

2024

Annual Report





Introduction

The Backhaul Alaska Program (BAP) is a statewide backhaul program developed and overseen by the Solid Waste Alaska Taskforce (SWAT). The Solid Waste Alaska Taskforce (SWAT) serves as the BAP executive committee and is comprised of representatives from AK DEC Solid Waste Program, ANTHC, Kawerak, and Zender Environmental. Zender Environmental currently carries out the Backhaul Alaska Program and acts as the Statewide Coordinator. The ultimate goal of the Program is to establish a statewide backhaul framework allowing all Alaska communities to efficiently and affordably backhaul harmful and potentially hazardous waste streams. Currently, the Program assists with rural communities' backhaul activities by providing training, supplies, technical and logistics support, onsite assistance, and sponsoring shipping and recycling services.

Background

The BAP Pilot Program was conducted in two phases spanning 2018-2021. Following the 4-year pilot phase, 2022-2023 were the first two years of the Program's "Initial Implementation" phase. A detailed summary of Program efforts during the pilot phase and subsequent initial implementation years can be found in BAP's 2022 and 2023 Annual Reports, respectively.

For 2024, the Program looked to build off the progress made in "hub and spoke" development, enroll additional communities, and continue the regional collection events. As performed in previous years, BAP looked to continue providing training opportunities, supplies, and technical assistance to rural Alaska communities looking to backhaul hard-to-manage materials such as e-scrap, lead acid batteries, and Universal Waste lamps.

Appendix A displays a map of how BAP categorizes Alaskan regions. *Appendix B* displays all the communities that BAP has worked with and are currently considered "enrolled" in the BAP (i.e. eligible to use BAP funds for supplies, shipping, and recycling).

Program Partnerships

REGIONAL BACKHAUL PARTNERSHIPS

BAP continues to maintain a close partnership with organizations that help facilitate backhaul activities on a regional level. Each organization provides a point-of-contact to act as a "Regional Coordinator" for the BAP. Regional coordinators act as liaisons between the Program and communities within their regions. Further, regional coordinators:

- Help coordinate backhaul activities and shipments
- Perform site visits to evaluate readiness, train local staff, and assist in backhaul activities
- Provide communities with technical assistance and backhaul needs and activities, as necessary
- Regularly report the backhaul activities and status to the BAP
- Participate in monthly regional coordinator meetings

In 2024, the following organizations act as BAP with regional coordinators:

- Aleutians - Qawalangin Tribe of Unalaska (Q-tribe)
- Bristol Bay/Lake and Penn – Bristol Bay Area Health Corporation (BBAHC)
- Norton Sound – Kawerak, Inc.



- Interior – Green Star of Interior Alaska
- Kodiak – Kodiak Area Native Association
- Y-K Delta – Zender Environmental

Beyond the regional coordinators listed above, additional coordination assistance has been provided by:

- Copper River Native Association (CRNA) – Glennallen/Copper River Valley
- Curyung Tribe – Dillingham/Greater Dillingham Area
- Valley Community Recycling Solutions (VCRS) – Palmer/Matsu Borough

BUSINESS PARTNERSHIPS

Major program contributions were received from Matson, Alaska Air Cargo, the Responsible Battery Coalition (RBC), Metro Metals Northwest (Metro), and Total Reclaim during 2024.

Matson

Since 2021, BAP has had the privilege of working with Matson and the Matson Caring for Alaska Program. Over the previous three years, freight donations through the Matson Caring for Alaska Program have resulted in:

- 18 shipments
- Over 356,000 lbs of materials backhauled and recycled
- Serving 48 communities

In 2024, Matson’s Caring for Alaska Program provided the BAP with additional freight donations. These donations were utilized by the BAP in the following manner:

- 1 Kodiak freight donations – 40ft containers
- 2 Unalaska freight donations – 40ft containers
- 6 Port of Anchorage freight donations – 40ft containers
 - 3 utilized in Glennallen, AK
 - 1 utilized for separate 4 Matsu Borough Collection Events
 - Talkeetna/Upper Susitna, AK
 - Big Lake, AK
 - Sutton, AK
 - Willow, AK
 - 1 utilized in Tetlin, AK
 - 1 utilized in Delta Junction, AK

Roughly 169,000 lbs of recyclables were backhauled through Matson freight donations in 2024. Over 545,000 lbs of material has been shipped through the Matson Caring for Alaska program since 2021.



Responsible Battery Coalition (RBC)

RBC is a nonprofit coalition of battery manufacturers, retailers, and recyclers who are committed to the responsible management of end-of-life batteries. The partnership between the BAP and RBC initiated during the Pilot Program and has grown ever since. Currently RBC provides the following:

- Donated shipping from Kodiak, Seattle and Tacoma (pickup service)
- Donated lead acid battery packaging kits
- Facilitating recycling services from responsible and trusted battery processors
- Funding for PSA and other outreach and media opportunities
- Providing donations based off the core value of lead acid batteries received by RBC partners
- Ongoing logistical and technical assistance

Coming into 2024, roughly 293,000 lbs of lead acid batteries have been recycled through RBC vendors since the partnership's inception. BAP recycled an additional 65,000 lbs through RBC partners in 2024.

Metro Metals, Northwest

Metro is one of the largest e-scrap processors in the Pacific Northwest and has been a BAP vendor and partner since the Pilot Program. Relevant to their e-scrap processing operation, Metro holds current R2, ISO14001, and ISO45001 certificates. Beyond recycling services for e-scrap, appliances, and scrap metal, Metro provides additional support including, but not limited to the following:

- Feedback on BAP shipping and packaging practices
- Assisting/facilitating regional supply purchases and shipments
- Participating in BAP trainings and collection events
- Forwarding of other recyclable materials to appropriate vendors
- Donated trucking services
- Providing logistical and technical support
- Hosting BAP staff and allowing tours at the Metro Tacoma and Vancouver, WA facilities

BAP recycled an additional 211,000 lbs through Metro Metals in 2024. Roughly 700,000 lbs of backhaul materials have been recycled through Metro Metals since the partnership's inception (i.e. 2018).

Kawerak – Alaska Airlines In-Kind Backhaul Program

In fall of 2022, Kawerak and Alaska Air Cargo trialed backhauling palletized e-scrap in lieu of water ballasts. The trial was deemed successful and in May 2023, Alaska Air Cargo began regularly backhauling shipments of e-scrap from Nome to Anchorage. Activities paused in late fall and recommenced in May of 2024. A summary of 2024 activities are as follows:

- The backhaul period ran May through December 2024
- Kawerak delivered roughly two pallets a week to Alaska Air Cargo at the Nome airport for subsequent backhaul (space available)
- Kawerak notified Backhaul Alaska of pending shipments and airway bill numbers through the Survey123 app
- Upon arrival in Anchorage, Backhaul Alaska staff would either pick up and deliver e-scrap pallets to Central Recycling Services (CRS) in Anchorage or arrange for CRS to pick up the pallets
- In 2024 there were 26 shipments totaling 39,505 lbs of e-scrap



- Backhaul Alaska covered the pickup and recycling expenses for each shipment
- Alaska Air Cargo indicated it was willing to continue the in-kind backhaul services through 2025

Total Reclaim

Total Reclaim (TRI) is a recycler of e-scrap, refrigerant, batteries, UW lamps, and mercury bearing devices. TRI has been a partner since the development stage of the BAP. Beyond recycling services, TRI has provided BAP with the following:

- Assisting with supply purchases and shipments
- Donations of drums, labels, pallets, and other packaging supplies
- Providing free facilities for BAP backhaul, HazMat, and refrigerant recovery trainings
- Participating in BAP trainings
- Ongoing technical assistance
- Periodic in-kind household battery and UW lamp recycling

ADDITIONAL PROGRAM SUPPORTERS

The BAP has continued to benefit from the ongoing funding and support of a wide range of organizations including the EPA, BIA, USDOT-PHSMMA, USDA, and Denali Commission.

Ongoing Program support is received by AK DEC Solid Waste Program, ANTHC, Kawerak, and Zender Environmental. Many other companies, organizations, and groups have supported Program efforts in various aspects.

Summary of 2024 Backhaul and Recycling Activities

2024 COMMUNITIES SERVED

Appendix C and D displays a map and list of communities the BAP worked with in 2024.

