

*Please refer to the Reporting Policy for all reporting due dates and requirements.

1. Program Number: See, Reporting Policy at III (C) (1).

12120114-B

2. Project Title: See, Reporting Policy at III (C) (2).

Program coordination and logistics & outreach

3. Principal Investigator(s) Names: See, Reporting Policy at III (C) (3).

Molly McCammon, Alaska Ocean Observing System (AOOS) & Katrina Hoffman, Prince William Sound Science Center (PWSSC)

4. Time Period Covered by the Report: See, Reporting Policy at III (C) (4).

February 1, 2014-January 31, 2015

5. Date of Report: See, Reporting Policy at III (C) (5).

March 1, 2015

6. Project Website (if applicable): See, Reporting Policy at III (C) (6).

www.gulfwatchalaska.org

7. Summary of Work Performed: See, Reporting Policy at III (C) (7).

Program Coordination and Logistics

PWSSC issued and managed sub-award contracts for all non-Trustee Agency Long-term Monitoring (LTM) Year 3 projects. PWSSC monitored spending, fulfilled sub-award invoices, and completed the annual audit in November 2014. We contracted with Marilyn Sigman (UAF) to support outreach programming and coordination and extended outreach funding as directed by McCammon and the outreach steering committee. We submitted the semi-annual program report and the Year 4 *Exxon Valdez* Oil Spill Trustee Council (EVOSTC) work plans that were due by September 1, 2014. Principal Investigator (PI) meetings were held on a roughly quarterly basis as field seasons and PI schedules permitted. PWSSC coordinated logistics and processed expenses for the annual LTM PI meeting, which was held in Anchorage on November 18, 19 and 20, 2014. That fall meeting was coordinated in collaboration with the EVOSTC-funded Herring Research and Monitoring program annual meeting held November 21, 2014. Program component leads gave presentations on overall progress at the annual PI meeting and teams collaborated across projects and components to finalize content for the synthesis report. We also coordinated logistics for the January 19, 2015 LTM meeting at the Alaska Marine Science Symposium. We submitted all financial and project reports to NOAA and the EVOSTC as required.

The LTM Program Management Team, consisting of Molly McCammon, Kris Holderied, Katrina Hoffman and Tammy Neher, actively managed the program throughout the reporting year. The PMT met more than once per month, usually via teleconference. The PMT presented to the EVOS Public Advisory Committee on October 16, 2014 and the EVOS Trustee Council on November 19, 2014. As

needed, PMT teleconferences included members of the LTM Science Coordinating Committee (Hopcroft; Weingartner; Ballachey; Lindeberg) and data management team (Bochenek).

Outreach and Community Involvement

The Outreach and Community Involvement Steering Committee (which includes key outreach staff from AOOS, the PWSSC, Kachemak Bay Research Reserve, Alaska SeaLife Center, North Pacific Research Board, COSEE Alaska, NOAA and USGS) met informally throughout the year, and formally July 9 and August 5, 2014. Marilyn Sigman, a marine educator with Alaska Sea Grant is now providing some additional staff support to outreach efforts. During this reporting period, additions were made to the website, www.gulfwatchalaska.org and data portal, which serve as the primary outreach mechanism for the LTM program and data. Profiles of all LTM components were developed and printed, and will be available on the website as PDF documents.

As a follow-up to the Community-Based Monitoring (CBM) Workshop held April 1-2, 2014 and organized by AOOS and Alaska Sea Grant, a half-day work session was held April 3 with participants from the GWA region to discuss opportunities for CBM in the region. Participants included representatives of most of the currently active CBM projects, as well as village representatives. More than 30 people attended, and largely agreed that existing programs could be supported and enhanced before starting up any new programs. An informational webinar held in September 2014 about the LTM Program targeted Trustee Council agencies as part of an effort to reach out to management agencies.

KBRR sponsored three public Discovery Labs in Homer on August 6, 8 and 9, 2014 highlighting the impacts of lingering *Exxon Valdez* oil and attended by 243 people. Dr. Terri Klinger gave a public lecture in conjunction with the labs attended by 27 people. The PWSSC continued to host program researchers in its lecture series. Lectures this year featured GWA researchers John Moran and Mark Carls. Podcasts and radio programs are delayed due to some revisions in the program and staff turnover, but should be on track this coming year. The GWA Program was highlighted in several articles in the summer 2014 edition of Delta Sound Connections.

