



**Exxon Valdez Oil Spill Trustee Council**  
**General Restoration, Habitat Enhancement, Habitat Protection, and Facilities Projects**  
**Quarterly Project Reporting Form**

*\*Detailed instructions for each section below are given in Section II. Quarterly Project Reports in the Reporting Policy on the website, <https://evostc.state.ak.us/policies-procedures/reporting-procedures/>*

**Project Number:** 23220507

**Project Title:** Port Graham Corporation General Restoration and Habitat Protection

**Principal Investigator(s):**

Principal Investigator -Stephen (Steve) Colligan, 3GLP, Inc dba E-Terra & Precision Flight Devices and Port Graham – E-Terra JV

Principal in Charge-Jon Shepherd, Port Graham Corporation, President

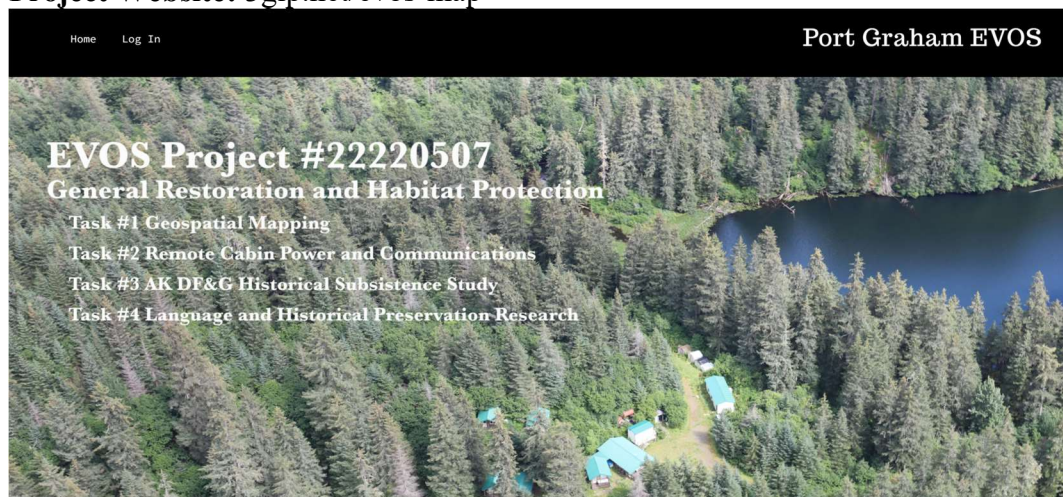
Project Finance- Renee Altman, Port Graham, Accounting Division Manager

**Reporting Periods and Due Dates:**

<i>Reporting Period</i>	<i>Due Date</i>
February, March, April	June 1
May, June, July	September 1
<b>August, September, October</b>	<b>December 1</b>
November, December, January	March 1

**Submission Date:** December 18, 2023, Updated Budget Section 5 2/15/2024

**Project Website:** [3glp.net/evos-map](http://3glp.net/evos-map)





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Please check all the boxes that apply to the current reporting period.

**Project progress is on schedule.**

PGC project team was successful in collecting and starting the processing of strategic LiDAR and Photogrammetry in Q3 of 2023. We were successful in capturing LiDAR and Photogrammetry data for the Village of Port Graham and Nanwalek and are between the villages where new airport is being planned and designed. However, due to the weather (persistent rain and fog) we were unable to collect data in the areas of Rocky Lake and Windy. More details are included in this report under task 1 update. We were able to complete the scanning of all Exxon Valdez records including documents, video, microfiche and maps. Alaska Department of Fish and Game, Subsistence Division has made significant progress on Subsistence Study Tasks.

**Project progress is delayed.**

Described in details of Task 1 LiDAR and Photogrammetry data collection in this report. We were consistently weathered out from areas around Windy Bay and Rocky Lake due to log fog, rain and wind. These collections will be rescheduled for the first available opportunity in FY24. These collection areas required for support of engineering and planning along the road system were in our secondary priority areas.

**Budget reallocation request.**

We are processing a budget reallocation request to move funding from “Contract” sub-Category to “Labor” Sub-Category. In our original plan we had budgeted Contracting for the processing and support of LiDAR and Photogrammetry data. We intended to contract through Port Graham E-Terra joint venture PG-ET. This change will take place at the beginning of FY24.