Some focuses of the BAP in 2024 were to:

- Further develop and utilize regional hubs in attempt to establish long term backhaul services, including the following:
 - Utilize Dillingham landfill storage area for consolidating areawide e-scrap and universal waste shipments.
 - Work with communities along Lake Iliamna and Lake Clark to begin establishing a consolidation point in Iliamna or Homer (or both).
 - Utilize Bering Air and Alaska Air Cargo in-kind shipments for facilitating Bering Straits region e-scrap shipments to Anchorage.
 - Expand on road system collection events
- Utilize all Matson freight donations out of the Port of Anchorage



- Trial marine debris shipments:
 - See through the Port Heiden marine debris shipment (barge canceled last minute in 2023).
 - Assess feasibility of using Ocean Plastics Recovery (OPR) in Kodiak as a marine debris vendor.
 - Identify other marine debris accumulations to assist backhaul efforts with.
- Continue providing regional supply shipments to reduce overall supply costs and include bulk packaging materials.
 - Utilize Metro Metals for supply consolidation from WA vendors.
 - Utilize Metro Metals cheap costs for gaylord boxes and supersacks.
 - Ship regional bulk supplies to hubs in 20ft containers.
 - Supplies are to be used for regional collection and distribution to outlying communities.
 - Obtain warehouse space in Anchorage to expand supply storage capacity.
- Begin addressing increase volumes of lithium and lithium-ion batteries.

BAP services were offered, either directly or indirectly (through regional backhaul programs or collection events), to 68 communities in 2024. To date, BAP has been able to offer backhaul services in 97 communities.

SUPPLIES

Backhaul packaging and safety supplies are offered to all newly enrolled communities. In general, standard BAP initial supplies include the following materials:

<u>PPE</u>	<u>QTY</u>	<u>Packaging Materials</u>	<u>QTY</u>
Safety Glasses	10	Vermiculite (or equivalent)	1
Work Gloves (Medium and Large)	6	Stretch Wrap (Box of 4 Rolls)	1
Chemical Gloves (Medium and Large)	6	Tape Gun	1
Chemical Apron	3	Packaging Tape (3 Rolls)	1
First Aid Kit	1	Banding Kit – Banding	1
Splash Goggles	3	Banding Kit – Tensioner	1
Nytrile Gloves (Box of 100)	2	Banding Kit – Banding Clips	1
<u>Labels</u>	<u>QTY</u>	Fish Tote (when available)	1
#8 Corrosive Labels (Roll of 500)	1	Fluorescent lamp boxes (as needed)	-
UW Labels (Pack of 200)	1	Drums (as needed)	-
Materials for Recycle Labels (25)	1	Pallet Jack (as needed)	-
Backhaul Alaska Stickers (25)	1	Lead Acid Battery Packaging Kits (aka “Core Kits” – provided by RBC, as needed)	-
#8 Corrosive Placards (pack of 25)	1		

Additional supplies are provided upon request and Program approval.

Previously enrolled communities needing additional supplies were served either through the hub supplies provided to Regional Coordinators or by directly requesting from the Program.



Further, two “hub” supplies were shipped to Nome and Fairbank in 20ft containers. Both hub supply containers were shipped from Washington and included bulk packaging material (gaylord boxes and supersack) at a significantly reduced rate. BAP aims to outfit all hubs with partnering organizations in 2025.

BAP leased a warehouse in Anchorage and also purchased a 20ft storage connex resulting in a greatly expanded capacity to order, house, and distribute supplies to communities on a “as needed” basis. Further, BAP looks to develop recycling kits for lead acid batteries and lithium-type batteries.

TRAINING

In 2024 BAP continued to provide trainings that cover backhaul best practices, safety, and HazMat Regulations. The Program has provided seven Backhaul and HazMat Regulation (HMR) training opportunities in 2024 (one of which was conducted virtually) and also provided the same training content at the annual Rural Alaska Community Environmental Job Training (RACEJT) Program. Below is a summary of training efforts:

2024 Backhaul and HazMat Regulation Trainings		
Date	Training	Trainee Count
Mar 21-25	Anchorage – RACEJT Backhaul and HMR Training	11
Mar 7-9	Anchorage – Statewide Backhaul and HMR Training	24
Jun 10-11	Anchorage – AK DEC HW Program ¹ Backhaul and HMR Training	7
Jun 17-18	Kluti-Kaah – CRNA ² Regional Backhaul and HMR Training	16
Jun 25-27	Anchorage – NIC ³ Regional Backhaul and HMR Training	10
Aug 21-23	Kodiak – KANA ⁴ Regional Backhaul and HMR Training	8
Aug 27-29	Bethel – Regional Backhaul and HMR Training	10
Nov 19-21	Virtual – Statewide Backhaul and HMR Training	26
Total Trainees		112

¹ – State of Alaska, Department of Environmental Conservation, Hazards Waste Program

² – Copper River Native Association

³ – Nelson Island Consortium

⁴ – Kodiak Area Native Association



Backhaul and HazMat Regulation Training Participants by Alaskan Communities

Aleutians		Lakes (Iliamna)	
Atka	2	Iliamna	2
King Cove	2	Pedro Bay	2
Unalaska	1	Port Alsworth	1
Regional Total	5	Regional Total	5
Bering Strait		Northern Road	
Koyuk	1	Tetlin	3
Nome	1	Regional Total	3
Shaktoolik	1	NW Arctic	
Stebbins	2	Deering	2
White Mountain	1	Regional Total	2
Regional Total	6	Southeast	
Bristol Bay - Lake and Penn		Pelican	1
Manokotak	2	Regional Total	1
New Stuyahok	1	Southcentral	
South Naknek	2	Anchorage	9
Togiak	3	Wasilla	2
Regional Total	8	Regional Total	11
Copper River Valley		Y-K Delta	
Gakona	7	Akiak	1
Glennallen	1	Atmautluak	1
Gulkana	1	Bethel	1
Kluti-Kaah Village	5	Chefornak	6
Mentasta Lake	2	Emmonak	3
Regional Total	16	Kasigluk	1
Interior		Kipnuk	1
Allakaket	1	Kongiganak	3
Holy Cross	1	Kotlik	4
McGrath	1	Lower Kalskag	2
Regional Total	3	Napakiak	1
Kodiak		Napaskiak	3
Karluk	1	Newtok	1
Kodiak	1	Nightmute	2
Larsen Bay	2	Nunam Iqua	2
Old Harbor	2	Pilot Station	5
Ouzinkie	2	Russian Mission	2
Regional Total	8	Scammon Bay	2
		Toksook Bay	1
		Tununak	2
		Regional Total	44
		Total Trainees	112



SITE VISITS

The BAP performs site visits to select communities throughout the backhaul season. In general, BAP community site visits are conducted to assess, document, and assist with the following aspects:

- Determine current status of backhaul activities
- Obtain and/or confirm communities' inventory of program materials
- Assess community capacity and means of collection and storage
- Ensure necessary labels, supplies, and PPE are available
- Assist in collection and packaging of program materials, as necessary
- Provide additional training (including elements of the DOT HMR training) for those performing BAP activities, if needed
- Provide guidance and technical assistance to ensure completion of backhaul activities, as needed

The table below provides a summary of 2024 site visits:

Date	Community	BAP Coordinator Present
4/9/2024	Fairbanks (Collection Event)	Reilly Kosinski (BAP Coordinator) Joe Torma (Regional Coordinator)
4/20/2024	Talkeetna	Derrick Spoelman (BAP Coordinator) Lepani Nadore (BAP Coordinator)
5/17/2024	Naknek	Reilly Kosinski (BAP Coordinator)
5/29/2024	Nome	Derrick Spoelman (BAP Coordinator) Vanessa Tahbone (Regional Coordinator)
6/3/2024	Klukwan	Reilly Kosinski (BAP Coordinator)
6/13/2024	Newhalen	Karla Jensen (BAP Coordinator)
6/13/2024	Tetlin	Reilly Kosinski (BAP Coordinator)
6/13/2024	Nelson Lagoon	Derrick Spoelman (BAP Coordinator)
6/14/2024	Iliamna	Karla Jensen (BAP Coordinator)
6/18/2024	Deering	Lepani Nadore (BAP Coordinator)
6/20/2024	McCarthy	Reilly Kosinski (BAP Coordinator)
6/20/2024	Shungnak	Lepani Nadore (BAP Coordinator)
7/9/2024	Hooper Bay	Lepani Nadore (BAP Coordinator)
7/11/2024	Marshall	Lepani Nadore (BAP Coordinator)
7/16/2024	Nightmute	Evelyn Agnus (BAP Coordinator) Jasmine Perea (BAP Coordinator)
7/18/2024	Glennallen (Collection Event)	Reilly Kosinski (BAP Coordinator), Lepani Nadore (BAP Coordinator)
7/20/2024	Talkeetna (Collection Event)	Lepani Nadore (BAP Coordinator), Joanna Kelly (BAP Coordinator)
7/26/2024	Willow (Collection Event)	Lepani Nadore (BAP Coordinator), Evelyn Agnus (BAP Coordinator)
8/3/2024	Big Lake (Collection Event)	Reilly Kosinski (BAP Coordinator) Lepani Nadore (BAP Coordinator) Evelyn Agnus (BAP Coordinator) Jasmine Perea (BAP Coordinator)
8/8/2024	Unalaska (Collection Event)	Reilly Kosinski (BAP Coordinator)



