2013)
Complete reports, submit to EVOSTC
January: Annual Marine Science Symposium, Anchorage

Note: *the above schedule assumes that captures of harlequins and sea otters will be done in 2012 and not deferred until 2013.*

References:

Esler, D., K.A. Trust, B.E. Ballachey, S.A. Iverson , T.L. Lewis, D.J. Rizzolo, D.M. Mulcahy, A.K. Miles, B.R. Woodin, J.J. Stegeman, J.D. Henderson, and B.W. Wilson. 2010. Cytochrome P4501A biomarker indication of oil exposure in harlequin ducks up to 20 years after the Exxon Valdez oil spill. Environmental Toxicology and Chemistry 29:1138-1145.

Trust, K.A., D. Esler, B.R. Woodin, and J.J. Stegeman. 2000. Cytochrome P450 1A induction in sea ducks inhabiting nearshore areas of Prince William Sound, Alaska. Marine Pollution Bulletin 40:397-403.

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Budget Category:	Proposed FY 12	Proposed FY 13	Proposed FY 14	Proposed FY 15	Proposed FY 16	TOTAL PROPOSED
Personnel	$0.0	$0.0				$0.0
Travel	$10.0	$0.0				$10.0
Contractual	$141.9	$0.0				$141.9
Commodities	$35.5	$0.0				$35.5
Equipment	$0.0	$0.0				$0.0
SUBTOTAL	$187.4	$0.0	$0.0	$0.0	$0.0	$187.4
General Administration (9% of subtotal)	$16.9	$0.0	$0.0	$0.0	$0.0	$16.9
PROJECT TOTAL	$204.2	$0.0	$0.0	$0.0	$0.0	$204.2
All amounts are in thousands of dollars.						
Other Resources (Cost Share Funds)	$70.0	$0.0	$0.0	$0.0	$0.0	$0.0

COMMENTS: NOTE!!!! One year of capture/sampling is planned for harlequin ducks (HADU) and one year for sea otters (SEOT). HADU capture year depends on sample analysis currently in progress, so work will be conducted in 2012 OR in 2013. We're adding values to this budget worksheet for only 1 year (2012), but work might end up being conducted in a different year (2013). SEOT capture dates are not anticipated to vary from planned. Cost Share Funds include (a) USGS staff for sea otter capture logistics, capture, sample prep and shipping, and data analysis: approximately 70K; (b) USGS equipment for sea otter captures, and (c) USGS laboratory facilities for EROD and gene expression analyses. Donated funds include the sea otter veterinarian's time (travel and supplies will be covered under this project).

FY12-16

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4A
TRUSTEE AGENCY
SUMMARY

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Budget Category:	Proposed FY 12	Proposed FY 13	Proposed FY 14	Proposed FY 15	Proposed FY 16	TOTAL PROPOSED
Personnel	$0.0	$0.0				$0.0
Travel	$10.0	$0.0				$10.0
Contractual	$141.9	$0.0				$141.9
Commodities	$35.5	$0.0				$35.5
Equipment	$0.0	$0.0				$0.0
SUBTOTAL	$187.4	$0.0	$0.0	$0.0	$0.0	$187.4
General Administration (9% of subtotal)	$16.9	$0.0	$0.0	$0.0	$0.0	$16.9
PROJECT TOTAL	$204.2	$0.0	$0.0	$0.0	$0.0	$204.2
All amounts are in thousands of dollars.						
Other Resources (Cost Share Funds)	$70.0	$0.0	$0.0	$0.0	$0.0	$0.0

COMMENTS: NOTE!!!! One year of capture/sampling is planned for harlequin ducks (HADU) and one year for sea otters (SEOT). HADU capture year depends on sample analysis currently in progress, so work will be conducted in 2012 OR in 2013. We're adding values to this budget worksheet for only 1 year (2012), but work might end up being conducted in a different year (2013). SEOT capture dates are not anticipated to vary from planned. Cost Share Funds include (a) USGS staff for sea otter capture logistics, capture, sample prep and shipping, and data analysis: approximately 70K; (b) USGS equipment for sea otter captures, and (c) USGS laboratory facilities for EROD and gene expression analyses. Donated funds include the sea otter veterinarian's time (travel and supplies will be covered under this project).

FY12-16

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4A
TRUSTEE AGENCY
SUMMARY

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
		Subtotal	0.0	0.0	
				Personnel Total	0.00

Travel Costs: Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
SEOT: lingering oil: Seattle to Whittier, 2 people	1.0	2	42	0.1	4.10
SEOT: lingering oil: Anchorage to Whittier, 4 people	0.0	4	84	0.0	1.26
SEOT: lingering oil: San Jose to Whittier, 1 person	2.0	1	21	0.1	3.05
SEOT: lingering oil: misc travel costs (GOV fuel, tunnel tickets, parking)					1.60
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
				Travel Total	10.01

