

Collection Bins/Carts/Trailers

A collection bin can hold a lot of waste and can significantly reduce the number of trips taken to the dump. Bins can also reduce the labor hours needed for "door to door" trash collection services. Using a collection service keeps people away from the dumpsite, assists in managing trash properly at the dumpsite, and reduces health risks.



Where to purchase them

Tag-A-Long Trailers, Anchorage AK

(907) 344-8451, 800-285-4301 toll free, Contact: Dave

See their website for a variety of trailer types and more information

<http://tagalongak.com>

Tag-a-long sells several different types of trailers/haulers for rural Alaska (check out their website for photos of their various products). The photos below show their newest model of the enclosed solid waste cart. This model is hoisted on the transfer trailer and has only 2 tires instead of 4 (which reduces tire replacement costs). The enclosed cart helps avoid trash scatter when hauling trash (especially compared to open trailers).



Cost (not including shipping):

\$2,400 for bin.

\$1,700 for transfer trailer.

\$675 for ski conversions for winter use.



Dimensions:

4ft. (width) x 6ft. (length) x 4ft (Height).

Weight: 200 lbs (bin only) 500 lbs with trailer.

The trailer in the photo to the right is Tag-a-long's original enclosed four-wheeler container (Model 48-96) can be pulled by ATV or snow machine. It has a rear door with latch for easy access and an optional lid on top to keep birds away and reduce trash scatter.



Cost (not including shipping):

\$3,700 (basic model)

\$70 steerable front

\$500 for Lid

Dimensions: 4ft x 8ft x 4ft 22"x11"x8" tires

Tag-a-long also sells several different types of open top trailers that can be viewed on their website.

Ski conversions:

- Basic ski: 10"x60"x10"=1 ski @50lbs each, 2 required
- Tandem axel (48-96 T or TR, or 48-96 TH) Cost \$1100.00 pair 10"x72"x10" per ski @85-90lbs each
- Steerable front end, (48-96 THS) Cost \$650.00 pair 10"x48"x10" per ski @35-40lbs each
- Hitch conversion, 10lbs. (fits all Tag-along tongues)
- Sled, 36-96 FL - Cost \$2100.00(hinged rear wall extra cost)36"x96"x12" - Approximately, 200 -250lbs

Tok Welding, Tok AK

(907) 590-7363

Fax: 1-888-864-8920

www.alaskanstoves.com

Chris Marshall at Tok Welding fabricates trash bins (\$1,900) which are stationary, and trash collector empties into the "transport" trailer (\$3,200)



Dimensions: (with tires and tounge):

Height 63"

Length 127"

Wide 67"

Weight 650 lbs.

With axle and springs

off for transport to save shipping cost:

Height 53"

Length 98"

Width 48"



Stationary bins measure:
 Height 60"
 Length 74"
 Wide 48"



Hooper Bay using "trash transport system"

Last Frontier Trailers, Sutton, AK

(907) 746-5593 <http://www.alaskaatvtrailers.com>

Below are 2 models. Last Frontier also will work with you to design and fabricate a custom trailer to suit your specific requirements and specifications.

BM 1500 Flatbed Trailer



Dimensions:

Weight 180 lbs.
 28" wide x 5' long x 12" side panels

Features:

7/8 coupler
 22x11x8 tires
 2x4 stake pockets
 packs flat for shipping

BM 3500 Tandem Flatbed



Dimensions:

Weight 300 lbs. 36" wide x 6' long x 12" side panels

Features:

Springs with tandem axle equalizers
 2x4 stake pockets
 1 7/8 coupler
 25x12x9 tires
 Optional 12" high stakes

Both trailers have removable sides which makes these very versatile trailers. Put on the sides and fill it with dirt, gravel or whatever you need to haul. Take off the sides and it becomes a flatbed - perfect for hauling items that are longer than the bed of the trailer. The removable sides make it super easy to transport since it all breaks down flat. Call for current prices. Price will include shipping to zip codes 995,996, 997.