Date	Community	BAP Coordinator Present
8/11/2024	Sutton (Collection Event)	Derrick Spoelman (BAP Coordinator) Lepani Nadore (BAP Coordinator)
8/12/2024	Pelican	Reilly Kosinski (BAP Coordinator)
8/23/2024	Kodiak (Collection Event)	Reilly Kosinski (BAP Coordinator) Lepani Nadore (BAP Coordinator)
9/10/2024	Klukwan	Reilly Kosinski (BAP Coordinator)
9/16/2024	Hooper Bay	Lepani Nadore (BAP Coordinator)
9/17/2024	Nightmute	Evelyn Agnus (BAP Coordinator)
9/18/2024	Klukwan	Reilly Kosinski (BAP Coordinator)
9/24/2024	Tetlin	Derrick Spoelman (BAP Coordinator) Lepani Nadore (BAP Coordinator)
9/26/2024	Delta Junction (Collection Event)	Derrick Spoelman (BAP Coordinator) Lepani Nadore (BAP Coordinator) Evelyn Agnus (BAP Coordinator)
10/9/2024	Kotlik	Lepani Nadore (BAP Coordinator) Evelyn Agnus (BAP Coordinator)

Staff turnover is a common occurrence in rural communities, including in BAP communities. Due to new individuals performing Backhaul Alaska activities (either through turnover or additional staff that were unable to attend a BAP training), onsite, training can be provided during site visits. Additionally, those who have attended a virtual or in-person BAP training indicated refresher trainings and hands-on practice was very beneficial, especially in their home setting.

The training provided during site visits were tailored to the immediate needs of the community. Often, training included (but not limited to) the following:

- Best practices in collection and storing program material
- General packaging guidelines (lead acid batteries, fluorescent lamps, scrap electronics, and in some cases household batteries)
- Proper marking and labeling
- Material loading and placarding
- Completing shipping paperwork

HUB DEVELOPMENT

Using a hub and spoke model (similar to Kawerak’s regional backhaul program), the BAP has been working with Regional Coordinators and other regional partners to establish collection hubs within various Alaska regions. BAP hub development efforts are summarized below:



Kodiak

- The 4th annual regionwide public collection event was held in partnership with KANA.
- KANA has continued ongoing collecting and storing incoming e-scrap, lamps, and batteries from the communities off the road-system.
- KANA received an additional 20ft container for storage to supplement the 40ft container already being utilized at Saint Herman Boat Ramp on Near Island.
- All 6 Kodiak communities located off the road system are continuing to participate in the Program. KANA facilitates the packaging and shipping of the collected materials in conjunction with an annual collection event.
- KANA is still pursuing the backhaul of HHW from outlying communities to Kodiak for management by the borough.
- Ocean Plastics Recovery has begun taking in marine debris for processing (roughly a \$1/lb processing fee).
- In 2025 BAP aims to:
 - Partner with KANA on a regional backhaul event
 - Support KANA HHW collection and backhaul efforts
 - Take advantage of opportunities to backhaul derelict nets and marine debris to Kodiak
 - Coordinate an additional 20ft container shipment of hub supplies (PPE and packaging materials) for regional use

Dillingham

- Currently a partnership between Curyung, BBAHC, BBNA, Dillingham Friends of the Landfill, and the City of Dillingham, the Backhaul Alaska Program helped facilitate the backhaul of collected materials.
- BAP purchased three 20ft containers (two for Curyung and one for BBAHC) for regional recycling and supply storage.
- Areawide collection and consolidation is still available to communities within the greater area such as Aleknagik, Ekwok, New Stuyahok, Koliganek, and Clark's Point. BBAHC and Curyung oversee collection and consolidation activities.
- A continuing effort to package and ship all landfill collection connexes (e-scrap, UW lamps, and paint products) was undertaken throughout the backhaul season. The paint and an additional 20ft container worth of e-scrap is remaining.
- In 2025 BAP aims to:
 - Conduct a regional Backhaul and HazMat Regulation training in Dillingham
 - Strengthen the greater-area collection efforts
 - Finish assisting with the cleanout of landfill connexes, including the leftover paint
 - Coordinate an additional 20ft container shipment of hub supplies (PPE and packaging materials) for regional use
 - Expand Alaska Air Program to Dillingham

Unalaska

- The fourth public collection event was conducted at the Qawalangin Tribe facility
- Qawalangin Tribe has continued ongoing collecting of e-scrap, lamps and lead acid batteries along with general recyclables (cardboard, aluminum cans, plastic bottles and glass bottles)



- Continued collecting community e-scrap from the landfill. The BAP Regional Coordinator with the Qawalangin Tribe provides gaylord boxes to landfill staff. Once full the City of Unalaska drops off full gaylords of e-scrap.
- In 2025 BAP aims to:
 - Partner with Qawalangin Tribe on a backhaul event.
 - Restock backhaul supplies, including bulk packaging materials (gaylords and supersacks) to Qawalangin Tribe.
 - Support Qawalangin Tribe, as needed, on logistics and SWIFR implementation.

Nome

- Kawerak has continued their long history of consolidating and backhauling materials regionwide.
- BAP furnished a 20ft container worth of regional backhaul supplies to Kawerak.
- The Alaska Air Cargo in-kind backhaul program has conducted through 2024 and will continue through 2025.
- Additionally, Kawerak, Inc. has continued collecting and facilitating the recycling of lead acid batteries, household batteries, UW lamps, and scrap metal.
- In 2025 BAP aims to:
 - Continue supporting Kawerak's regional backhaul program
 - Assist Kawerak's efforts with household battery and HHW management.
 - Coordinate an additional 20ft container shipment of hub supplies (PPE and packaging materials) for regional use.

Fairbanks

- BAP furnished a 20ft container worth of regional backhaul supplies to GSIA
- BAP assisted with forwarding materials from the Denali Borough and arriving in Nenana to GSIA in for recycling.
- In 2025 BAP aims to:
 - Conduct a regional Backhaul and HazMat Regulation training in Fairbanks.
 - Further establish collection and forwarding points along the road system outside Fairbanks North Star Borough. Specifically, continue current practices in Nenana and within the Denali Borough, as well as work toward similar collection points in Delta Junction and Tok.
 - Support GSIA community outreach efforts to Interior communities.
 - Coordinate an additional 20ft container shipment of hub supplies (PPE and packaging materials) for regional use.

Glennallen

- The third regionwide public collection event was held in Glennallen in partnership with the Copper River Native Association (CRNA) and Recycling Our Area Resources (ROAR).
- The 2024 collection expanded the scope to allow the general public along with the tribes from the outlying communities to bring in household appliances including refrigerators and freezers. BAP staff provided refrigerant recovery services for the refrigerators and freezers.
- Three full 40ft containers were loaded and shipped utilizing Matson Caring for Alaska freight donations.
- In 2025 BAP aims to:



- Coordinate a 2025 collection event with a similar scope.
- Expand the reach to better include the outlying communities of Chitina and McCarthy.
- Assess feasibility of providing regional backhaul supplies and PPE.
- Assess feasibility of backhauling HHW from CRNA affiliated communities.

2024 BACKHAUL ACTIVITY

2024 BACKHAUL SUMMARY

In 2024 BAP oversaw the backhaul of roughly 550,000 lbs of material. Appendix E provides greater detail regarding backhauled quantities and funding sources.

