



Recycling Solid and Hazardous Wastes- *Funding a minimum-cost program for shipping or storing wastes*

This handout contains information on funding a minimum-cost program for shipping or storing wastes like **electronic wastes, batteries, fluorescent lights, aluminum cans, and white goods**. The possible funding sources, service providers, and tips apply throughout the State. **The carriers and some destinations listed here are mostly specific to the Kuskokwim and YK Delta area**, although several are state-wide. Call us at 277-6050, email: lzender@zendergroup.org, if you would like information specific to your area, or more details.

What are possible funding sources for storing, reusing, or shipping out recyclables and/or hazardous wastes?







1. IGAP

IGAP funds can be used to implement solid and hazardous waste activities. For example you could use IGAP funds to start a battery recycling program, to ship out electronic waste (e.g. computers) that your community has collected, or to buy storage containers, build sheds, or buy totes. These are just two examples, but there are a lot of different activities that IGAP could fund. Talk to your IGAP project officer if you have questions about what IGAP funds can be spent on.

2. EPA's Tribal Hazardous Waste Grant

EPA has a Tribal Hazardous Waste Grant Program which offers capacity building grants for:

-  Developing and implementing hazardous waste activities;
-  Developing Tribal organizational infrastructure;
-  Achieving economic sustainability of tribal hazardous waste programs;
-  And building partnerships among tribes, federal agencies, states and local communities.

Grants given are usually under \$75,000 and are very competitive. Past Alaska Villages that have received the award include Newtok and Selawik. Applications are usually due sometime in spring (although dates vary year to year). Contact Maria Tartaglia, EPA Seattle at (206) 553-1128 or tartaglia.maria@epa.gov for further information about this grant and deadlines. To view a prior RFP for this grant, go to http://www.ccthita-swan.org/pdf/grants/Tribal_Hazardous_Waste_Grants_2005.pdf

3. Denali Commission

<http://www.denali.gov/Section.cfm?Section=Solid%20Waste>

The Denali solid waste grants have been used by several different Villages for equipment and supplies such as used oil burners, totes, connexes etc. The grants have also paid for labor in projects that offer a significant reduction in environmental health risks. Generally to pay for labor (other than installation, setup) the project must be a demonstration or a one-time effort that is part of the reason for the equipment purchase, or is an infrequently needed event that will make a big difference. These grants do not generally fund projects that are expected to incur the same costs year after year. But, for example, they will pay for a major heavy equipment repair if it can result in a substantial environmental health benefit, particularly as relates to drinking water protection. Contact Gene Kane for further information about these grants at 271-3025 gkane@denali.gov

4. Local Fundraising

For example, the Environmental programs with the Yupiit of Andreafski and Algaaciq Tribal Government in St. Mary's held local fundraisers to raise money for some of their community efforts. The ideas for events they came up with were:

- Carnivals for the kids: these were big money makers for them. They ordered their goods online—the efforts of the carnival paid off the cost of the goods and made pretty good money too.
- They also sold hotdogs, burgers, healthy drinks and snacks.
- Spaghetti feeds (or whatever dinner) with movie night, using a power point projector and speakers.
- Basketball tournaments (3 on 3)
- Dances for kids, fiddle dances for community
- Ask for donated items to auction off.



5. Urban "Box" Stores:

In Anchorage, there are various stores that donate goods and funds. These are especially the ones that do a lot of "Bush Deliveries", such as Fred Meyer, WalMart, Costco, Sams, Sportsman's Warehouse. They want to give something back to the rural communities. All you need is to fill out a donation application (which we can help you get) and a letter of request. Remember, when you write the letter to talk about how the donation will help your community's health and well-being, and how much it means to the village. Let them know you put up flyers or newsletters (or local newspaper ads) thanking organizations that donate to the community, and then send them a copy.

6. Shipping Containers already in the Community:

Some shipping companies have donated their old containers that are already in your Village. Write a letter on Tribal letterhead and request the donation - provide your IRA tax ID #. Other shipping companies will not charge you for the shipping costs of a shipping container, as long as the container is loaded with supplies for your village.



