





## Backhaul Supply Resources

**Suggested Supplies and Resources for Backhauling Lights, Batteries, E-wastes, and Ballasts.**  
*(How to purchase these recommended supplies is described further below.)*

Material to be backhauled	Suggested supplies to have on-hand	Further resources
Fluorescent  lights	<ul style="list-style-type: none"> <li>• Mercury spill kits</li> <li>• Boxes long enough for the lights to fit in</li> <li>• Pen to mark the bulbs</li> <li>• Tape</li> <li>• Shipping labels</li> <li>• Safety gear (gloves and goggles)</li> </ul>	What is in a mercury spill kit & how to clean up spills: <a href="https://www.epa.gov/mercury/what-do-if-mercury-thermometer-breaks">https://www.epa.gov/mercury/what-do-if-mercury-thermometer-breaks</a>  How to pack lights: <a href="http://www.zendergroup.org/docs/TR_lights.pdf">www.zendergroup.org/docs/TR_lights.pdf</a>  How to label packaged lights: <a href="http://www.zendergroup.org/labels.html">www.zendergroup.org/labels.html</a>  Where and how to recycle lights: <a href="http://www.zendergroup.org/docs/lights.pdf">www.zendergroup.org/docs/lights.pdf</a> <a href="http://www.ecolights.com">www.ecolights.com</a>
Light ballasts and household batteries (small ones) 	<ul style="list-style-type: none"> <li>• 5 gallon buckets with lids for storing/shipping</li> <li>• Tape (to tape the ends of batteries)</li> <li>• Shipping labels</li> <li>• Safety gear (gloves and goggles)</li> </ul>	How to pack batteries: <a href="http://www.zendergroup.org/docs/TR_battery_household.pdf">www.zendergroup.org/docs/TR_battery_household.pdf</a>  How to pack ballasts: <a href="http://www.zendergroup.org/docs/TR_ballast.pdf">www.zendergroup.org/docs/TR_ballast.pdf</a>  How to label packaged batteries: <a href="http://www.zendergroup.org/docs/label_used_battery.pdf">www.zendergroup.org/docs/label_used_battery.pdf</a>  More information about recycling batteries: <a href="http://www.zendergroup.org/docs/battery_household.pdf">www.zendergroup.org/docs/battery_household.pdf</a>
E-waste 	<ul style="list-style-type: none"> <li>• Boxes and newspaper as padding</li> <li>• Tape for securing boxes</li> <li>• Pallets</li> <li>• 80 gauge stretch wrap</li> <li>• Banding tape or ratchet straps to secure waste on pallets</li> <li>• Safety gear</li> </ul>	How to pack ewaste: <a href="http://www.zendergroup.org/docs/TR_elec.pdf">www.zendergroup.org/docs/TR_elec.pdf</a>  How to label packaged ewaste: <a href="http://www.zendergroup.org/labels.html">www.zendergroup.org/labels.html</a>  More information about recycling ewaste: <a href="http://www.zendergroup.org/ewaste.htm">www.zendergroup.org/ewaste.htm</a>
Batteries 	<ul style="list-style-type: none"> <li>• Plastic totes with lids</li> <li>• Pallets and shrink wrap</li> <li>• Kitty litter, vermiculite, or hazardous waste spill pads for absorbency</li> <li>• Waffle cardboard for layering between layers of batteries, or plywood</li> <li>• Banding tape or ratchet straps to secure batteries in totes or pallets</li> <li>• Safety gear (gloves, goggles, protective clothing, &amp; spill kit)</li> </ul>	How to pack batteries: <a href="http://www.zendergroup.org/battery.htm">www.zendergroup.org/battery.htm</a>  How to label packaged batteries: <a href="http://www.zendergroup.org/labels.html">www.zendergroup.org/labels.html</a>  Where to purchase totes for shipping batteries: <a href="http://www.zendergroup.org/docs/totes.pdf">www.zendergroup.org/docs/totes.pdf</a>  <u>Buy it or make it:</u> You can purchase supplies to make your own <b>wet battery spill kit</b> . What is in a typical kit? 5-full size hazmat pads, 2-hazmat socks 3"x4', 1-pair large nitrile gloves, 1-poly apron, 1-scoop/hand broom, 1-disposal bag, 1-pair safety goggles, 1- trigger sprayer, 2-quarts liquid acid neutralizer.