CONTROL TOWER

The Control Tower manages the overall movement of Backhaul Alaska material. General responsibilities of the Control Tower entity include the following:

- Coordinate the logistics of backhaul materials between communities and recycling vendors.
- Utilize information provided by BAP staff and Regional Coordinators to determine the most efficient and cost-effective method of transport on local and regional levels.
- Regularly report the status of activities to BAP staff and Regional Coordinators.

Backhaul Alaska completed control tower responsibilities “in house” during 2024. The Program anticipates control tower activities will be conducted internally 2025 as well.



PACKAGING VALIDATION

BAP didn't make a packaging validation trip to vendors in Washington in 2024 but will in 2025. Some general feedback from various vendors (both transportation and end destination) received in 2023 is as follows:

Metro Metals, NW (e-scrap recycling vendor in Tacoma and Vancouver, Washington)

- Packaging in general has been good. No incidents of falling apart packages, nonconforming materials, or miscategorized items.
- Suggested continuing using CRS for e-scrap that is recycled in Anchorage (Metro is their downstream processor).

Central Recycling Service (e-scrap and scrap metal recycling vendor in Anchorage, Alaska)

- Universal Waste labels were being used on pallets of e-scrap when they are not needed.
- Packaging in general has been good. No incidents of falling apart packages, nonconforming materials, or miscategorized items.
- Prefer to receive e-scrap in gaylords, when possible.

Alaska Marine Lines (Barge Vendor)

- No comments or recommendations.

Matson (Barge Vendor)

- No longer allow any Lithium/Li-Ion batteries contained in any e-scrap. All lithium-type batteries need to be removed prior to packaging and shipment.

Sourdough Express (Alaska Trucking Vendor)

- No comments or recommendations.

Iliamna Development Corporation (Transporter of Lake Clark and Lake Iliamna material via barge and truck to Homer, AK).

- No comments or recommendations.



Appendix

The following can be found within this appendix:

Appendix A – Alaska Map: Backhaul Alaska Regions

Appendix B – Alaska Map: BAP Communities through 2024

Appendix C – Alaska Map: 2024 Communities/Service Area

Appendix D – Table: 2024 Communities and Service Areas

Appendix E – Table: 2024 Backhaul Summary

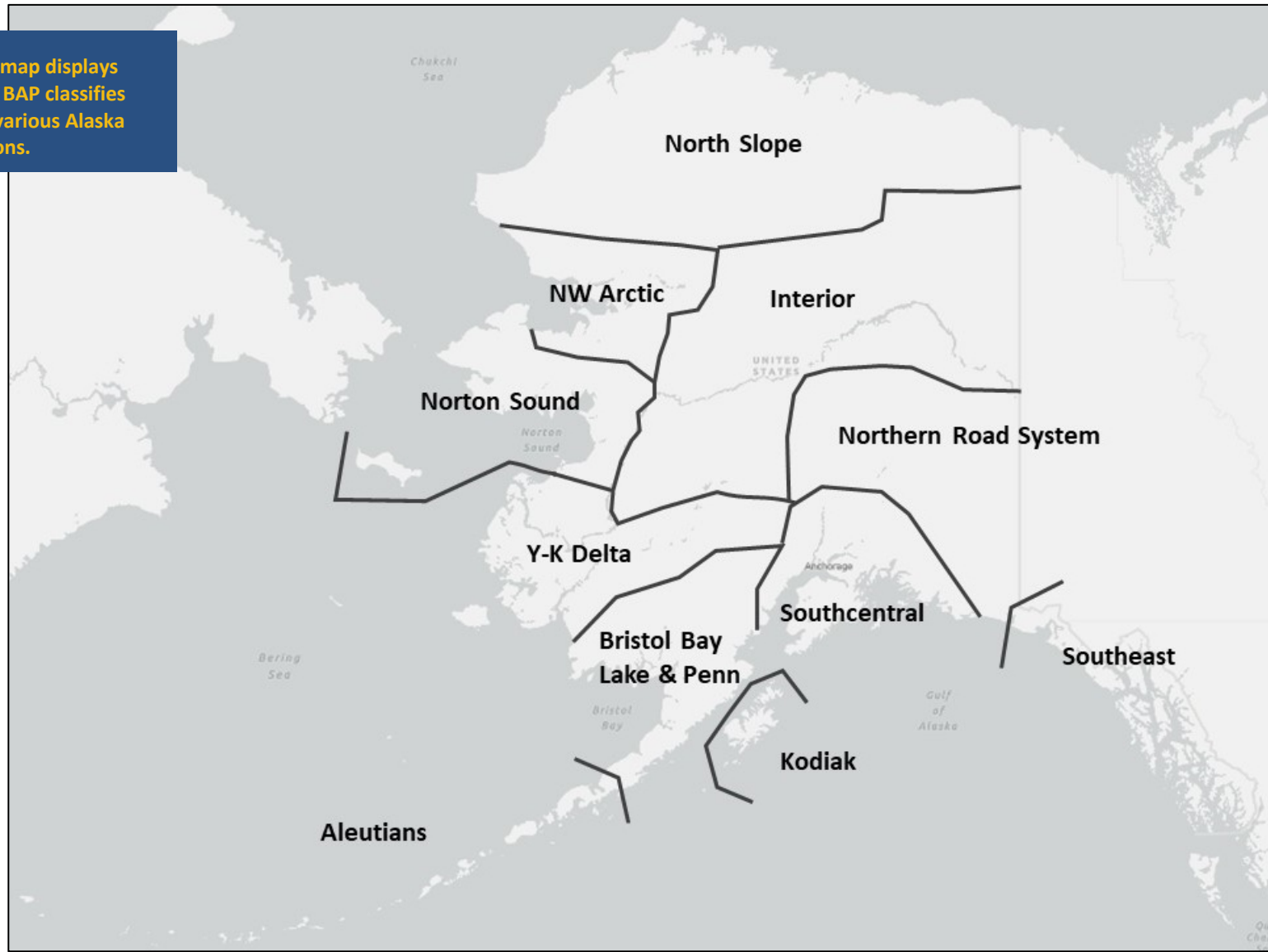
Appendix F – Select Site Photos



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Appendix A – Alaska Map: Backhaul Alaska Regions

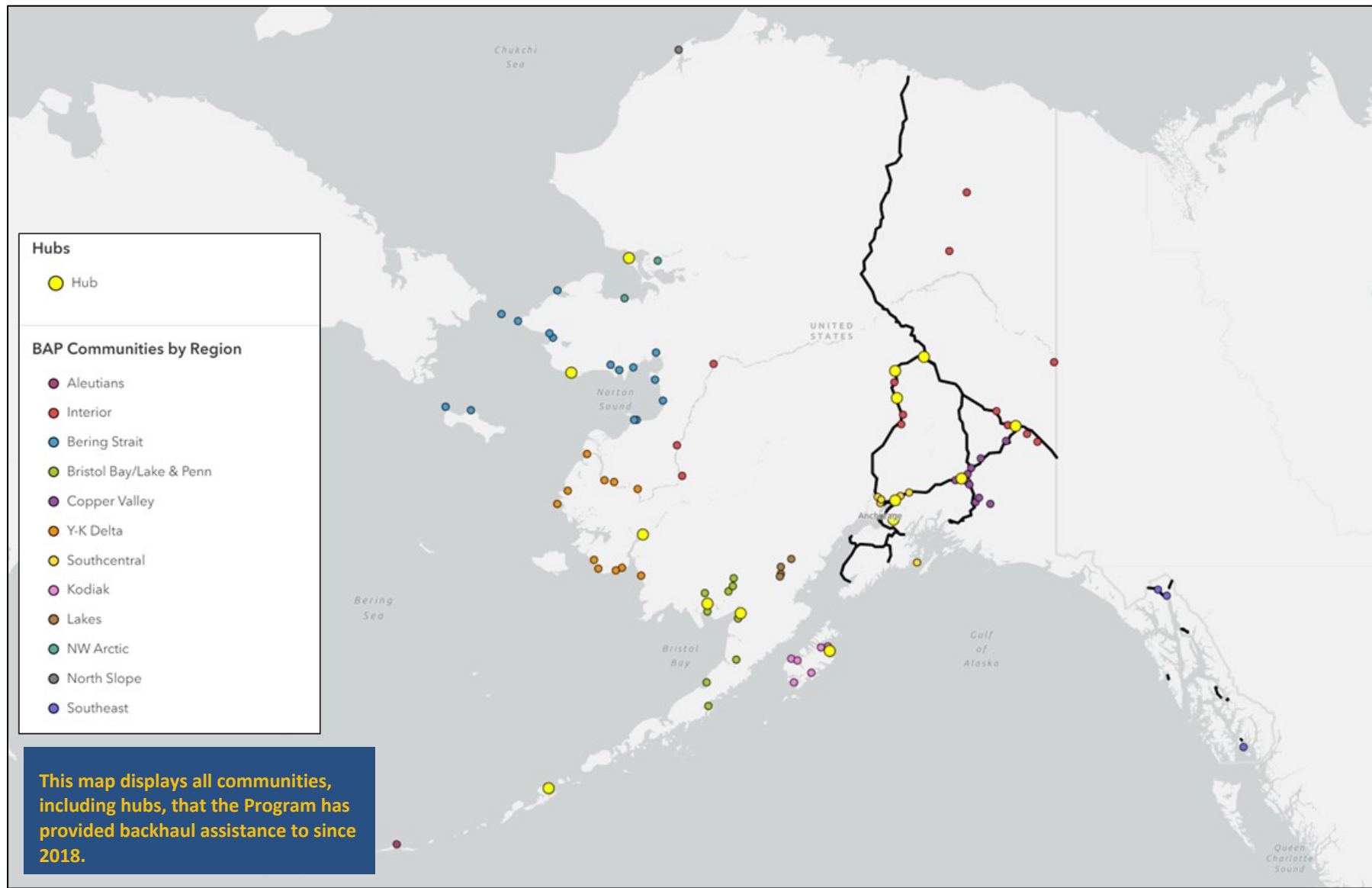
This map displays how BAP classifies the various Alaska regions.