7. Youth, Cultural, Other Grants:

Think about working with your school, or a local non-profit such as Boys and Girls Club, to find funding and/or request donations. Some foundations are oriented towards youth programs, or community well-being programs. **If you link your Environmental Program to a way that helps youth, you will be eligible for a whole wide range of additional grants.** For example, the Village of Selawik uses their new workshop/ recycling center to invite teens in to work on their snowmachines. While there, the teens keep out of trouble, have an adult, and they are able to work on elders' snowmachines as well as their own. They build self-esteem. And they learn about the Environmental Program and the used oil and battery recycling programs. They begin making those environmental connections that are key to their culture, community, and pride. So more residents are now recycling their hazardous wastes. The program is both a youth/community wellness program and a recycling program.



8. Rasmuson Foundation Tier 1 grants :

An example of a small grant (up to \$25,000) that is open year-round for Alaska non-profits and is the Rasmuson Foundation "Tier 1" grants. Tribes are eligible if the project is for the entire community and will have a broad community impact. These fund only capital projects - meaning equipment and supplies. They have funded past projects that support a wide range of community activities, including occasionally solid waste projects, such as

Koyuk's "Recycling project: Two trashcans for each household, 4-wheeler, battery bins". If you develop your project to be a key part of community well-being, then your project might be funded.

If you are considering applying for this grant, **look at what types of past projects have been funded**, and think about how your project can **integrate into a community project that accomplishes similar goals** as past funded projects. .

Here is a search page for **past funded** projects: <http://www.rasmuson.org/PastAwards/Search/search.php>

Under Award Type, click on the dropdown menu to "Tier 1". Then hit search so see the full range of projects (skip Anchorage, Fairbanks, and Juneau). Find several that you think are most similar to what you want to do, and look these specific projects up. You can also click on your region to search regional grants.

Here is the grant information page: <http://www.rasmuson.org/index.php?switch=viewpage&pageid=32> . If you would like our assistance in ideas, organizing, etc., please contact us and let us know. Rasmuson Foundation likes to see **well-organized grant requests**. One idea is to **look at the other rural Villages that have been funded** (regardless of what they asked for). Then **contact them** to ask if they would be willing to share their application, or to give you any funding and reporting tips.

9. Open Meadows Foundation

<http://www.openmeadows.org/>

"Small Grants for Projects Designed by Women and Girls" The Open Meadows Foundation provides support to small and start-up nonprofit organizations for projects that benefit women and girls. Specifically, the Foundation supports projects that reflect the diversity of the community served, and projects that promote racial, social, economic, and environmental justice. Priority is given to projects, designed and implemented by women and girls, which have encountered obstacles in their search for funding. The Foundation provides grants of up to \$2,000 to cover start-up expenses or to support ongoing projects. The annual application deadlines are February 15 and August 15. Visit the website listed above for application guidelines. This information provided by: AWEN: <http://www.awenalaska.org/>

10. Alaska Conservation Foundation Grants:

Small grants are for discrete projects, generally one to two months in duration, that require less than \$2,500 to complete. They will only fund a project that meets their areas of interest - this generally involves conservation advocacy, including "Ecosystem and lands protection". Favored consideration goes to several types of projects, including "Convening diverse constituencies", "Encouraging compliance with environmental laws and regulations", "Promoting citizen participation in public process", and "Providing public forums for continuing environmental awareness". AKCF is very interested in protecting ecosystems and wildlife. If you request a grant from them, your project must show how it specifically meets their goals. As described above, there are many ways in which a backhauling or hazardous waste storage/recycling project can be part of a wider community or regional demonstration initiative to make communities aware of how land, water, and animals are affected by hazardous waste dumping and e-waste burning. You can also incorporate educating your community about climate change issues and ways for Villages to be involved in making State and National policies that address Village climate change concerns.

AKCF Grant Link: http://www.akcf.org/_pages/grants_amp_awards/types_of_grants/small_grants.php

11. Other Small Foundation Environmental Grants:

EPA Region 9 Tribal Solid Waste has a good list of foundations that fund recycling/environmental projects. Nearly all apply to Alaska Tribes as well. Go here: www.epa.gov/region09/waste/tribal/foundation.html . Read the below paragraph for tips in



developing your request so that the foundation knows the project will achieve outcomes that might be additional to "just" environmental health.