FY12

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
HADU: lingering oil: PWLF, see forms 4A & 4B at very end of this document		93.87
SEOT: lingering oil: vessel charter for SEOT capture, 21 d * 2.0/day		42.00
SEOT: lingering oil: tooth cementum analysis		1.00
SEOT: lingering oil: serum chemistry analysis		3.00
SEOT: lingering oil: blood hematology analysis		2.00
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	141.87

Commodities Costs: Description	Commodities Sum
HADU: lingering oil, EROD supplies and analysis, 40 samples * $0.2/sample	8.00
SEOT: lingering oil: field sampling supplies, veterinary supplies (incl sedation & reversal agents)	10.00
SEOT: lingering oil: sample shipping	2.00
SEOT: lingering oil: gene expression analysis, 45 samples * 0.3/sample	13.50
SEOT: lingering oil: gene expression supplies	1.00
SEOT: lingering oil: gene expression equipment calibration	1.00
Commodities Total	35.50

FY12

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4B
CONTRACTUAL &
COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
		New Equipment Total	0.00

Existing Equipment Usage: Description	Number of Units	Inventory Agency
SEOT: Lingering Oil: 25 ft Boston Whaler for sea otter capture		USGS
SEOT: Lingering Oil: assorted inflatable skiffs for sea otter capture		USGS
SEOT: Lingering Oil: diver rebreather units and/or tangle nets for sea otter capture		USGS
SEOT: Lingering Oil: Questar spotting scopes & binoculars & Garmin GPS units for sea otter capture		USGS
HADU: lingering oil: EROD analytical equipment		USGS

FY12

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4B
EQUIPMENT DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs: Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
		Subtotal	0.0	0.0	
				Personnel Total	0.00

Travel Costs: Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
				Travel Total	0.00

FY13

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4B
PERSONNEL & TRAVEL DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
		0.00
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	0.00

Commodities Costs: Description	Commodities Sum
Commodities Total	0.00

FY13

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
		New Equipment Total	0.00

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY13

Program Title: HADU & SEOT Lingering Oil
Team Leader: Esler & Ballachey
Agency: USGS

FORM 4B
EQUIPMENT DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs:		Months	Monthly		Personnel
Name	Project Title	Budgeted	Costs	Overtime	Sum
Dr. Dan Esler	HADU: lingering oil	3.0	8.0		24.00
lead technician	HADU: lingering oil	1.0	3.0		3.00
bio-tech (2)	HADU: lingering oil	4.0	2.0		8.00
veterinarian	HADU: lingering oil				10.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
		Subtotal	13.0	0.0	
				Personnel Total	45.00

Travel Costs:	Ticket	Round	Total	Daily	Travel
Description	Price	Trips	Days	Per Diem	Sum
Vancouver to Anchorage	1.0	5	100	0.0	7.40
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
				Travel Total	7.40

FY12

Program Title: HADU & SEOT Lingering Oil Team
Leader: Esler & Ballachey
Agency: Pacific Wildlife Foundation (Dr. Esler)

FORM 4B
PERSONNEL & TRAVEL
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
HADU: lingering oil: PWLF overhead 5%		4.47
HADU: lingering oil: vessel charter, 14 days * 2.0/day		28.00
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	32.47

Commodities Costs: Description		Commodities Sum
HADU: lingering oil: field sampling supplies, veterinary supplies, & liquid nitrogen		7.00
HADU: lingering oil: sample shipping		2.00
	Commodities Total	9.00

FY12

Program Title: HADU & SEOT Lingering Oil Team
Leader: Esler & Ballachey
Agency: Pacific Wildlife Foundation (Dr. Esler)

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
		New Equipment Total	0.00

Existing Equipment Usage: Description	Number of Units	Inventory Agency

FY12

Program Title: HADU & SEOT Lingering Oil Team
Leader: Esler & Ballachey
Agency: Pacific Wildlife Foundation (Dr. Esler)

FORM 4B
EQUIPMENT DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Personnel Costs:					
Name	Project Title	Months Budgeted	Monthly Costs	Overtime	Personnel Sum
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
		Subtotal	0.0	0.0	
				Personnel Total	0.00

Travel Costs: Description	Ticket Price	Round Trips	Total Days	Daily Per Diem	Travel Sum
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
					0.00
				Travel Total	0.00

FY13

Program Title: HADU & SEOT Lingering Oil Team
Leader: Esler & Ballachey
Agency: Pacific Wildlife Foundation (Dr. Esler)

FORM 4B
PERSONNEL & TRAVEL
DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

Contractual Costs: Description		Contract Sum
If a component of the project will be performed under contract, the 4A and 4B forms are required.	**Contractual Total**	0.00

Commodities Costs: Description		Commodities Sum
	Commodities Total	0.00

FY13

Program Title: HADU & SEOT Lingering Oil Team
Leader: Esler & Ballachey
Agency: Pacific Wildlife Foundation (Dr. Esler)

FORM 4B
CONTRACTUAL & COMMODITIES DETAIL

EXXON VALDEZ OIL SPILL TRUSTEE COUNCIL
DETAILED BUDGET FORM FY 12-FY16

New Equipment Purchases: Description	Number of Units	Unit Price	Equipment Sum
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
		New Equipment Total	0.00