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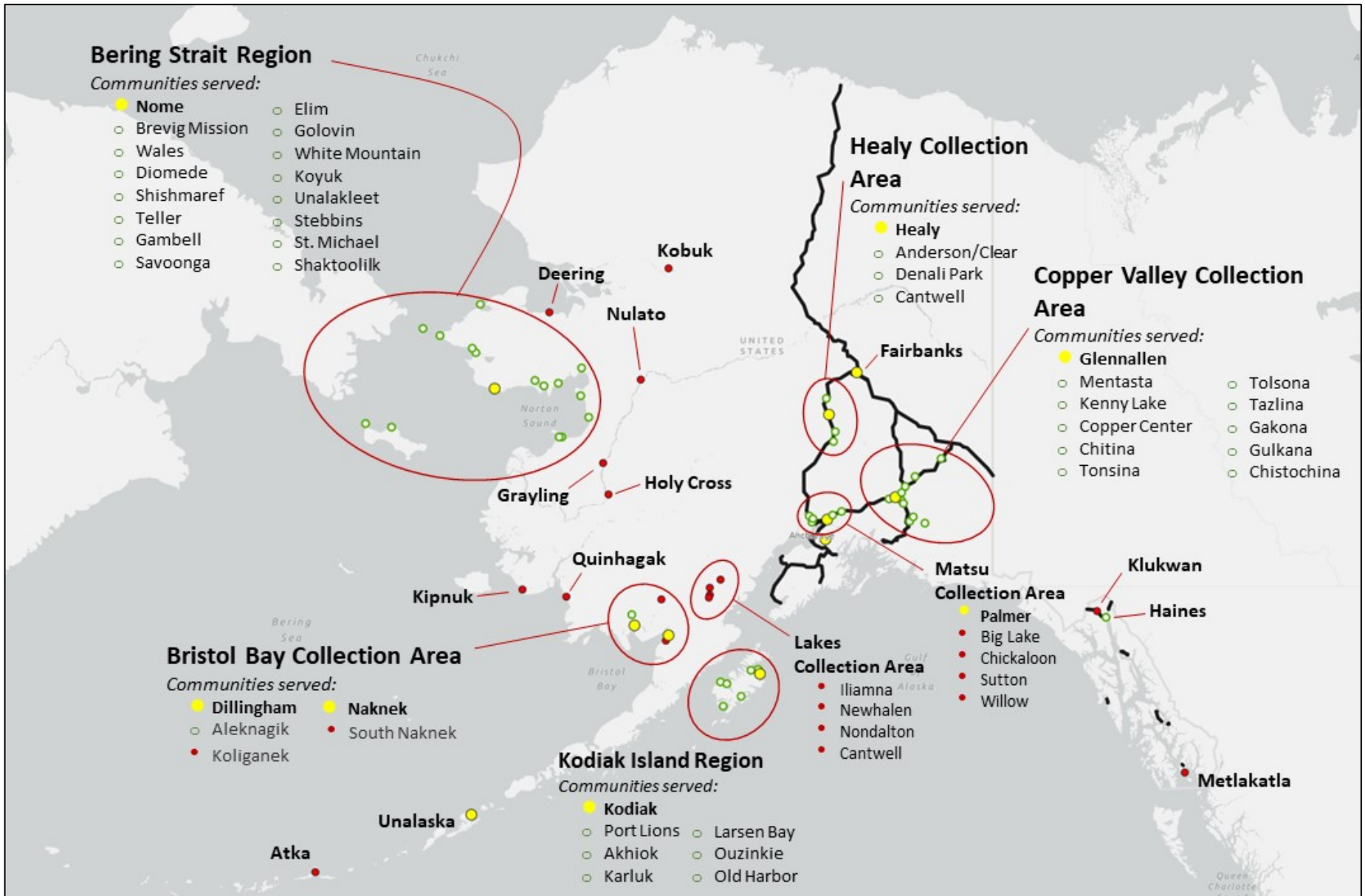
Appendix B – Alaska Map: BAP Communities through 2024





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Appendix C – Alaska Map: 2024 Communities and Service Area





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Appendix D – Table: 2024 Communities and Service Areas | Dated 12/30/24

The following Table lists communities that had the opportunity to use BAP backhaul resources in 2024.

Region	Community	Status	Region	Community	Status
Aleutians	Atka	BPA	Northwest Arctic	Deering	BAP
	Nelson Lagoon	New		Shungnak	New
	Unalaska	BPA/Hub		Deering	BAP
Bering Strait	Nome	Hub	Road System	Fairbanks	Hub
	Brevig Mission	Umbrella		Delta Junction	New
	Diomedede	Umbrella		Tetlin	New
	Elim	Umbrella		Glennallen	Hub
	Gambell	Umbrella		Chistochina	Service Area
	Golovin	Umbrella		Chitna	Service Area
	Koyuk	Umbrella		Copper Center	Service Area
	Saint Michael	Umbrella		Gakona	Service Area
	Savoonga	Umbrella		Gulkana	Service Area
	Shaktoolik	Umbrella		Kenny Lake	Service Area
	Shishmaref	Umbrella		Mentasta	Service Area
	Stebbins	Umbrella		Tazlina	Service Area
	Teller	Umbrella		Tolsona	Service Area
	Unalakleet	Umbrella		Tonsina	Service Area
	Wales	Umbrella		Healy	Hub
White Mountain	Umbrella	Anderson/Clear	Service Area		
Bristol Bay	Dillingham	Hub	Denali Park	Service Area	
	Naknek	New/Hub	Cantwell	Service Area	
	Aleknagik	Umbrella	Palmer	Hub/New	
	Koliganek	BAP/Umbrella	Big Lake	Service Area	
	New Stuyahok	BAP/Umbrella	Chickaloon	Service Area	
	Port Heiden	BAP	Houston	Service Area	
	Togiak	New	Talkeetna/Upper Susitna	Service Area	
	Twin Hills	Umbrella	Sutton	Service Area	
Lakes	Iliamna	BAP	Willow	Service Area	
	Nondalton	BAP	Southeast	Haines	Umbrella
	Port Alsworth	BAP		Klukwan	BAP
Interior	Anvik	BAP		Pelican	New
	Holy Cross	BAP	Y-K Delta	Alakanuk	BAP
Kodiak	Kodiak	Hub		Chefornak	BAP/NIC SWIFR
	Akhiok	Umbrella		Kipnuk	NIC SWIFR
	Karluk	Umbrella		Newtok	NIC SWIFR
	Larsen Bay	BAP/Umbrella		Nightmute	NIC SWIFR
	Old Harbor	BAP/Umbrella		Toksook Bay	NIC SWIFR
	Ouzinkie	BAP/Umbrella		Tununak	NIC SWIFR
	Port Lions	BAP/Umbrella		Quinhagak	BAP



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Appendix D – Table: 2024 Communities and Service Areas | Dated 12/30/24

Definitions:

BAP – A community that was enrolled prior to 2024

New – A community that enrolled in 2024.