12. Other possible funding resources:

CCTHITA's SWAN lists additional funding possibilities and tips. <http://www.ccthita-swan.org/funding/funding1.cfm#17>

13. Search federal grants:

Grants.gov has a search link for all federal government grants: <http://www07.grants.gov/search/basic.do> For example, enter in "tribal, youth" (without the "") to look for grants that target tribes and youth programs.

14. Search additional foundation, individual, and company grants:



NOZA is the largest searchable database for charitable gifts. And, unlike several foundation database searches, you can search for free. It includes different companies and individuals, as well and foundations. This is a good site to search every month or so to see if additional opportunities are available.

<https://www.nozasearch.com/>.

Who are some examples of YK Delta Carriers that might donate services or reduce their rates and what are some tips?

Lynden Air Cargo has a community service program. You will need to prepare a letter on Tribal letterhead asking for donated services. Let them know that it is to help clean up your community. With your letter, add in pictures and include information about your efforts.

Write an introductory paragraph that explains exactly what your program is for, what you are requesting, and why you need the service.

Then explain very clearly, the following in separate lines:

- ◆ **IRA tax ID #.**
- ◆ **One line description of service requested:** e.g. "Shipment of old computers and t.v.s from Raven to Anchorage. If possible, transfer of recyclables to X recycling destination."
- ◆ **Exactly what you are hauling** (e.g. old electronic materials, batteries, cans,),
- ◆ **Approximate total weight**
- ◆ **Measured dimensions** - about how high, wide, and deep - e.g. if you have 2 pallets, describe each pallet. Be sure to measure this with a yard stick, tape measure, etc. and include a few inches additional in case you are off on your measurements. Also, if you have any of the "universal wastes" - e.g. lead-acid batteries, fluorescent bulbs, and used oil, include the dimensions and weight of these separately - they have different labeling and shipping requirements, so they need to be packaged separately.
- ◆ **Timeframe for moving** (if you have a deadline - otherwise just say the timeframe would be at your earliest convenience).

Not required, but helpful, after your short summary of required information are additional details of the program and how it will help, information about your community, and community pictures - you can include your dump or just pictures of folks and your community. Also you could include in your letter that you thank the community supporters prominently in your newsletter that everyone reads in your community, and announce the donation at community meetings.

Lynden also operates a truck hauling service that can transport your recyclables to the Anchorage destination.



Contact Info for Lynden Community Service Program:

Jim Davis, Lynden Air Cargo

6441 South Airpark Pl. Anchorage, AK 99501

Phone: (907)249-0256 <http://www.lac.lynden.com/>

Coastal Villages Region Fund

CVRF has barge-backhauled batteries when they are able. Call to find out if they are able to backhaul batteries, e-wastes, etc. from your Village.

Ronalda Olivera, Program Director 278-5151 or Larson Hunter

ronalda_o@coastalvillages.org <http://www.coastalvillages.org/index.html>

Arctic Transportation Services has backhauled batteries free of charge in the past.

Northern Air Cargo has flown e-wastes as well, if you are able to get recyclables to Bethel or another of their regional hubs.

Everts Air Cargo has donated services.

Northweb Marine, a local owned Kuskokwim barge service from Kalskag, has recently shipped batteries free of charge to Bethel.

Arctic Circle has recently flown electronics free to Bethel.

Northland Services has backhauled batteries many other materials.



your

Contact any barge or plane cargo service in your area. Several have helped communities with backhauling at least one type of waste. You might be able to work with a small plane company to send your goods to a hub, where they can be then flown on a cargo plane to Anchorage. Some efforts are underway to develop hubs so that they can better serve backhaul and recycling needs of regional villages. You may call us at Zender Health Group to find out what may be happening in your region, or you can check with your regional associations, SWAN message board, EPA, DEC, or other groups.