A new program to develop community-based films by local schools was piloted in Nanwalek and Tatitlek. Contracted by the PWSSC, Marie Acemah of See Stories (www.seestoriesconsulting.org) led youth film workshops in Nanwalek (December 2014) and Tatitlek (January 2015) and worked with ~7 middle and high school students in each school. She trained 7th – 12th grade students in film-making skills and supported each student in the creation of a 3 – 5 minute documentary film centered around themes of ocean health and natural and cultural impacts of the *Exxon Valdez* Oil Spill, and cultural practices related to ocean sciences and sustainability. Acemah also organized community-wide film screenings in both communities as a culminating event of the film workshops.

The committee approved contracting with the Alaska SeaLife Center to develop a kiosk display, program videos and a Virtual Field Trip in the coming year. Those activities are just beginning.

Deliverable/Milestone	Status
Subaward contract management & monitoring of spending	Contracts issued and managed to six organizations for nine subaward projects. All spending monitored.

Timely submission of narrative and financial reports	All reporting deadlines to EVOSTC and NOAA met in program year.
Conduct annual audit	Conducted at PWSSC in November 2014
Attend annual PAC meeting	Program management team members attended and presented at PAC meeting in October 2014
Formation of Science Review Panel	Completed during Year 3
Administration of travel expenses for annual PI meeting	Fulfilled by PWSSC
Administration of expenses for activities directed by the Outreach and Community Involvement committee	Fulfilled by PWSSC
Conduct annual PI meeting	Coordinated and held in November 2014
Attend AMSS	Robust attendance by GWA PIs & PI meeting held
Conference on community-based citizen science monitoring potential	Completed
Develop data visualizations for website	Website updates ongoing and visualizations and data accessible through Gulf of Alaska Data Portal.
Conduct Outreach & community involvement activities	Ongoing

8. Coordination/Collaboration: *See*, Reporting Policy at III (C) (8).

Item 8A) The involvement of the outreach entities active in the GWA region as well as the Program Management Team and Herring Research and Monitoring PI ensures that these activities are well coordinated within the GWA Program and with the HRM Program.

Item 8B) Outreach efforts are not directly coordinated with other EVOSTC funded projects, but we will reach out to them to explore possible synergies. Administration and logistics does not coordinate with other EVOSTC funded projects although we do stay peripherally informed of their activities due to our attendance of PAC and Trustee Council meetings.

Item 8C) Two trust agencies (NOAA and DOI) are active participants in the Outreach and Community Involvement Steering Committee and ensure that GWA activities are coordinated with other outreach activities conducted by their agencies. PWSSC regularly reports to and coordinates with NOAA for grants management purposes.

9. Information and Data Transfer: *See*, Reporting Policy at III (C) (9).

- Program update delivered by Holderied to a plenary audience at AMSS in Anchorage, January 20, 2015.
- Two-page spread on Gulf Watch Alaska in the 2014 science news magazine *Delta Sound Connections*
- GWA data available on Gulf of Alaska Data Portal at <http://data.aoot.org/maps/search/gulf-of-alaska.php>
- Program information available on the Internet at <http://www.gulfwatchalaska.org/>.

10. Response to EVOSTC Review, Recommendations and Comments: See, Reporting Policy at III (C) (10).

After review of the previous year's processes, we worked collaboratively with EVOSTC staff to ensure that our Year 4 proposals and synthesis report were responsive to EVOSTC staff direction and Science Panel requests. We continue to work closely with EVOSTC staff to refine reporting requirements as needed and seek clarity and streamlining around reporting requirements.

11. Budget: See, Reporting Policy at III (C) (11).

Several categories are underspent by more than 10% of the originally anticipated amount. Explanations are as follows:

Salaries: There have been multiple staffing transitions of administrative staff at PWSSC who implement this program, including the bookkeeper and administrative assistant. Some small gaps in spending occurred when a position was vacant. Additionally, new staff are earning at a lower rate than outgoing experienced staff. We anticipate spending as expected in this category.