Hub – A community that acts as a consolidation point or end destination for material managed by BAP.

Umbrella – A community that is served by a regional backhaul program run by a BAP partner organization.

Service Area – A community notified about a BAP collection opportunity at a nearby hub.

NIC SWIFR – Nelson Island Consortium communities utilizing SWIFR funds for Backhaul along with BAP technical assistance and logistics management services.



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Appendix E – Table: 2024 Backhaul Summary

Summary of Backhaul Alaska Shipping Activities

The table below displays a summary of all known poundage recycled by material category for the various communities the Program worked with in 2024.

Community	Shipments	E-scrap	Lead Acids	UW Lamps	Scrap Metal	Tires	HH Batteries	Marine Debris	Refrigerant	Glass	Net Weight*	BAP Funded ²	BAP Partial Fund ³	BAP Tech Assist & Logistics Mngt ⁴
Aleutians														
Atka	1	-	1,980	-	-	-	-	-	-	-	1,980			X
Nelson Lagoon	1	-	-	-	-	-	-	19,080	-	-	19,080			X
Unalaska	2	24,170	33,171	696	1,497	-	-	-	-	-	59,534	X		
Bering Strait														
Nome*	27	46,686	-	775	-	-	705	-	-	-	48,166		X	
Golovin	1	-	-	200	-	-	-	-	-	-	200	X		
Bristol Bay/Lake and Peninsula														
Dillingham*	3	29,000	-	-	-	-	-	-	-	-	29,000		X	
Port Heiden	1	-	-	-	-	-	-	34,190	-	-	34,190		X	
Togiak	1	1,665	15,935	569	-	-	232	-	-	-	18,401			X
Twin Hills	1	-	3,000	-	-	-	-	-	-	-	3,000			X
Copper River Valley														
Glennallen*	4	4,803	2,862	356	31,769	-	395	-	-	-	40,185	X		
Interior														
Anvik	4	910	-	24	3,000	-	34	-	-	-	3,968		X	
Holy Cross	1	-	5,715	-	-	-	-	-	-	-	5,715			X
Kodiak														
Kodiak*	1	3,445	32,625	405	100	-	-	-	-	-	36,575	X		
Lake Clark and Lake Ilamna (Lakes)														
Iliamna	3	910	5,715	96	2,410	21,800	154	-	-	1,525	32,610		X	
Nondalton	2	-	-	-	7,000	12,340	-	-	-	-	19,340		X	
Port Alsworth	1	4,550	9,525	255	155	-	-	-	-	-	14,485	X		
Northern Road System														
Delta Junction	1	776	-	-	5,920	-	-	-	-	-	6,696	X		
Tetlin	1	-	-	-	11,100	-	-	-	-	-	11,100	X		
Denali Borough*	1	4,550	-	-	-	-	-	-	-	-	4,550	X		
Northwest Arctic														
Deering	3	475	1,955	205	18,030	-	-	-	-	-	20,665		X	
Shungnak	1	-	3,910	-	-	-	-	-	-	-	3,910			X
Southcentral														
Palmer*	1	4,889	-	-	-	-	-	-	-	-	4,889	X		
Big Lake*	2	5,667	-	165	-	-	-	-	-	-	5,832	X		
Talkeetna	2	5,094	-	-	-	-	156	-	-	-	5,250	X		
Sutton*	1	1,166	-	-	-	-	-	-	-	-	1,166	X		
Willow*	1	1,716	-	-	-	-	-	-	-	-	1,716	X		
Southeast														
Haines	3	7,419	-	-	39,353	-	-	-	-	-	46,772			X
Klukwan	3	1,500	-	-	11,400	19,470	-	-	-	-	32,370			X
Y-K Delta														
Alakanuk	2	-	-	-	12,840	-	-	-	-	-	12,840			X
Chefornak	1	-	-	-	7,600	-	-	-	80	-	7,680			X
Nightmute	1	2,730	-	-	2,000	-	-	-	-	-	4,730			X
Quinhagak	1	-	2,955	-	11,500	-	-	-	-	-	14,455		X	
	79	152,121	119,348	3,746	165,674	53,610	1,676	53,270	80	1,525	551,050			

* Quantities include regional/area-wide collection efforts.

¹ **BAP Funded** includes shipments where the Backhaul AK Program funded all shipping and recycling costs.

² **BAP Partial Fund** includes shipments where the Backhaul AK Program split shipping and recycling costs with communities or partnering organizations.

³ **BAP Assist** includes shipments where communities or partnering organizations funded all shipping and recycling costs and where the Backhaul AK Program provided technical assistance and managed shipping logistics.



The following pages provide photos and description of the work from select BAP communities conducted during the 2024 backhaul season:

Aleutians

- Unalaska
- Nelson Lagoon

Bering Strait

- Nome

Bristol Bay

- Naknek

Lakes

- Iliamna
- Nondalton
- Port Alsworth

Kodiak

- Kodiak

Northwest Arctic

- Deering
- Shungnak

Northern Road System

- Glennallen
- Matsu Collection Events (Talkeetna, Willow, Big Lake, and Sutton)
- Delta Junction
- McCarthy

Southeast

- Haines
- Klukwan
- Pelican

Y-K Delta

- Hooper Bay
- Marshall
- Nightmute
- Kotlik



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Appendix F – Select Site Photos



Unalaska, AK – Public Collection Event

BAP and Q-tribe held their 4th annual collection event. Q-tribe began accepting drop-offs of pallets of electronics from the City of Unalaska through out the year. Material was stored in connexes purchased by the BAP and subsequently loaded up for shipment during the event. Additional lamps, lead acid batteries, and other recyclables sorted by Q-tribe were also shipped using Matson freight donations.



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Appendix F – Select Site Photos



Unalaska, AK

Collecting e-scrap from the public outside the Q-tribe office



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Appendix F – Select Site Photos



Nelson Lagoon, AK

BAP staff performed a site visit in Nelson Lagoon in June. While onsite, a plan to utilize excess Nelson Lagoon Tribal Council funds to hire local workers to collect and prepare marine debris for shipment to Kodiak for recycling. BAP staff provided technical assistance and logistics support throughout the summer.

By summer's end, the Nelson Lagoon Tribal Council were able to remove nearly 20,000 lbs of marine debris from the community. The material was shipped to Ocean Plastics Recovery (OPR) in Kodiak for recycling.



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Nome, AK

BAP staff traveled to Nome the last week of May to attend & present at the Bering Strait Environmental Summit and assist with the annual Kawerak E-scrap Collection Event. The collection event also allowed local coordinators from the outlying communities to get hands-on practice/training in packaging e-scrap in preparation for backhaul.

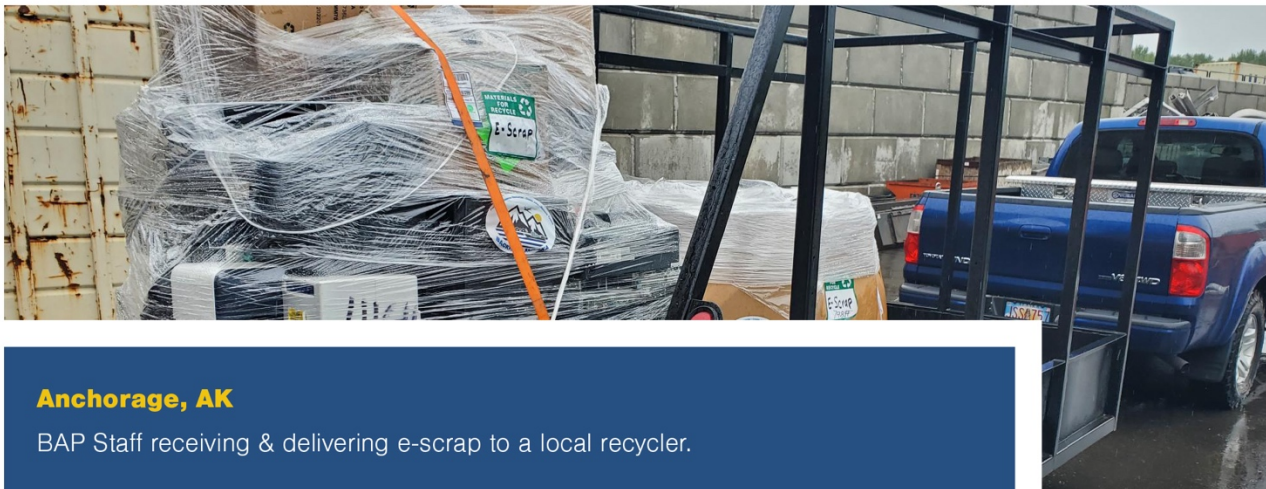


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Appendix F – Select Site Photos

Nome, AK

Kawerak Staff dropping off pallets of e-scrap at AK Air Cargo in Nome.