Ask if the cargo/plane service if have a community services/donation program. They'll need the same information as the Lynden example. Have that ready, so they recognize that you are organized. Remember they really appreciate your community's business and also really appreciate your thank-you's. They want your community (and other communities) to know they are helping the region. So be sure to include a big thank you in your newsletter or local newspaper. You can make this part of an environmental education project by sending them kids' drawings of how flying/barging the wastes out improves village and river health. Announce their donation at community meetings, and take pictures and send it to them. That will let them know how helpful their program is.

Where can I send materials to be recycled?

Bethel Recycling 907 543-7072

Dave Stovner, took over for previous person. Give him a call to ask what materials they are accepting. Note that Anchorage pays twice as much for aluminum than Bethel-- \$.40/lb vs. \$.20/lb, so it may be better to try to ship

cans straight to Anchorage. Give Dave a call to discuss the materials and how/when you can ship them to the recycling center.

Napa Auto Parts, Bethel: 907-543-2673

Napa will pick up lead acid batteries from the airport and ship them out for free! However, if you send a tote with the batteries, you'll need to find a way to get it back. Napa will not have it shipped for you.



ALPAR, Mary Fisher: 274-3266 alpar@gci.net <http://www.alparalaska.com/>

Current Programs:

Youth Litter Patrol Program: Summer jobs picking up litter! Kids work in ALPAR'S Youth Litter Patrols all over Alaska. They help rid the communities of litter and remind everyone to dispose of litter properly.

Flying Cans: For all off-road communities. Rural communities throughout Alaska send their aluminum cans to Anchorage for recycling, thanks to **Northern Air Cargo** and member airlines of the **Alaska Air Carriers Association**.

Litter Bag Distribution: Free litter bags to communities

Schnitzer Steel (formerly AK Metal Recycle) for shipping white goods and metals

Eric Enquist 1800-562-9876 or 253-404-6642 (direct)

Anchorage Rep./Community Liaison: Shira Roth 240-2868

Schnitzer representatives will be at AFE 2008 for networking and possible partnering opportunities. Look out for the backhauling sessions.

Check out this link for Schnitzer's policies on accepting/purchasing iron:

<http://greenstarinc.org/downloads/ALASKA%20METAL%20RECYCLING%20POLICIES.doc>

Total Reclaim, Larry Zirkle: 561-0544 <http://www.totalreclaim.com/alaska.html>

Total Reclaim in Anchorage accepts electronic wastes including non-lead or mercury household batteries, Freon, and some other recyclables. Currently, they can help you with all of the logistics free-of-charge.



- Air Freight is covered by Total Reclaim with the support of various airlines and programs. Contact Anna Pratt to set up logistics.

- They charge \$0.35/lb. to receive electronic waste

- They charge an \$18 flat rate for all T.V./computer screens

Other items that Total Reclaim takes for a fee:

Fluorescent Bulbs

White Goods:

- ◆ Refrigerators and freezers -now only \$20 a unit.
- ◆ Air conditioners
- ◆ Washers and Dryers
- ◆ Stoves



E- Recycling,

Computers

Monitors (CRT, LCD)

Printers (fax, scan, copy)

Laptops

Televisions

VCRs, DVD players

Stereos & Audio Components



Misc. Electronics

Returned/Unwanted Products

Cell Phones

PDA's, Handheld games

Communications equipment

Misc. Office Machines

Batteries Servers, routers, hub

Additional regional backhauling resource folks

Some other folks who have organized successful large region backhaul projects multiple times, who may be able to help or offer tips:

- ◆ Yukon River Inter-Tribal Watershed Council, Jon Waterhouse
258-3337 jwaterhouse@yritwc.com
- ◆ Copper Valley Development Association, Arlene Rosenkrans,
822-5001 arlene.rosenkrans@ak.usda.gov . See CVDA's lessons learned, backhaul steps, and project summary at http://www.coppervalley.org/car_project.html



Did you know there is a way to be reimbursed for your shipping expense?

Total Reclaim is partnering with the **Greenstar E-recycling Program** to provide backhaul shipping reimbursement- you can then offer to local shipping partners to cover their extra costs, or keep it to cover your costs. This is a Rasmuson Foundation Funded Program:

<http://www.greenstarinc.org/electronicinfo.php>

- Green Star reimburses non-profit organizations and Tribes with a 501(c)(3) determination letter.