Travel: Travel for outreach in the first three years of the program was light. Now that there are more results to report on, we expect that both scientists and outreach experts will disseminate the results of the work in relevant communities and at relevant scientific meetings. Additionally, the program's science review team was not convened in Year 1 as originally anticipated, but in Year 3. Travel and participation for those individuals will ramp up now that they are fully engaged in the program. Multiple outreach meetings have occurred virtually such as by teleconference in lieu of a face-to-face meeting.

Supplies: In anticipation of the need to purchase more expensive support items such as a server, funds were underspent in the first 3 years and spending is now catching up as those support items are purchased and installed.

Contractual: The majority of these funds are allocated to Outreach purposes. While outreach spending was lighter in the first 3 years, several major projects are now underway, including the community-based film making program led by See Stories, as well as kiosk display, program video and Virtual Field Trip creation by the Alaska SeaLife Center in the coming year. Those activities are just beginning and will represent major expenses in this category.

Subawards: Several of the subawards have not been billing on the schedule required by PWSSC. PWSSC has notified the University of Alaska Fairbanks (UAF) has not invoiced us for any expenses since the period ending in May 31, 2014 for Contracts 12-81-03(Weingartner), 12-81-06 (Konar) and March 31, 2014 for Contract 12-81-07 (Hopcroft). They have informed us that they are remedying the situation. Similarly, SAHFOS has failed to bill us for two consecutive years of work for Contract 12-81-04, LTM Monitoring of Zooplankton Populations. We have been informed that this is due to a

communication deficit on the part of the SAHFOS finance office, which did not notify PICES that payment was due on a quarterly basis. We have been informed that they will rectify this situation immediately. Lastly, the University of California Santa Barbara has neglected to bill us since January of 2014 for Contract 12-81-01, LTM - Collaborative Data Management to PI Matt Jones. Upon notification, they have indicated that they are putting a new system in place to ensure this oversight will not occur again and they promise to bill quarterly as agreed upon. The scientific work has been conducted by all the scientists represented by these three institutions. Once these three institutions rectify their outstanding invoicing situations, we expect cumulative expenses to be tracking as budgeted.

Budget Category:	Proposed FY 12	Proposed FY 13	Proposed FY 14	Proposed FY 15	Proposed FY 16	TOTAL PROPOSED	Actual Cumulative
Personnel	\$110.0	\$160.0	\$160.0	\$160.0	\$160.0	\$750.0	\$484.3
Travel	\$3.5	\$5.0	\$5.0	\$5.0	\$5.0	\$23.5	\$38.9
Contractual	\$118.5	\$103.0	\$125.0	\$103.0	\$125.0	\$574.5	\$230.0
Commodities	\$5.1	\$9.0	\$9.0	\$9.0	\$9.0	\$41.1	\$41.2
Equipment	\$22.0	\$2.0	\$5.5	\$7.0	\$5.5	\$42.0	\$16.5
Indirect Costs (will vary by proposer)							
SUBTOTAL	\$259.1	\$279.0	\$304.5	\$284.0	\$304.5	\$1,431.1	\$810.9
General Administration (9% of subtotal)	\$23.3	\$25.1	\$27.4	\$25.6	\$27.4	\$128.8	\$73.0
PROJECT TOTAL	\$282.4	\$304.1	\$331.9	\$309.6	\$331.9	\$1,559.90	\$883.9
All amounts are in thousands of dollars.							
Other Resources (in kind Funds)	\$274.0	\$274.0	\$274.0	\$274.0	\$274.0	\$1,370.0	\$548.0

COMMENTS: Annual in-kind contributions from USGS consist of staff time (Esler, Bodkin, Kloecker, Esslinger, Snedgen: \$60K), reduced charter costs (\$24K), use of equipment such as inflatables/outboards, GPSs, spotting scopes, field laptops, sounding equipment (eelgrass sampling), 10K. From NOAA: staff time & expenses (Lindeberg), 10K; from NPS: staff time (Coletti, Shephard, others), 120K, operations, 50K.

FY12-16

Program Title: 15120114-R Nearshore Monitoring
Team Leader: Ballachey & Dean

FORM 4A
TRUSTEE AGENCY
SUMMARY