Anchorage, AK

BAP Staff receiving & delivering e-scrap to a local recycler.

Nome, AK – AK Air Cargo Free Backhaul Program

E-scrap received at the annual collection event were packaged with other e-scrap accumulated by Kawerak thru their regional backhaul program. Kawerak receives e-scrap and other recyclables year-round from the outlying communities within the Bering Strait Region. Material is backhauled to Nome for free (on a space-available basis) by Bering Air. From Nome, material is repackaged and shipped for free via AK Air Cargo (again, on a space-available basis) to Anchorage. BAP staff picks up material from the Anchorage Airport and delivers the pallets to a local e-scrap recycler.



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Naknek, AK

BAP staff visited with Bristol Bay Borough (BBB) staff to assess the possibility of utilizing Naknek as a regional hub. The BBB landfill manager also mentioned the challenges they are having managing Lithium batteries. BAP plans to provide support for Lithium Battery management as well as approach AK Air Cargo to see if the In-Kind Backhaul Program can be expanded to Naknek & Dillingham.



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Iliamna, AK

Staff from Iliamna Village Council (IVC) attended the BAP's Anchorage Backhaul & HMR training. Once home, IVC staff facilitated the loading & shipping of 1 – 40ft container of recyclables and 2 – 20ft containers of scrap tires. Materials were transported to Homer, AK via Iliamna Development Corp and BAP managed round-trip logistics between Homer & Anchorage.



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Nondalton, AK

Over the past 2 years the Nondalton Tribal Council (NTC) has made a significant effort to remove scrap white goods, e-scrap, and lead acid batteries from their community. At the beginning of 2024, NTC staff indicated that they were down to a tire pile and a couple dozen white goods as the remaining items that needing to be shipped out. 2 Iliamna Development Corp 20ft containers were filled with the remaining backhaul materials and subsequently transported to Homer, AK. BAP managed the round-trip logistics between Homer & Anchorage.



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Anchorage Regional Landfill

Management options for scrap tires are limited, both in and out-of-state. Due to the volume of tires (3 – 20ft containers), additional handling challenges (the 20ft containers were owned by IDC, so all tires would need to be transferred into different containers if shipped out-of-state), and additional shipping & disposal expense, BAP opted to dispose the tires at the Anchorage Regional Landfill. Anchorage Solid Waste Services (SWS) state that tires disposed of at the landfill are “shredded and used for landfill projects.” SWS also mentioned that this was a one-off opportunity, so future in-state tire disposal will need to find alternative management options.



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Port Alsworth material transloaded to a 40ft flat in Homer awaiting trucking to Anchorage.



Port Alsworth, AK

A backhaul was planned for Port Alsworth in fall of 2023, but the material was not picked up by the transporter. Material was repackaged during the summer of 2024 and eventually shipped to Homer, AK by IDC. BAP managed the round-trip logistics between Homer and Anchorage.



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Kodiak, AK – Public Collection Event

Thanks to Matson's support, the BAP and KANA held their 4th annual collection event. KANA continues to operate a regional backhaul program where the communities located off the road system ship recyclables to KANA (in Kodiak) for consolidation and storage throughout the spring and summer. At the culmination of the backhaul season, KANA and BAP cohost a public collection event where e-scrap, lead acid batteries, and UW lamps dropped off by the public are combined with the stored offroad community materials and subsequently shipped to Tacoma, WA for recycling.



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Kodiak, AK – Regional Backhaul & HazMat Reg Training

BAP and KANA cohosted a regional Backhaul Best Practices & HazMat Regulation training for the surrounding off-road Kodiak communities. The training was scheduled to coincide with the public collection event so trainees could receive hands-on experience preparing items for safe transportation.



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Deering, AK

BAP staff traveled to Deering to provide additional support and hands-on training Native Village of Deering staff. This year's backhaul was a continuation of last year's work. The 3 containers backhauled from Deering cleared out the backlog materials the communities have been hoping to ship out for many years.



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Shungnak, AK

BAP staff traveled to Shungnak to provide hands-on training in packaging lead acid batteries and other recyclables. In late summer, Shungnak shipped 2 pallets of lead acid batteries to Maniilaq in Kotzebue. Maniilaq managed the batteries through their regional recycling program.



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Glennallen, AK – Regional Escrap, Universal Waste items, and Appliance Collection

2024 was the 3rd year BAP partnered with CRNA and ROAR to conduct a regional collection of backhaul materials. In addition to escrap, lead acid batteries, and UW lamps, CRNA member communities were allowed to drop off white goods, refrigerators, and freezers for backhaul before opening up appliance collection from the general public at large. BAP staff provided refrigerant recovery services for the 200+ refrigerators and freezers collected in Glennallen and the surrounding.



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Glennallen, AK

Appliance drop-off was also open to the general public. A large (and nearly overwhelming) public turnout resulting in the collection of over 200 refrigerators, freezers, and other white goods. BAP staff performed onsite refrigerant recovery services so each appliance could be recycled as scrap metal. Thanks to the freight donations provided by the Matson Caring for Alaska Program (3 – 40ft containers) over 40,000 lbs of recyclables were backhauled from the region.



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Mat-Su Borough Collection Events

Building off of 2023's success, BAP utilized a Matson Caring for Alaska Program freight donation to again host a series of collection events at underserved transfer sites within the Mat-Su Borough. BAP, VCRS, and the Matsu Borough partnered to conduct a series of Collection Events over the span of 4 consecutive weekend.

This 2024 series of events added an additional event to serve the Talkeetna/Trapper Creek/Upper Susitna area.



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Upper Susitna, AK – Mat-Su Borough Collection Event #1

The Susitna “Y” was the first of these 4 collection events. VCRS coordinated volunteers and site logistics while BAP provided supplies, staff, and funding for shipping & recycling. This 1st event was held at the Upper Susitna Senior and Civic Center to serve the Talkeetna, Trapper Creek, and Susitna areas. Roughly 3,000 lbs of e-scrap & UW lamps were collected during the event.



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Willow, AK – Mat-Su Borough Collection Event #2

The Willow Transfer Site was the location of the 2nd Mat-Su Collection Event. About 1,700 lbs of e-scrap & UW lamps were collected over this weekend.



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Big Lake, AK – Mat-Su Borough Collection Event #3

The Big Lake Transfer Site hosted the 3rd Mat-Su Collection Event. Big Lake, again brought in the highest volume of recyclables of all the collection events. About 5,800 lbs were received at this event.



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Sutton, AK – Mat-Su Borough Collection Event #4

The Sutton Transfer Station was the site of the 4th and final Matsu Public Collection Event. As they did last year, the Native Village of Chickaloon provided heavy equipment and an operator to load the container at the end of the event. The container was trucked to VCERS in Palmer where the public was allowed to drop-off escrap until all the remaining space was utilized. A total of nearly 16,000 lbs of recyclables were received at the Matsu collection events.



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Delta Junction, AK – Public Collection Event

During late summer, BAP received a request from the City of Delta Junction for assistance in managing refrigerant containing appliances, UW lamps, e-scrap, and other HHW items. BAP and the City of Delta Junction agreed that having a public collection event would be a good “kick-off” for new management practices. Around 7,000 lbs of recyclables were collected and shipped out during the 2-day event.



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Delta Junction, AK – Refrigerant Recovery Training

A refrigerant recovery training was provided for City Landfill Staff (at no cost) a day prior to the public collection event. Local staff learned how to operate their equipment and properly recover refrigerant from appliances brought to the landfill by the public.



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Tetlin, AK – Refrigerant Recovery Training

Zender, through a USDA Rural Development Grant, had been working with the Village of Tetlin to help address Solid Waste Management Issues. One being a large backlog of appliances, of which 80 were refrigerators and freezers. The buildup was decades old and was flowing outside the landfill's designated area.