Existing Equipment Usage: Descriptior	Number of Units	Inventory Agency

FY13

Program Title: HADU & SEOT Lingering Oil Team
Leader: Esler & Ballachey
Agency: Pacific Wildlife Foundation (Dr. Esler)

FORM 4B
EQUIPMENT DETAIL

PJ 100 Budget Request Comparisons – FFY11 to FFY12

Component	FFY11 Budget	FFY12 Budget	Change
Administration Management	$813,693	$710,862	($102,831)
Data Management	$152,080	$137,885	($14,195)
Science Program	$231,336	$287,471	$56,135
Public Advisory Committee (PAC)	$33,136	$16,132	($17,004)
Trustee Council Member Direct Expenses	$17,985	$1,199	($16,786)
Habitat Protection Program	$109,000	$189,549	$80,549
Trust Agency Support/Project Management	$339,774	$297,510	($42,264)
Alaska Resource Library & Information Services	$137,119	$71,182	($65,937)
Total	$1,834,123	$1,711,790	($122,333)

Cost Type	FFY11 Request	FFY12 Request	Change
Personnel	$1,112,766	$913,325	($199,441)
Travel	$52,400	$45,100	($7,300)
Contractual	$466,015	$554,775	$78,760
Commodities	$27,000	$32,250	$5,250
Equipment	$24,500	$25,000	$500
Sub-Total	$1,682,681	$1,570,450	($122,231)
GA – 9%	$151,442	$141,340	($11,002)
Total	$1,834,123	$1,711,790	($122,333)

Amounts in red/parenthesis are savings, black are increases.
As of 09-15-11

	Total FFY11 APDI Budget by Agency											
Cost Type	ADFG	ADEC	ADNR	ADOL	NOAA	DOI USGS	DOI FWS	DOI SEC	DOI OEPC	DOI BLM	USFS	Total Budget
Personnel	$771,014	$31,300	$61,734	$0	$81,000	$44,145	$57,400	$22,300	$7,500	$8,000	$28,373	$1,112,766
Travel	$39,200	$3,300	$0	$3,300	$3,300	$0	$0	$3,300	$0	$0	$0	$52,400
Contractual	$283,015	$0	$40,000	$0	$0	$126,000	$0	$0	$0	$4,500	$12,500	$466,015
Commodities	$27,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$27,000
Equipment	$24,500	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$24,500
Subtotal	$1,144,729	$34,600	$101,734	$3,300	$84,300	$170,145	$57,400	$25,600	$7,500	$12,500	$40,873	$1,682,681
GA – 9%	$103,026	$3,114	$9,156	$297	$7,587	$15,313	$5,166	$2,304	$675	$1,125	$3,679	$151,442
FFY11 Total Budget	$1,247,755	$37,714	$110,890	$3,597	$91,887	$185,458	$62,566	$27,904	$8,175	$13,625	$44,552	$1,834,123

	Total FFY12 APDI Budget by Agency											
Cost Type	ADFG	ADEC	ADNR	ADOL	NOAA	DOI USGS	DOI FWS	DOI SEC	DOI OEPC	DOI BLM	USFS	Total Budget
Personnel	$585,982	$0	$50,000	$46,398	$81,000	$49,145	$34,400	$22,300	$5,000	$8,000	$31,100	$913,325
Travel	$44,000	$0	$0	$0	$0	$0	$0	$1,100	$0	$0	$0	$45,100
Contractual	$392,275	$0	$40,000	$0	$0	$118,000	$0	$0	$0	$4,500	$0	$554,775
Commodities	$32,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$32,250
Equipment	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
Subtotal	$1,079,507	$0	$90,000	$46,398	$81,000	$167,145	$34,400	$23,400	$5,000	$12,500	$31,100	$1,570,450
GA – 9%	$97,155	$0	$8,100	$4,176	$7,290	$15,043	$3,096	$2,106	$450	$1,125	$2,799	$141,340
FFY12 Total Budget	$1,176,662	$0	$98,100	$50,574	$88,290	$182,188	$37,496	$25,506	$5,450	$13,625	$33,899	$1,711,790

APDI 5-Year Budget Comparison FY08 - FY12

Component	FFY08 Budget	FFY09 Budget	FFY10 Budget	FFY11 Budget	FFY12 Budget
Administration Management	$743,824	$720,572	$804,663	$813,693	$710,862
Data Management	$214,294	$210,902	$149,991	$152,080	$137,885
Science Management	$368,202	$696,129	$468,539	$231,336	$287,471
Public Information & Outreach	$40,330	$183.665	$136,850	$0	$0
Public Advisory Committee (PAC)	$37,060	$48,505	$37,605	$37,060	$16,132
Trustee Council Member Direct Expenses	$29,975	$29.975	$29,975	$29,975	$1,199
Habitat Protection Program	$109,000	$109,000	$109,000	$109,000	$189,549
Trust Agency Support/Project Management	$363,951	$354,339	$367,033	$339,774	$297,510
Alaska Resource Library & Information Services	$167,533	$177,565	$166,372	$137,119	$71,182
Total	**$2,270,028**	**$2,530,652**	**$2,270,028**	**$1,834,123**	**$1,711,790**
	Does not include FY08 NOS Grant of $89,040. **Total $2,359,068**				