## Where to Purchase Various Supplies (Prices listed were researched in 2014)

### Hazardous waste kits from Total Reclaim

You can order pre-packaged kits from Total Reclaim that contain the following: Vermiculite, spill kits, shrink wrap, safety gear, boxes for bulbs, buckets for ballasts and mercury switches, and a copy of a backhaul manual. These kits cost \$1900/kit **plus shipping** and the kit comes in a tote which can be used for shipping lead acid batteries. Kits generally take 2-3 weeks to process. Total Reclaim can take it to the airport, but you'll need to arrange shipping (they can help). Contact Total Reclaim at 907-561-0544 to order these kits or for more information. <http://www.totalreclaim.com/alaska.html>

### Plastic totes with lids

<b>Anchorage</b>	
Arctic wire and rope	1 800 478-0707 or (907) 562 0707
<b>Fairbanks</b>	
Arctic Fire and Safety	1 800 260-3473 or (907) 452-7806
ABS	(907) 452-2002
<b>Dillingham</b>	
BBEDC	(907) 842-4370 , ask for Fritz Johnson, insulated totes
<b>Juneau</b>	
Western Auto & Marine	(907) 780-4909
<b>Sitka</b>	
Murray Pacific Supply	1 800 478-3171, just half totes
<b>Ketchikan</b>	
Murray Pacific Supply	1 800 478-3135 (907) 225-3135, just half totes
<b>Cordova</b>	
LFS Marine Supplies	(907) 424-5495 or Toll Free in Seattle 800-647-2135 or Toll Free in Bellingham 800.426.8860



### **Bethel**

For the Bethel area, AVCP has some totes that they can loan communities for shipping batteries to Bethel. The community will need to cover the \$50-\$60 tote shipping fee from Bethel to the community. AVCP also has some smaller lined cardboard boxes they can send to communities for shipping a small number of lead acid batteries (2-3 batteries will fit in a box). AVCP can assist with picking up the batteries once they arrive in Bethel to take them to NAPA. Contact Don Wedll at AVCP at (907) 543-7363 [dwedll@avcp.org](mailto:dwedll@avcp.org) for more information.

### **Pallets**

You can ask your local air or barge carrier if they have pallets to give away or to borrow for backhaul. Local or hub construction companies may also have them to give away. If you are holding a waste collection event, these companies may be even more inclined to donate pallets. It doesn't hurt to give them a call and ask! Below are some companies that sell wooden pallets.



Company	Pricing/Details	Shipping Information
Unitech of Alaska, Anchorage 1 800-649-5859 <a href="http://www.unitechofalaska.com/">www.unitechofalaska.com/</a>	Sells wooden pallets for \$8.50 each	They will deliver it at no charge to the airport for shipping.
Alaska Pallet Co, Anchorage, (907) 243-2432 <a href="http://alaskapallet.com/">http://alaskapallet.com/</a>	Sells wooden pallets for \$6 each	They can likely bring to the airport for shipping.
Alaska Warehouse Specialists, Inc., Anchorage 1-888-312-5947 <a href="http://www.alaskawarehousespecialists.com/">www.alaskawarehousespecialists.com/</a>	Sells wooden pallets for \$5 each.	They have free delivery to the airport for any orders over \$75. Ask to talk to Cathy

## Shrink wrap



Company	Pricing/Details	Shipping Information
Unitech of Alaska, Anchorage 1 800-649-5859 <a href="http://www.unitechofalaska.com/">www.unitechofalaska.com/</a>	Sells shrink wrap for \$18.75 per roll (\$75 for a case of 4).	They will deliver it at no charge to the airport for shipping.
Material Flow Anchorage 1-877-868-3569 <a href="http://www.akflow.com/">www.akflow.com/</a>	Sells shrink wrap is \$73.51 for a case.	Sometimes they charge for delivery to the airport.
Alaska Industrial Hardware Anchorage (907) 276-7201 <a href="http://store.aihalaska.com/">http://store.aihalaska.com/</a>	Sells shrink wrap is \$18.99 per roll (\$75.96 for a case of 4).	No charge to bring anything to the airport.
Alaska Warehouse Specialists, Inc., Anchorage 1-888-312-5947 <a href="http://www.alaskawarehousespecialists.com/">www.alaskawarehousespecialists.com/</a>	Sells shrink wrap is \$65 for a case of 4.	They have free delivery to the airport for any orders over \$75. Ask to talk to Cathy