**Personnel changes.**

Renee M. Oltman, Accounting Division Manager  
Port Graham Corporation  
800 E. Dimond Blvd., Ste 3-550  
Anchorage, AK 99515-2060  
907.205.4284 Direct Line  
907.272.7432 Office



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907.278.7679 Fax  
renee@portgrahamcorp.com

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## **1. Summary of Work Performed:**

We had a successful FY23 Field Season, although we encountered yet again unprecedented weather challenges. We have made great progress on all sub-tasks outlined in this report but also supported by attachments: Attached is a progress slide deck presented to the PGC Board on October 17<sup>th</sup>. We are also excited about significant progress by AK DF&G Subsistence Division for completion of a historical report and the start of a new subsistence program. Report Attached.

We completed scanning and archive of Exxon Valdez Litigation records. The total amount of boxes of documents, video, microfiche, and maps was significantly more than anticipated. Archiving of Village Shareholder and Land Records in Port Graham remains for Q4 FY23.

Our project continues to update a video log of activities for this project. Individual items will be added to the project website Blog to post activities starting the end of data collection season.



<https://vimeo.com/835590002?share=copy>

PG-ET Document Archive Digitization ▶ 0 0

## **2023 high density Lidar acquisitions and processing:**



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LIDAR MAPPING IN PORT GRAHAM REGION



The project team had a successful field season and made significant progress. However, due to persistently cloudy weather conditions during our acquisition attempts in 2023, the areas of interest along the south-eastern part of the road could not be collected this year. The Port Graham-Nanwalek acquisition happened in marginal weather with clouds along the ridgeline but managed to acquire Lidar data for both villages and the airport project area in between.

LIDAR MAPPING IN PORT GRAHAM REGION



2023

EVOS Mapping Project Update

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A map overview of 2023 project areas below shows planned collection areas. Area in yellow shows area collected, areas in red will be scheduled for first available date in FY2024.