Cost Type	FFY08 Request	FFY09 Request	FFY10 Request	FFY11 Request	FFY12 Request
Personnel	$1,313,100	$1,433,092	$1,312,115	$1,112,766	$913,325
Travel	$98,500	$78,000	$69,000	$67,000	$45,100
Contractual	$468,807	$795,607	$632,480	$473,095	$544,775
Commodities	$22,500	$15,000	$34,000	$32,500	$32,250
Equipment	$0	$0	$35,000	$24,500	$25,000
Subtotal	**$1,902,907**	**$2,321,699**	**$2,082,595**	**$1,682,681**	**$1,570,450**
GA – 9%	$171,262	$208,953	$187,433	$151,442	$141,340
Total	**$2,074,169**	**$2,530,652**	**$2,270,028**	**$1,834,123**	**$1,711,790**

As of 09-15-11

Exxon Valdez Oil Spill Trustee Council
FFY12 Annual Program Development and Implementation (APDI) Budget
October 1, 2011 – September 30, 2012

This budget structure is designed to provide a clearly identifiable allocation of the funds supporting Trustee Council activities. The program components are:

- Administration Management
- Data Management
- Science Program
- Public Advisory Committee (PAC)
- Habitat Protection Program
- Trustee Council Member Expenses
- Trustee Agency Support/Project Management
- Alaska Resources Library & Information Services (ARLIS)

The budget estimates detailed within those specified program components are projected based upon prior year actual expenditures and include the application of estimated merit step increases, as well as payroll benefits increases. Detailed budget component items cover necessary day-to-day operational costs of the *Exxon Valdez* Oil Spill Restoration Office and administrative costs associated with overseeing current Trustee Council program objectives.

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BUDGET SUMMARY INFORMATION - $1,711,790

The Council's FFY12 APDI Budget is funded by the *Exxon Valdez* Oil Spill Investment Fund which is managed by the Alaska Department of Revenue. The following summary tables show budget allocations by component, budgeted amount, and include General Administration costs, typically 9%. The remainder of the document provides additional detail for each component and, where applicable, the agency distribution for the funds.

Component	FFY11 Total Budget	**FFY12 Total Budget**
Administration Management	$813,693	$710,862
Data Management	$152,080	$137,885
Science Program	$231,336	$287,471
Public Advisory Committee (PAC)	$33,136	$16,132
Trustee Council Member Expenses	$17,985	$1,199
Habitat Protection Program	$109,000	$189,549
Trust Agency Support/Project Management	$339,774	$297,510
Alaska Resources Library & Information Services (ARLIS)	$137,119	$71,182
Total	$1,834,123	**$1,711,790**

($122,333 less than FFY11)

APDI Funding from Restoration Sub-Acct.	Total FFY12 Budget
Admin Mgmt	$710,862
Data Mgmt	$137,885
Science Prgm	$287,471
PAC	$16,132
TC Expense	$1,199
Trust Agency	$297,510
ARLIS	$71,182
Total	**$1,522,241**

APDI Funding from Habitat Sub-Acct.	Total FFY12 Budget
Habitat	$189,549
Total	**$189,549**

Vacant, but Retaining: PCN/Title	Annual Cost - Not Budgeted in APDI
11-7705/Adm Asst	$76,504
11-7706/Data Mgr	$114,066
11-7703/Sci Coord	$128,299
11-7707/PJ Asst	$80,915
Total	$399,784

	Total FFY12 APDI Budget by Agency											
Cost Type	ADF&G	ADEC	ADNR	ADOL	NOAA	DOI USGS	DOI FWS	DOI SEC	DOI BLM	DOI OEPC	USFS	Total Budget
Personnel	$585,982	$0	$50,000	$46,398	$81,000	$49,145	$34,400	$22,300	$8,000	$5,000	$31,100	$913,325
Travel	$44,000	$0	$0	$0	$0	$0	$0	$1,100	$0	$0	$0	$45,100
Contractual	$392,275	$0	$40,000	$0	$0	$118,000	$0	$0	$4,500	$0	$0	$554,775
Commodities	$32,250	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$32,250
Equipment	$25,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$25,000
Subtotal	$1,079,507	$0	$90,000	$46,398	$81,000	$167,145	$34,400	$23,400	$12,500	$5,000	$31,100	$1,570,450
GA – 9%	$97,155	$0	$8,100	$4,176	$7,290	$15,043	$3,096	$2,106	$1,125	$450	$2,799	$141,340
Total	**$1,176,662**	**$0**	**$98,100**	**$50,574**	**$88,290**	**$182,188**	**$37,496**	**$25,506**	**$13,625**	**$5,450**	**$33,899**	**$1,711,790**