Reimbursement schedule is as follows:

1 July 2007 - 30 June 2008: 25¢ per pound

1 July 2008 - 30 June 2009: 20¢ per pound

Other resources

Totes and Hazardous materials storage

Places to purchase totes if you need them http://www.ccthita-swan.org/Tutorials/storing_hazwaste.cfm#6

How to construct your own battery tote from wood. http://www.ccthita-swan.org/Tutorials/batt_recycle.cfm#8

Solid Waste Solutions in Alaska http://www4.nau.edu/itep/trainings/aksw_solutions.asp and

Example of solid waste backhaul in rural Alaska:

http://www4.nau.edu/itep/trainings/aksw_solutions_stagematl.asp






Solid Waste Alaska Network

Other resources on recycling http://www.ccthita-swan.org/Planning/2D_recycle.cfm

Solutions for Hazardous Waste in Alaska Native Villages <http://www.zender-engr.net/haz.htm>

Includes a variety of information about hazardous wastes including examples of Village hazardous waste programs, safety gear, starting a hazardous waste program in your community, writing ordinances, and educating your community about hazardous wastes

MORE RECYCLING INFORMATION

<p>General recycling information</p>	<p>Regional recycling contacts: http://www.aerho.org/projects/recycle_resources.html General recycling information: http://www.ccthita-swan.org/Planning/2D_recycle.cfm ALPAR: www.alparalaska.com/</p>
<p>Ink Jet, Fax, and Laser Toner cartridges.</p> 	<p>Go to http://www.ccthita-swan.org/main/toner.cfm for full list of companies, or 1 800-368-5881 for ECCO, a Washington company, or Cartridge World, Diana (907) 569-4465. Companies will send you free envelopes and then send a check when they receive the cartridges. Prices vary depending on the type of cartridge, and you can shop around for the best deal.</p> <p>If the cartridge comes from a <i>major manufacturer, such as HP</i>, you can UPS them back to the company from your village through Lynden transportation. Before you put the package on the plane, contact a Lynden Air representative at your nearest Hub location (Bethel) to notify them that a UPS package is coming.</p>
<p>Lead-acid batteries (vehicle batteries)</p> 	<p>To calculate how many lead-acid batteries you need to backhaul http://www.zender-engr.net/battery.htm, see "Counting your battery wastestream. For step by step backhaul instructions, see: Recycling lead-acid batteries and special battery permitting.</p>
<p>Computers, misc-ellaneous E-waste, cell phones, etc.</p> 	<p>http://www.ccthita-swan.org/pdf/ewaste.pdf or Call Larry Zirkle at Total Reclaim in Anchorage, 229-0183. He is very knowledgeable and will help you get started. \ Ensure your computer recycler is responsible and does not simply export to Asia or Africa, harming poor communities' health. Go to www.ban.org for information.</p>
<p>Fluorescent Lights</p> 	<p>http://www.ccthita-swan.org/pdf/fluorescent.pdf or Call Larry Zirkle at Total Reclaim in Anchorage, 229-0183. He is very knowledgeable and will help you get started.</p>
<p>Household batteries</p> 	<p>Go to http://www.zender-engr.net/battery.htm. "What to do with household batteries" at http://www.zender-engr.net/docs/battery_household.pdf gives information on starting a program, where to send the batteries, and information on other sources of mercury and lead. A battery identification and hazard table, called "Household battery summary" At http://www.zender-engr.net/docs/battery_table.pdf shows pictures of the batteries. Or Call Larry Zirkle at Total Reclaim in Anchorage, 229-0183.</p>
<p>Freon recycling from refridgerators</p>	<p>http://www.ccthita-swan.org/Planning/freon_removal.cfm Also, call Larry Zirkle at Total Reclaim in Anchorage, 229-0183</p>
<p>Miscellaneous recycling of non-haz wastes</p>	<p>http://www.ccthita-swan.org/main/recycling.cfm http://www.ccthita-swan.org/Planning/2D_recycle.cfm</p>