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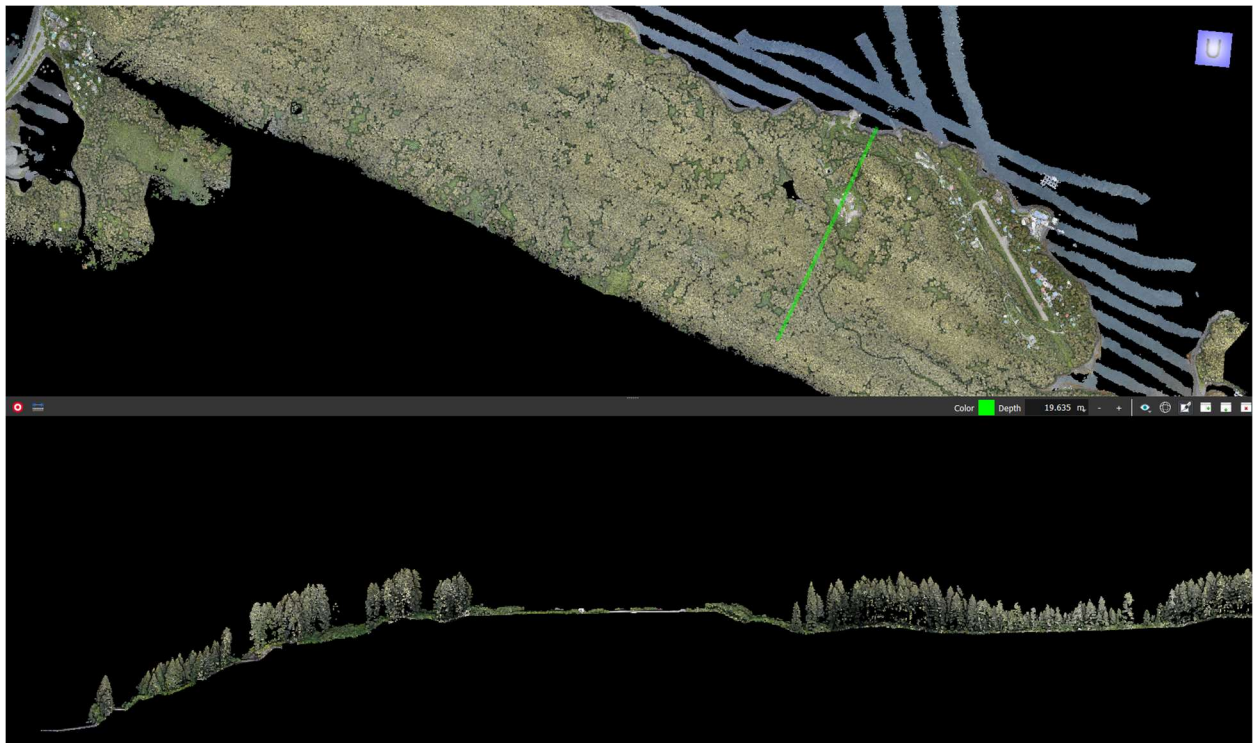
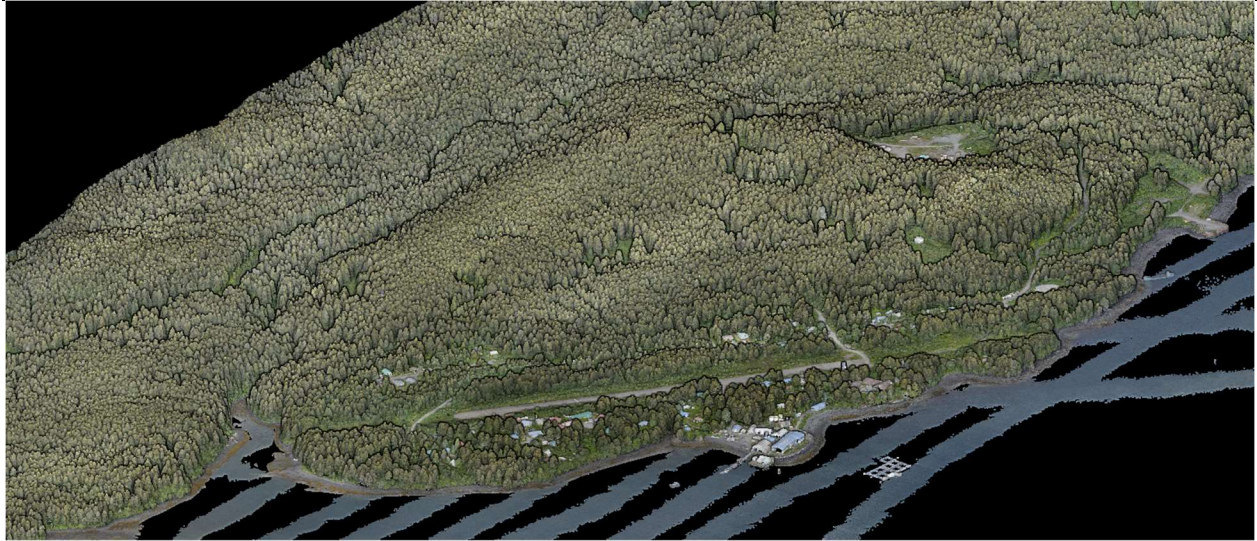
The acquisition was conducted with a high overlap between flight lines with the goal of maximizing the number of ground points even under forest cover. At the same time, a survey crew was operating a base station in Port Graham and surveying control points in the area. Point densities of over 80 points per square meter were achieved.

The Lidar data was processed with 6 surveyed ground control points, leaving 64 surveyed check points for the accuracy assessment.

Aerial imagery was collected with the Lidar data, serving to colorize the Lidar point cloud. It was also used to create a 4 cm resolution ortho mosaic of the area around Port Graham village. The Lidar data was classified to remove noise, and to classify ground to enable the generation of bare earth products like contour lines.



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**Records Scanning and Archiving:**

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Scanning and archiving of Exxon Valdez records has been completed, records returned to temporary storage until all parties have reviewed the digital distribution of files. PGC vacated the temporary project space that was leased for this sub-task. Digital records scanning still remains in Port Graham and is scheduled to take place in January 2024.

The project GIS team continues to compile Base Map information and integration of Cadastral Parcel Phase 1 data into Parcel Fabric, while also identifying additional areas of concern to be addressed with additional fieldwork efforts. We continue to coordinate with KPB GIS to coordinate parcel data integration as a permanent record into their Parcel Fabric dataset.