ADMINISTRATION MANAGEMENT - $710,862

	FFY11Total Budget	FFY12 Total Budget
Personnel	$503,727	$440,677
Travel	$6,000	$5,500
Contractual	$201,780	$194,740
Commodities	$15,000	$11,250
Equipment	$20,000	$0
Subtotal	$746,507	$652,167
GA - 9%	$67,186	$58,695
Total	$813,693	**$710,862**

($102,831 less than FFY11 budget due to non-funding of vacant positions)

PERSONNEL - $440,677

Position	Range/Step	Months	Monthly Cost	Annual Cost
Executive Director – Elise Hsieh	28/B	12	$13,559	$162,712
Librarian III – Carrie Holba	19/N	6	$5,442	$65,304
Associate Coordinator – Cherri Womac	18/K	12	$9,321	$111,853
Administrative Manager – Linda Kilbourne	19/B	12	$8,401	$100,808
Personnel Total			$36,723	$440,677

Cost includes benefits. Librarian, formally allocated full-time under ARLIS funding section on page 16, will now be ½ time at EVOSTC to organize and archive documents.

TRAVEL - $5,500

These funds are for travel support for meetings and trainings; and for Jen Schorr to travel for programmatic and legal work regarding EVOSTC.

CONTRACTUAL – $194,740

- **Professional Development** **$500**

Administrative funds are budgeted for training and professional meetings with state, federal and program agency representatives on administrative, program and budget issues as necessary. Funds will be utilized for in-state training opportunities.

- **Trustee Council's Office Space** **$118,000**

The lease for the Trustee Council's office space is administered by the Government Services Administration (GSA) through the U.S. Geological Survey of the Department of the Interior. This amount includes a monthly PBS fee to GSA, and a mandatory Homeland Securities fee. To decrease costs, this space was reduced by approximately 37% during 2010. *This lease will expire on 9/30/13 and USGS will no longer sponsor the lease; we are considering options with NOAA as a sponsor.*

- **Annual Parking Fees for Trustee Office Staff** **$1,140**

EVOSTC has three (3) parking permits included with the building lease and one (1) paid directly to the Anchorage Parking Authority by EVOSTC ($95/mo).

- **Agreed-Upon Services Contract** **$30,000**

These funds support an Agreed-Upon Procedures (AUP) contract of the review of targeted financial transactions of the Trustee Office and agencies receiving EVOSTC funds. 2009 audit: $32,000; FFY2010 AUP: $15,000; and FFY2011 AUP: $15,000. Contractor will be performing both the 2010 and 2011 AUP in this fiscal year.

- **Telephone Service** **$4,000**

These funds are for telecommunications, teleconferencing meetings, and long distance phone services.

- **Public Notices** **$2,500**

These funds are for advertising Trustee Council public meetings and workshops in newspapers in the spill-affected areas.

- **Postage & Courier Services** **$1,000**

These funds are for US Postal Service mailings, express mailings, and courier services.

- **Equipment Maintenance and Agreements** **$4,600**

These funds are for the postage meter annual rental and any unforeseen maintenance expenses on other office equipment.

- **Transcription** **$3,000**

These funds are for transcription service of Trustee Council meetings.

- **Interagency Contracted Services** **$30,000**

These funds are for the Trustee Office's share of the Reimbursable Services Agreement costs for the EPR Telecommunications, Computer Services, ADA, Central Mail and AKSAS & AKPAY charge-backs paid by all ADF&G divisions. These costs are based on the number of full time positions divided by the total cost. As an example of these recurring charges, see table below for the previous year's charges:

FFY11 Interagency Contracted Services

Vendor:	Amount:	Department-wide Charges For:
Dell	$1,559.91	Microsoft Agreement
State of Alaska	$38.12	Risk Management Core Services
State of Alaska	$5,500.00	Network IT Support - Amend for EVOSTC
State of Alaska	$453.00	AKSAS-AKPAY Core Services
State of Alaska	$90.00	ADA Statewide Allocation
State of Alaska	$13,382.52	Telecommunication Services
State of Alaska	$5,520.50	Computer Services
State of Alaska	$299.95	Central Mail Services
Total:	**$26,844.00**	

COMMODITIES - $11,250

- **Office Supplies** **$8,000**

These funds are for miscellaneous office supplies, paper, toner, meeting materials etc. Also includes anticipated supplies needed to complete the official record.

- **Trustee Council Meetings** **$750**

These funds are for materials and incidentals for one teleconferenced and one in-person TC meeting.

- **Interpretive Information** **$2,500**

These funds are to purchase materials to produce documents, including those for meetings, public outreach, and general information.