## Banding kits



Company	Pricing/Details	Shipping Information
Unitech of Alaska, Anchorage 1 800-649-5859 <a href="http://www.unitechofalaska.com/">www.unitechofalaska.com/</a>	Sells metal and plastic banding kits	They will deliver it at no charge to the airport for shipping.
Material Flow Anchorage 1-877-868-3569 <a href="http://www.akflow.com/">www.akflow.com/</a>	Sells steel banding for \$1.29 per standard coil.	Sometimes they charge for delivery to the airport.
Alaska Industrial Hardware Anchorage (907) 276-7201 <a href="http://store.aihalaska.com/">http://store.aihalaska.com/</a>	Sells banding equipment: Steel 3/4" banding is \$107.99 for a 2000 foot roll. Banding machine is \$194.99. Tensioner is \$72.99. Sealer is \$63.99, or \$30.99 for economy. Seals are \$23.49 for a box of 1000. Cutters are \$24.49. Total for all listed above = \$487.94 (or \$454.94 with economy sealer). Email Doug if you would like a quote at <a href="mailto:dford@aih.com">dford@aih.com</a> .	No charge to bring anything to the airport.
Alaska Warehouse Specialists, Inc., Anchorage 1-888-312-5947 <a href="http://www.alaskawarehousespecialists.com/">www.alaskawarehousespecialists.com/</a>	Sells banding equipment: Steel 3/4" banding is \$130 for a 1902 foot roll. Banding machine is \$375 when purchased separately, but \$325 when purchased with all the banding tools. Tensioner is \$210, made in the USA and very sturdy. Sealer is \$70. Seals are \$80 for a box of 2500. Cutters are \$60. Total for all listed above = \$875.	They have free delivery to the airport for any orders over \$75. Ask to talk to Cathy

## Waffleboard (also called Hexacomb)



Company	Pricing/Details	Shipping Information
Unitech of Alaska, Anchorage 1 800-649-5859 <a href="http://www.unitechofalaska.com/">www.unitechofalaska.com/</a>	Sells at \$29.25 per sheet of 4 feet wide by 8 feet long by 1 inch thick.	They will deliver at no charge to the airport for shipping.
Interstate Battery (907) 349-1577	Can normally give Hexacomb away for free. Just call them.	They probably will not charge you to bring it to the airport
Alaska Warehouse Specialists, Inc., Anchorage 1-888-312-5947 <a href="http://www.alaskawarehousespecialists.com/">www.alaskawarehousespecialists.com/</a>	Sells at \$40 per sheet of 4 feet wide by 8 feet long by 1 inch thick.	They have free delivery to the airport for any orders over \$75. Ask to talk to Cathy

## Gaylords

Gaylords are large boxes with lids that will fit on a pallet (and can be nailed to a pallet) and are very handy for putting miscellaneous materials in such as used keyboards, wires/cables, piping, toner etc, for storing inside or for shipping. They are cheap to ship out to communities because they ship flat!



Company	Pricing/Details	Shipping Information
Unitech of Alaska, Anchorage 1 800-649-5859 <a href="http://www.unitechofalaska.com/">www.unitechofalaska.com/</a>	\$82.54 each, comes with liner bag and nails to nail it to pallet.	They will deliver it at no charge to the airport for shipping.

## Pallet Jacks

Pallet Jacks are very helpful to have to move around full pallets of materials, in and out of connexes or to the barge site or airport. Especially if you don't have other heavy equipment. Some pallet jacks also come with a scale built in which can be very useful to weigh your pallets/totes/boxes so you have an accurate weight for shipping estimates or shipping forms.



Company	Pricing/Details
Grainger, Anchorage (800) 472-4643 <a href="http://www.grainger.com">www.grainger.com</a>	A regular pallet jack costs around \$800 and one with a built in scale is around \$2580.

## Sample supply list for scrap metal backhaul

In the summer of 2012, Hooper Bay prepared a large amount of scrap metal for backhauling out. All of the supplies and equipment they needed for the preparation are shown in the invoice at this link: [www.zendergroup.org/docs/scrap\\_metal\\_supplies.pdf](http://www.zendergroup.org/docs/scrap_metal_supplies.pdf) You can view this invoice for an exact list of equipment purchased, and the amounts and prices of each. A general list of equipment/tools needed for cutting metal is given in this table:



Item	Estimate cost per item
Inverter/Generator	\$1050
Gas cutoff saw with diamond blade	\$1040
Saw cutoff wheel	\$10
Sawzall reciprocating saw	\$120
Metal cut sawzall blade	\$100

Suggested safety gear to use when preparing scrap metal includes:

- Faceshield
- Coverall
- Hardhat
- Canvas gloves with safety cuff
- Clear anti-fog safety glasses

## Safety Gear - Alaska Companies



You can call Alaska companies that sell safety gear to ask them about appropriate gear for the specific materials you'll be handling. Further information about the types of gear to use and guides for using gear can be found in this document. [www.zendergroup.org/docs/Safety\\_gear.pdf](http://www.zendergroup.org/docs/Safety_gear.pdf) What follows are a list of Alaska companies that sell safety gear. This list may not be exhaustive.