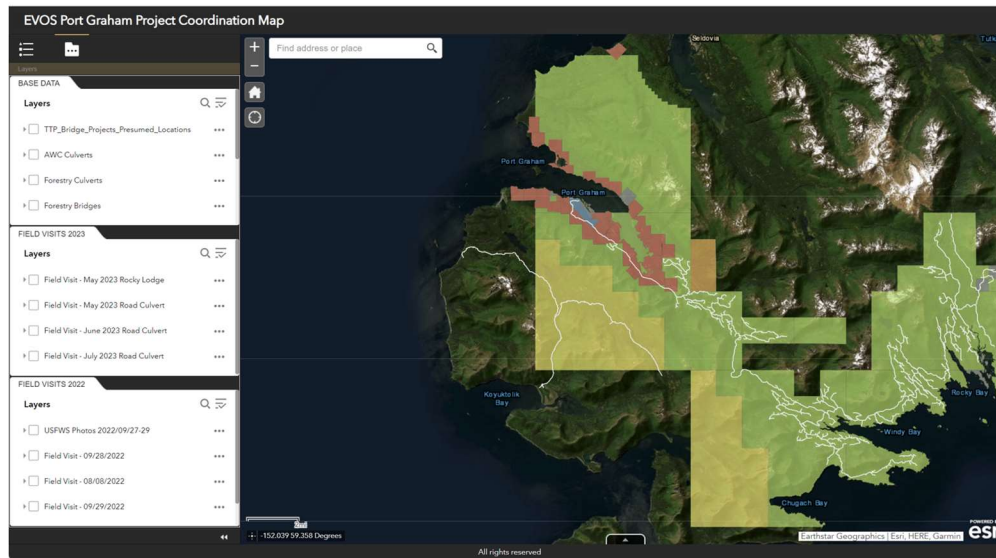
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**GIS Web Map Interface:**

The GIS Project team continues to populate the PGC GIS Portal and base map.

**PORT GRAHAM REGION GIS WEB INTERFACE**



2023

EVOS Mapping Project Update

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**Geospatial & Land Records Development:**

GIS Team continues to support the implemented ARC GIS Field Maps on mobile devices as a solution for common data collection by all teams.

**Hardware Software Infrastructure:**

We continue to support built out infrastructure to support operations. Computer equipment, software and IT network components have been installed. We continue to load data and develop software interfaces for PGC lands interface. Installation of Starlink antennas have improved bandwidth to Port Graham and project sites and will make possible deployment of services to the village.

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**Project Task 2: Power and Communication Support**

Field investigation and design started in July Y23. PGC has made significant progress on this task. Field work was initiated and Starlink satellite-based internet antennas have been a great asset in supporting field crews.





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**Project Task 3: ADF&G Historical Subsistence Study**

Great progress has been made and reported by ADF&G. The unfinished Historical Subsistence report was completed and attached, which is also published via ADF&G website. See as attachment.

Technical Paper No. 497

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**Subsistence Harvest and Use of Salmon in Nanwalek  
and Port Graham, Alaska, 2016 and 2017**

by  
Christian Woodard,  
Jacqueline M. Keating,  
Lauren A. Sill,  
and  
Margaret Cunningham

November 2023  
Alaska Department of Fish and Game      Division of Subsistence



ADF&G has initiated a new subsistence study originally scheduled for December of 2023 has been scheduled for January of 2024 due to a death in the village in November of 2023. Port Graham Corporation and Village Council have been assisting with the local coordination in Port Graham. See community flyer created by ADF&G attached. We look forward to successful participation and outcomes of this task in Q1 FY24.



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Did you hear?  
**Subsistence surveys are happening in January!**

**Employment Opportunity!**  
We are looking for local research assistants to help conduct surveys and local knowledge interviews starting on January 22. No experience necessary, paid training, and flexible hours!  
Contact Jackie Keating  
jacqueline.keating@alaska.gov  
(907) 444-6484

ADF&G is conducting household surveys to document the importance of wild resources to Port Graham residents. Surveyors will visit households in January, and households that complete a survey will be eligible for raffle prizes.  
Study results will document local knowledge, and help ensure reasonable opportunities for subsistence.

Join ADF&G and the Chugach Regional Resources Commission for a project information meeting on **Monday, January 22 at 6:00 pm** in the Community Center. Refreshments will be served!

This project is funded by the Exxon Valdez Oil Spill Trustee Council, and additional local knowledge interviews on moose health and habitat are funded by the Tribal Wildlife Grants program. This work is in partnership with the Port Graham Corporation and Chugach Regional Resources Commission (CRRC).  
Surveys are voluntary, confidential, and anonymous. For more information, call (907) 444-6484.

### **Project Task 4: Language and historical preservation research**

Contract support through Windy Bay Services is underway, with support services having been initiated to support In-Village activities, and coordination of resources. The local coordinator is facilitating work between Port Graham Village and Port Graham Corporation with ADF&G for New Subsistence Survey starting in Port Graham January 2024.