EQUIPMENT - $0

AGENCY DISTRIBUTION:

Admin Mgmt	ADF&G	USGS	TOTAL
Personnel	$440,677	$0	$440,677
Travel	$5,500	$0	$5,500
Contractual	$76,740	$118,000	$194,740
Commodities	$11,250	$0	$11,250
Equipment	$0	$0	$0
Subtotal	$534,167	$118,000	$652,167
GA - 9%	$48,075	$10,620	$58,695
Component Total	$582,242	$128,620	$710,862

DATA MANAGEMENT - $137,885

Cost Category	FFY11Total Budget	FFY12 Total Budget
Personnel	$121,023	$0
Travel	$1,500	$0
Contractual	$2,000	$81,000
Commodities	$10,500	$20,500
Equipment	$4,500	$25,000
Subtotal	$139,523	$126,500
GA - 9%	$12,557	$11,385
Total	$152,080	**$137,885**

($14,195 less than FFY11)

PERSONNEL - $0

TRAVEL - $0

CONTRACTUAL – $81,000

- **Equipment Maintenance** **$1,000**

These funds are for minor equipment maintenance and repairs.

- **IT Services Contract: John Wojtacha of Superior Computer Service** **$0**

These funds provide data management support to the Trustee Council office. ($59,000 from FFY11 monies rolled-over for FFY12 service)

- **IT Services RSA: Alaska Dept. of Fish & Game** **$80,000**

The funds are for support the IT needs of the Trustee Council office through July 2012.

COMMODITIES - $20,500

- **Computer Software, Hardware & Upgrades** **$20,000**

These funds are for necessary purchases and upgrades to computer hardware, software, and networking equipment for the Trustee Council Office.

- **Equipment Supplies** **$500**

These funds are for miscellaneous supplies for equipment

EQUIPMENT - $25,000

- These funds are for replacement of obsolete equipment.

AGENCY DISTRIBUTION

Cost Category	ADF&G
Personnel	$0
Travel	$0
Contractual	$81,000
Commodities	$20,500
Equipment	$25,000
Subtotal	$126,500
GA 9%	$11,385
Component Total	$137,885

SCIENCE PROGRAM – $287,471

Cost Category	FFY11 Total Budget	FFY12 Total Budget
Personnel	$0	$0
Travel	$10,000	$30,500
Contractual	$202,235	$233,235
Commodities	$0	$0
Equipment	$0	$0
Subtotal	$212,235	$263,735
GA - 9%	$19,101	$23,736
Component Total	$231,336	**$287,471**

($56,135 increase from FFY11)

PERSONNEL – $0

TRAVEL - $30,500

Support for meetings and symposia, as needed, and including $16,000 for the Fall 2011 Long Term Monitoring PI meeting and $5000 for 2012 AMSS PI travel costs.

CONTRACTUAL - $233,235

- **Science Coordinator Contract: Catherine Boerner of Natura Consulting $84,235**

This contract provides science management services including project management, proposal coordination, implementation and oversight, and Annual Work Plan support.

- **Annual Marine Science Symposium $10,000**

These funds are to assist with the support of the Annual Marine Science Symposium. This annual funding will continue through FFY13, with the last payment made on or about September 2012.

- **Science Panel $129,000**

The Science Panel provides advice and feedback to the Executive Director and Council. Their work includes: Providing funding recommendations on scientific proposals to the Executive Director, providing assistance on special projects at the Executive Director's or Trustee Council's request, and participating at one in-person meeting.

The members are: Gary Cherr, Douglas Hay, Ronald O'Dor, Charles Peterson, Marilyn Sigman, Robert Spies, and Kimberly Trust. Each contract covers services provided for the period of October 1 through September 30, and will not exceed $21,000 per member, payable for actual time invoiced. As agency staff, Kimberly Trust (USFWS) is not eligible for compensation, but will be covered for travel expenses up to $3,000.

- **Herring Small Group $2,500**

This group works with the Long-Term Herring Program to ensure the Program meets its goals, assist setting future research priorities, and to provide feedback to the Council, through the Executive Director. Members approved by the EVOSTC Executive Director, in consultation with the Program, ADF&G and NOAA: ADF&G representative, NOAA representative, an academic and Scott Pegau.

- **Peer Review Contracts** **$7,500**

To ensure the scientific integrity of findings, and to assist with the review of the Council's programs, the Trustee Council requires peer review by nationally-recognized experts within applicable scientific and technical disciplines.

COMMODITIES – $0

EQUIPMENT – $0

AGENCY DISTRIBUTION:

Cost Category	ADF&G
Personnel	$0
Travel	30,500
Contractual	$233,235
Commodities	$0
Equipment	$0
Subtotal	$263,735
GA - 9%	$23,736
Component Total	$287,471

PUBLIC ADVISORY COMMITTEE (PAC) - $16,132

Cost Category	FFY11 Total Budget	**FFY12 Total Budget**
Personnel	$7,500	$5,000
Travel	$18,400	$8,000
Contractual	$3,000	$1,300
Commodities	$1,500	$500
Equipment	$0	$0
Subtotal	$30,400	$14,800
GA 9%	$2,736	$1,332
Component Total	$33,136	**$16,132**

($17,004 less than FFY11 due to Council-approved reduction of PAC members)

PERSONNEL - $5,000

Annual funds are provided for the designated federal officer (currently Doug Mutter) assigned to the PAC as required by the Federal Advisory Committee Act (FACA). This individual coordinates the scheduling of meetings, development of the agenda and meeting minutes, and provides assistance to the PAC Chair and the Restoration Office as needed.