### Anchorage

Company	Address	Phone	Website or Email
<b>Spill Shield Inc</b> Ask for Kris (she has worked with several Rural Alaska Native Villages)	5610 Silverado Way Suite 10 Anchorage, AK. 99518	561-6033	<a href="http://www.spillshield.com">www.spillshield.com</a> <a href="mailto:spillshield@ak.net">spillshield@ak.net</a>
<b>Airgas</b>	6350 Arctic Blvd Anchorage, AK 99518	563-6644	<a href="http://www.airgas.com">www.airgas.com</a>
<b>Alaska Safety</b>	4725 Gambell Street Anchorage, Alaska 99503	561-5661	<a href="http://www.alaskasafety.com">www.alaskasafety.com</a>
<b>Unitech of Alaska</b>	7600 King St. Anchorage,	800 649 5859	<a href="http://www.unitechofalaska.com/">www.unitechofalaska.com/</a>
<b>Eagle Enterprises Inc.</b>	700 W. International Airport Rd Anch, 99518	562-2331 or 800-478-2331	<a href="http://www.ultimategear.com">www.ultimategear.com</a> <a href="mailto:trent@eaglesafety.net">trent@eaglesafety.net</a>
<b>Fire and Safety Equipment and Clothing</b>	1100 W. Diamond Blvd Anch, AK 99515	344-8151	<a href="http://www.firehouseinternational.com">www.firehouseinternational.com</a>
<b>Army Navy Store (safety clothing)</b>	320 W 4 <sup>th</sup> Anch, 99501	1 (888) 836-3535	<a href="http://www.army-navy-store.com">www.army-navy-store.com</a>

### Fairbanks

Company	Address	Phone/Fax	Website or Email
<b>Airgas</b>	641 Hughes Avenue, Fairbanks, AK 99701	Phone: 456-3400	<a href="http://www.airgas.com">www.airgas.com</a>
<b>Big Ray's Store (safety clothing)</b>	507 2 <sup>nd</sup> Ave Fairbanks, AK 99701	Phone: 800 478 3458	<a href="http://www.bigrays.com/">http://www.bigrays.com/</a>
<b>Arctic Fire and Safety</b>	702 30 <sup>th</sup> Ave Fairbanks, AK 99701	Phone: 1 (800) 260-FIRE	<a href="mailto:arcfire@mosquitonet.com">arcfire@mosquitonet.com</a> <a href="http://www.arcticfireandsafety.com/">www.arcticfireandsafety.com/</a>

### Juneau

Company	Address	Phone/Fax	Website or Email
<b>Southeast Extinguisher Service</b>	8319 Airport Blvd Juneau, AK 99801	Phone: 790-2522	<a href="mailto:southeastextinguisher@acsalaska.net">southeastextinguisher@acsalaska.net</a> <a href="http://www.seextinguisher.com">www.seextinguisher.com</a>



**Battery & Other Spill Kits, Clean up & Spill Containment, Containers, and Safety equipment. The below list of companies is not exhaustive.**

**Unitech of Alaska**

7600 King St. Anchorage, AK  
Phone: 800 649 5859  
Web: [www.unitechofalaska.com/](http://www.unitechofalaska.com/)

**Spill Shield Inc**

5610 Silverado Way Suite 10  
Anchorage, AK. 99518  
Phone: 561-6033  
Web: [www.spillshield.com](http://www.spillshield.com) e-mail:  
[spillshield@ak.net](mailto:spillshield@ak.net)

**New Pig**

One Pork Avenue, P.O. Box 304  
Tipton, PA 16684-0304  
Phone: 1 (800) 468-4647  
Email: [hothogs@newpig.com](mailto:hothogs@newpig.com)  
Web: [www.newpig.com](http://www.newpig.com)

**Interstate Products, Inc.**

3921 Sawyer Road  
Sarasota, FL 34233  
Phone: 1 (800) 474-7294  
Web: [www.interstateproducts.com](http://www.interstateproducts.com)

**Lab Safety Supply, Inc.**

PO Box 1368, Janesville, WI 53547-1368  
Phone: 1 (800)-356-0783  
Web: [www.labsafety.com](http://www.labsafety.com)

**Hazmat Chemical Storage, Inc.**

1225 Wakeham  
Santa Ana, CA 92705  
Phone: 1 (800) 401-5877  
Email: [info@hazmatstorage.com](mailto:info@hazmatstorage.com) Web:  
[www.hazmatstorage.com](http://www.hazmatstorage.com)

**Denios, Inc.**

1152 Industrial Blvd. Louisville, KY 40219  
Tel: 877-388-0187  
Email: [info1@denios-us.com](mailto:info1@denios-us.com) Web:  
[www.thehazmatpro.com](http://www.thehazmatpro.com)

**Grainger Industrial Supply**

6240 B St.  
Anchorage, AK 99518-1727  
Phone: (907) 562-5400  
Web: [www.grainger.com](http://www.grainger.com)