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**2. Abstract:**

**Project Task 1: Geospatial & Land Records Development**

PGC started data research and coordination to assemble a composite base map that will meet national mapping standards and be usable as a primary data source for the Port Graham Corporation region and land holdings.

The first sub-task is to compile and research available data for the Region and provide a GAP Analysis of available public, private and required geospatial data to support the long term needs of PGC operations.

Compile critical archive documents and land records.

Develop and train staff to use and maintain geospatial data records, operational documents and records retention.

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**Project Task 2: Power and Communication Support**

Remote Communications and Power at remote locations are critical for field support for the next 5 years.

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**Project Task 3: ADF&G Historical Subsistence Study**

Task to update ADF&G Historical Subsistence study database and report. Since the signing of the initial contract for this project, we have been in contact with ADF&G Substance Division, to update the timeline and expectation on this task. We will be following up with EVOS, ADF&G to determine how this task and funds flow back to the department to perform work identified in this task We will continue to facilitate this discussion and update in our next reports.

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**Project Task 4: Language and historical preservation research**

We have been in communications with Paluwik Heritage Foundation, the Port Graham non-profit. Much of this work is in the village in support of records research, Elder testimony of subsistence and other critical records contained in Exxon legal files. They will also assist in the coordination and facilitation for ADF&G in the village. This task will be timed and in coordination with Task 3 the ADF&G subsistence report.

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**3. Coordination and Collaboration:**

Q3 FY23 Update: PGC Project Team continues to participate in meetings, forums and cooperation with other entities/agencies. PGC project staff participated in the 2023 Alaska Geospatial Summit October 25-27<sup>th</sup>, working with project partners and learning about progress of other projects in the PGC geographic areas. Earlier in FY2023 we successfully negotiated agreements with the Kenai Peninsula borough for Aerial Photo and Parcel Fabric update work. We completed Phase 1 of parcel fabric update, and we coordinating final delivery to KPB.



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During FY2023 Q3, we added additional resources to coordinate efforts and participation in the village. Most importantly are communications between vendors and agencies working on other projects this season. PGC and Port Graham Tribe have been coordinating logistics and accommodations through Windy Bay Services as resources are limited in the village.

We have continued to meet with US Fish and Wildlife staff, road and infrastructure engineering firm RPK Engineering for the village and determined that we would take the lead on creating a web portal for these projects to coordinate field activities. Each project is in the field for different reasons and focus. All photos, video and data are being authored so that all parties can have updated information and have mutual benefit of each other's fieldwork.

Project GIS personnel have been working with AXIOM data librarian to create and update records in their data portal. Initial spreadsheet with inventory and assessment of available data was successfully uploaded in Q4FY22. We are preparing delivery of GIS features and updated GAP Analysis to Science Database through AXIOM.

**4. Response to EVOSTC Review, Recommendations and Comments:**

**5. Budget: Cumulative Spending & Budget Q1, February through Q3 October 2023**

23-Aug INV #17	23-Sep INV #18	23-Oct INV #19	Q3 FY23 Sub-Total	FY22 NCE Exp Thru Q3	FY23 Cu FY23	Remain Q3 2023	Overall Remaini Q3 FY23	Cumulative Total Q3 2023	5-YR TOTAL PROPOSED
\$ 106,900.00	\$ 100,800.00	\$ 107,358.65	\$ 315,058.65	\$ 861,778.95	\$ (120,574.95)	\$ (144,989.90)	\$ 1,760,645.90	\$ 3,839,268.00	
			\$ -	\$ 3,603.40	\$ 36,476.00	\$ 69,513.00	\$ 4,295.00	\$ 148,780.00	
\$ 44,408.66	\$ 29,074.57	\$ 11,241.39	\$ 84,724.62	\$ 163,362.95	\$ 475,000.00	\$ 874,724.55	\$ 325,550.45	\$ 1,425,000.00	
			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
\$ 16,989.00			\$ 16,989.00	\$ 109,944.35	\$ 35,000.00	\$ 221,358.94	\$ 512,041.06	\$ 818,400.00	
\$ 9,078.52	\$ 7,792.47	\$ 7,116.00	\$ 23,986.99	\$ 61,724.71	\$ 23,454.06	\$ 32,709.05	\$ 140,675.28	\$ 324,782.88	
							\$ -		
\$ 177,376.18	\$ 137,667.04	\$ 125,716.04	\$ 440,759.26	\$ 1,200,414.36	\$ 449,355.11	\$ 1,053,315.64	\$ 2,743,207.69	\$ 6,556,230.88	