TRAVEL - $8,000

- **PAC Meetings** **$8,000**

Travel support for 10 PAC members for one teleconferenced PAC meeting and to attend one in-person PAC meeting at an estimated average cost of $800 per person per trip to include: airfare, ground transportation, per diem, and lodging. The current PAC chair resides in Anchorage and will participate in person or via teleconference in Trustee Council meetings.

CONTRACTUAL - $1,300

- **Public Notices** **$1,300**

These funds are for advertising PAC meetings in newspapers in the spill-affected areas.

COMODITIES - $500

- **PAC Meetings** **$500**

These funds are for materials and incidentals for one teleconferenced and one in-person PAC meeting.

AGENCY DISTRIBUTION

Cost Category	ADF&G	DOI-OEPC	Total
Personnel	$0	$5,000	$5,000
Travel	$8,000	$0	$8,000
Contractual	$1,300	$0	$1,300
Commodities	$500	$0	$500
Equipment	$0	$0	$0
Subtotal	$9,800	$5,000	$14,800
GA - 9%	$882	$450	$1,332
Component Total	$10,682	$5,450	$16,132

TRUSTEE COUNCIL MEMBER EXPENSES- $1,199

Cost Category	FFY11 Total Budget	**FFY12 Total Budget**
Personnel	$0	$0
Travel	$16,500	$1,100
Contractual	$0	$0
Commodities	$0	$0
Equipment	$0	$0
Subtotal	$16,500	$1,100
GA - 9%	$1,485	$99
Component Total	$17,985	**$1,199**

($16,786 less than FFY11 due to reduction of travel expenses and three of the Trustees now reside in Anchorage)

PERSONNEL - $0

TRAVEL - $1,100

- **DOI Trustee Council Member Travel** **$1,100**

Travel support for the Trustee Council member or Alternate's travel expenses to participate in one one-day meetings in Anchorage.

CONTRACTUAL - $0

COMMODITIES - $0

EQUIPMENT - $0

AGENCY DISTRIBUTION

Cost Category	ADF&G	DOI-SEC	NOAA	ADEC	ADOL	Total
Personnel	$0	$0	$0	$0	$0	$0
Travel	$0	$1,100	$0	$0	$0	$1,100
Contractual	$0	$0	$0	$0	$0	$0
Commodities	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0
Subtotal	$0	$1,100	$0	$0	$0	$1,100
GA - 9%	$0	$99	$0	$0	$0	$99
Component Total	$0	$1,199	$0	$0	$0	$1,100

HABITAT PROTECTION PROGRAM - $189,549

Cost Category	FFY11 Total Budget	**FFY12 Total Budget**
Personnel	$43,000	$129,398
Travel	$0	$0
Contractual	$57,000	$44,500
Commodities	$0	$0
Equipment	$0	$0
Subtotal	$100,000	$173,898
GA - 9%	$9,000	$15,651
Component Total	$109,000	**$189,549**

($93,349 more than FFY11due to habitat personnel costs included in habitat component versus other components)

PERSONNEL - $129,398

- **ADOL** **$46,398**

Funds are for an RSA to cover ½ cost of salary for designated habitat personnel (currently Jen Schorr) who provide legal oversight for habitat acquisitions, easements, timber rights, etc., and provides information to the public and Council regarding this program.

- **ADNR** **$50,000**

Funds provided for designated habitat personnel (currently Samantha Carroll) who oversees large and small parcel habitat acquisitions, easements, timber rights, etc., and provides information to the public and Council regarding this program.

- **DOI-FWS/DOI-BLM** **$33,000**

Funds provided to assist with habitat acquisitions, easements, timber rights, etc.

TRAVEL - $0

CONTRACTUAL - $57,000

- **PARCEL ACQUISITION** **$57,000**

Funds are provided in support of agency efforts to bring viable proposals to the Council for consideration. Expenses such as title review, hazmat review and survey review and similar expenses are appropriate due diligence efforts which may be undertaken by sponsoring agencies under this program. The budgeted due diligence expenditures under contractual services are those contracted out by the agency as most efficient and/or cost effective. The purchase of any interest in land requires additional Trustee Council review and approval.

COMMODITIES - $0

EQUIPMENT - $0

AGENCY DISTRIBUTION

Cost Category	ADOL	ADNR	DOI-FWS	DOI-BLM	USFS	Total
Personnel	$46,398	$50,000	$25,000	$8,000	$0	$129,398
Travel	$0	$0	$0	$0	$0	$0
Contractual	$0	$40,000	$0	$4,500	$0	$44,500
Commodities	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0
Subtotal	$46,398	$90,000	$25,000	$12,500	$0	$173,898
GA - 9%	$4,176	$8,100	$2,250	$1,125	$0	$15,651
Component Total	$50,574	$98,100	$27,250	$13,625	$0	$189,549