BAP/Zender staff made multiple trips to the community. The Program provided Village of Tetlin's Environmental Department with refrigerant recovery equipment, PPE, and other supplies. Further, an onsite refrigerant recovery training was provided to landfill and other Environmental Department Staff. Over 80 refrigerators & freezers were evacuated over the course of 2-days.



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Tetlin, AK – Appliance Haul-out

A final trip was made in fall. The road to Tetlin can be challenging, especially when conditions are wet. To ensure easy access and loading of the white goods, Village of Tetlin staff transported the evacuated refrigerators & freezers (along with other appliances) to a gravel pit located 6 miles from the main highway.



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Tetlin, AK – Appliance Haul-out

BAP and Village of Tetlin staff worked to load & ship out roughly 11,000 lbs of appliance. The amount of space freed-up was considerable and staff now can manage appliances appropriately and have better access to the landfill. BAP will continue working with the Village of Tetlin Environmental Department to address further landfill and solid waste management issues in 2025.



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Regular access to the town site is limited to a pedestrian/ATV walkway. A private toll bridge is available for vehicles and larger loads

Abandoned drums are not prevalent within the townsite, but accumulations spot the area.



McCarthy, AK

BAP Staff performed an initial site visit to McCarthy. The remote setting and road condition concerns make backhauling recyclables and other waste a challenge for the community. Trash is regularly self-hauled to either Valdez or Glennallen. There is no electric utility, so generator use, and solar arrays are heavily utilized. Used oil, glycol, and lead acid batteries were noted as major waste streams that community members would like to address in the future. BAP will attempt to link a McCarthy backhaul into the 2025 Glennallen area Collection event (for at least e-scrap and lead acid batteries).



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McCarthy, AK

Typical lodge solar array. No electric utility necessitates individual solar and/or generator power sources.

Residents indicated most have accumulations of lead acid batteries and liquids (used oil, glycol, fuel, etc.)

There is no landfill or collection service. Burn barrels are commonly used. Other landfill waste is hauled to either Valdez or Glennallen.



Legacy vehicles also spot the townsite. Roughly estimated about 12-15 within the townsite. More likely on individual properties. Residents expressed desire to remove legacy wastes that blight the townsite.





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Volunteers prepare scrap metal for backhaul during HFR's annual scrap metal round-up.



HFR accepts refrigerators/freezers from the public. BAP has been providing in-kind recovery services to facilitate the backhaul of these items.



Haines, AK

Haines Friends of Recycling (HFR) is a nonprofit organization that facilitates the recycling for the community. Beyond managing general recyclables, HFR accepts white goods year-round as well as organizes annual e-scrap and scrap metal recycling events. HFR utilized freight donations from AML for most recycling shipment. BAP provided logistics management and onsite assistance (including refrigerant recovery services) to help further HFR's efforts.



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CIV staff participating in the hands-on portion of BAP's refrigerant recovery training



Loading evacuated appliances



Klukwan, AK

Due to Chilkat Indian Village (CIV) staff turnover, the ANTHC funds and backhaul work was delayed from 2023 to 2024. With new staff in place, BAP worked with CIV staff to provide refrigerant recovery training and assist with the backhaul of scrap appliances and tires. CIV is looking to continue backhaul work in 2025 with additional white good and scrap tire shipments, along with potential a shipment of junk vehicles. BAP will continue to provide training, supplies, technical assistance, and onsite support.



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Klukwan, AK

Adjacent to the landfill is a large pile of junk tires. 2 tire backhauls occurred about 10 years ago and the pile has grown since. Roughly 900 tires were loaded in a 40ft container and shipped to a tire recycler located in WA. CIV is seeking funding to backhaul an additional load in 2025.



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Accumulations of Lead Acid Batteries & Glycol



Used Oil and Paint Storage



Pelican, AK

BAP Staff conducted an initial site visit to Pelican. The community has no scheduled barge service and is only accessible by float plane or vessel. HHW management was the primary concern for the City as there are limited opportunities to ship out materials. BAP provided refrigerant recovery training to City staff, backhauled the recovered refrigerant, and inventoried the HHW. BAP is currently working with the City of Pelican in finding funding to ship and dispose of HHW.



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Pelican, AK

Refrigerant recovery training with City of Pelican Staff. All of the roughly 40 units staged in the refrigerator/freezer storage area were evacuated.



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Hooper Bay, AK

BAP Staff visited Hooper Bay to provide technical assistance on solid waste management, assess feasibility of future backhaul shipments, and provide refrigerant recovery training. The community faces a number of challenges in addressing the accumulation of scrap metal, HHW items, and general solid waste management. BAP offered to fund a 20ft container shipment of backhaul material, but a 2024 was not realized. BAP staff is continuing to work closely with both Native Village of Hooper Bay and Native Village Paimiut staff in applying for SWIFR funding and ongoing technical assistance. The Program hopes to fund at least 1 container of backhaul material in 2025.

A number of connexes have been utilized for storage of various backhaul materials. Pallets and workers have been a limiting factor in getting material packaged for shipment. Both the Native Village of Hooper Bay and the Native Village Paimiut mentioned that can combine efforts to see through a backhaul in 2025.



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Appendix F – Select Site Photos



Hooper Bay, AK

Refrigerant Recovery training with Native Village of Hooper Bay staff.

Lead acid battery collection & storage





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Appendix F – Select Site Photos



Materials packaged and staged for backhaul.



Over 40 units were evacuated during the hands-on refrigerant recovery training.



Marshall, AK

BAP staff performed a site visit to Marshall to inventory HHW to assist Native Village of Marshall with apply for future funding. While onsite, refrigerant recovery training was provided to new staff.



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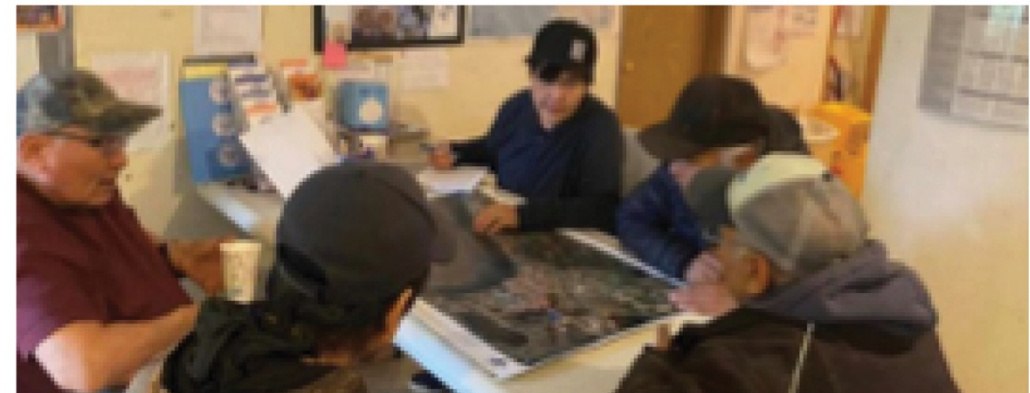
Appendix F – Select Site Photos

Special Joint Meeting – Zender Environmental staff, Nightmute Traditional Council, Umkumiut Tribal Council, and City of Nightmute board – Development of a Memorandum of Agreement for solid waste work.

Public Meeting includes FEMA, DOT, and Zender Environmental and Nightmute Traditional Council



Mapping with elders – Historical Timeline Mapping of Contaminants prior to 1982 (ANCSA)



Nightmute, AK

Zender Staff made multiple trips to Nightmute for various Zender related projects, including some BAP work. While onsite, staff conducted community meetings, provided solid waste management technical assistance, and assisted with backhaul activities related to the NIC SWIFR funding. Nightmute was 1 of 2 NIC communities able to backhaul this fall.



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Nightmute, AK

Local coordinators preparing backhaul items for shipment.

SWIFR funding will allow each NIC community to backhaul each year thru 2026.





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Appendix F – Select Site Photos

Scouting “high priority” cleanup sites



Marine Debris Accumulations



Kotlik, AK

Over the next few years, Zender (including Backhaul Alaska) will be working with the Kotlik Tribe through a Sea Grant award to backhaul marine debris. Zender Staff traveled to Kotlik meet with local staff, conduct a public meeting, and assess project sites. Debris cleanup/removal will occur from 3 local sites identified as “high priority.” The cleanup will culminate in the backhaul of all collected materials in the summer of 2026.



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Additional accumulations the community desires to backhaul.



Zender staff presenting during a public meeting.