TRUST AGENCY SUPPORT/PROJECT MANAGEMENT – $297,510

Cost Category	FFY11Total Budget	**FFY12 Total Budget**
Personnel	$311,719	$272,945
Travel	$0	$0
Contractual	$0	$0
Commodities	$0	$0
Equipment	$0	$0
Subtotal	$311,719	$272,945
GA - 9%	$28,055	$24,565
Component Total	$339,774	**$297,510**

($42,264 less than FFY11 due to reduction in funding for trust agency staff)

PERSONNEL - $272,945

Project Management - $200,145

Project Management funds provide lead Trustee Agencies with funds necessary to manage contracts and report on the status of projects; to facilitate communication between the agencies, Principal Investigators, and the Restoration Office; to assist with the annual financial audit; and perform other administrative functions necessary for implementation of projects authorized by the Trustee Council. Project management funds are also included below for management of multi-year projects that have been previously authorized. Additional funds (one month's salary per project managed – up to 12 months maximum) will be included in this approved budget to manage the new FFY12 projects once they have been approved. Carol Fries' costs moved to Habitat. USGS funding increased due to increase in number of projects managed.

DOI/USGS – Dede Bohn	$49,145
NOAA – Pete Hagen	$81,000
TOTAL	**$130,145**

Project Management: ADF&G Herring Program Coordinator - $70,000

This funding provides for 70% of an ADF&G position, such as a Biometrician III or Fisheries Specialist I, to coordinate with the Council's Herring program. This position will provide review and feedback to the Council and work with the Program to ensure coordination and relevancy with ADF&G resource management and Council goals.

ADF&G – RSA for 70% of Herring Program Coordinator Position	$70,000
TOTAL	**$70,000**

Project Management- FS - $22,000

This funding provides for administration of the issuance of special use permits for EVOSTC projects on Chugach National Forest lands. It includes the environmental assessment and tribal consultation work needed to issue special use permits related to EVOSTC projects within Prince William Sound. These funds also include development of the Minimum Guidance documents related to projects within the Prince William Sound Wilderness Study area.

DOI/USFS	$22,000
TOTAL	**$22,000**

TC Council Staff Support - $50,800

Trustee Council Staff Support funds cover staff costs related to preparing for, communicating with, and representation of the Trustee Agency at EVOSTC sponsored meetings or when participating in EVOSTC program activities, and providing future program direction, unless waived by the agency. Trustee Council members may request funding for their staff, if necessary.

ADF&G – Tom Brookover or other ADF&G staff	$10,000
USFS – Steve Zemke or other USFS staff	$9,100
DOI /FWS – FWS staff	$9,400
DOI/SEC – Federal Budget Officer – Bruce Nesslage	$22,300
TOTAL	**$50,800**

TRAVEL - $0

CONTRACTUAL - $0

EQUIPMENT - $0

AGENCY DISTRIBUTION:

Cost Category	ADEC	ADF&G	ADNR	DOI/USGS	USFS	NOAA	FWS	DOI/SEC	Total
Personnel	$0	$80,000	$0	$49,145	$31,100	$81,000	$9,400	$22,300	$272,945
Travel	$0	$0	$0	$0	$0	$0	$0	$0	$0
Contractual	$0	$0	$0	$0	$0	$0	$0	$0	$0
Commodities	$0	$0	$0	$0	$0	$0	$0	$0	$0
Equipment	$0	$0	$0	$0	$0	$0	$0	$0	$0
Subtotal	$0	$80,000	$0	$49,145	$31,100	$81,000	$9,400	$22,300	$272,945
GA - 9%	$0	$7,200	$0	$4,423	$2,799	$7,290	$846	$2,007	$24,565
Component Total	$0	$87,200	$0	$53,568	$33,899	$88,29 0	$10,246	$24,307	$297,510

ALASKA RESOURCES LIBRARY & INFORMATION SERVICES – $71,182 (ARLIS)

Cost Category	FFY11 Total Budget	**FFY12 Total Budget**
Personnel	$125,797	$65,305
Travel	$0	$0
Contractual	$0	$0
Commodities	$0	$0
Equipment	$0	$0
Subtotal	$125,797	$65,305
GA - 9%	$11,322	$5,877
Component Total	$137,119	**$71,182**

($65,937 less than FFY11 due to shifting librarian half-time costs to EVOSTC Administration category to support archiving activities)

PERSONNEL – $65,305

Position	Range/Step	Months	Monthly Cost	Annual Cost
Librarian III	19/N	6	$10,884	$65,305
	Personnel Total		$10,884	$65,305

Cost is with benefits.

Funding provides one .50 FTE librarian to meet the ongoing information and research needs of the Trustee Council staff, Public Advisory Committee, researchers, and the general public; manage the EVOS collection at ARLIS; and represent the Trustee Council on the ARLIS Management Team.

TRAVEL – $0

CONTRACTUAL – $0

COMMODITIES – $0

EQUIPMENT – $0

AGENCY DISTRIBUTION:

Cost Category	ADF&G
Personnel	$65,305
Travel	$0
Contractual	$0
Commodities	$0
Equipment	$0
Subtotal	$65,305
GA - 9%	$5,877
Component Total	$71,182