Summit Consulting

(907) 350 9625

<http://www.scsalaska.com/documents/RWMTrifold.pdf>

Summit has sold 3.2 cubic yard capacity dumpster trailer systems which may be operated with a pickup, ATV, or snow machine to Villages. Contact Dave Lancaster for information and prices.

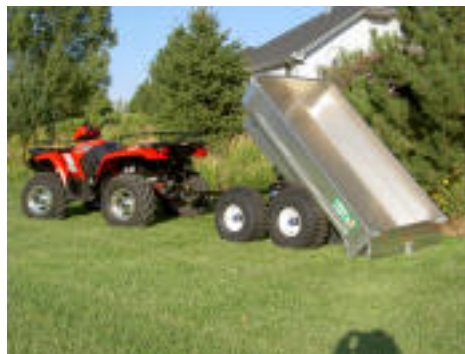


Trailmark Distributors, Inc., Canada

1-866-805-6048

<http://www.trail-mark.com/atv-trailer.html>

Note that this company is in Canada so you should consider what the shipping costs will be estimated to be at least \$700+ to AK). Trailmark sells The Drifter (5ft) and The Rino (6ft). See photos below of The Drifter. Cost of The Drifter (not including shipping) is \$2,595, hauling capacity - 23.252 CU FT, weight capacity - 700 Lbs, and the length, width, depth of the trailer are 60", 44", 23.5" and weight is 195 lbs.



Other options

Don't need anything fancy... Some villages with collection programs have decided to use the familiar "regular" ATV carts and sleds to haul trash to their dumpsite. Some communities have even just built these trash containers themselves (see p.6) However, you should consider you'll have to haul more often, due to small size and ensure that the trash will not scatter or blow out of the trailer or sled.



Roll-off Dumpsters

Rather than a wheeled cart, you can also consider larger trailer "dumpsters". The difference between a cart and a dumpster that can roll on and off a haul trailer is really just size. "Roll off" containers start as small as 1 -2 cubic yards and can be custom made. See our Dumpster factsheet at <http://www.zendergroup.org/dumpster.html> .

If you are interested in a compartmentalized trailer for recycling, look at our recycling bins doc at http://www.zendergroup.org/docs/Recycling_bins.pdf .

Communities with collection carts

Feel free to contact any of the communities listed in this section to ask about the carts/trailers they use and any advice they may have.

Chefornak, Akiachak, Napakiak, These communities use the enclosed trailers pulled by ATV's purchased from Tag-a-long. Akiachak will be purchasing additional trailers in 2011 (the latest model) from Tag-a-long.



Contact information:

Chefornak: Kimberly Abraham 867 8306

Akiachak: Peter Evon 825 4626

Napakiak: Steven Maxie 589-2135

Hooper Bay and Scammon Bay, These communities use the enclosed trailers pulled by ATV's purchased from Tok Welding

Hooper Bay: Jonathan Smith or Bernard Murran 758-4122

Scammon Bay: Ekam Sundown or Nile Aguchuk 558-5427



Toksook Bay

Tooksook Bay also purchased Tag-along trailers in 2011 but had them custom-designed and they also have skis for winter use. The trailers were purchased through an ANTHC/RurALCAP Community demonstration grant that will specifically fit their community's needs. Toksook Bay will begin a trash collection program soon. For more information contact: David Nicholai, (907) 427-7114



Pedro Bay

Through an ANTHC/RurALCAP Community demonstration grant, Pedro Bay was able to purchase an ATV (Honda Big Red Model from Honda of Anchorage) and a trailer (from Tag-along) in 2010 that they will be using for hauling household trash to their disposal site. For more information contact: Gabrielle Baalke, (907) 850-2225, g.baalke@pedrobay.com See photos below of their ATV and trailer.



Ek

Ek purchased dumpster trailers from Summit Consulting but found they were cumbersome to operate for their circumstances and boardwalk/road conditions. They thought they were heavy, sometimes faulty, and took quite a bit of work to operate them. The bearings also went out on the trailer and the cable broke. So they switched to using open trailers (the ones for everyday use, i.e. hauling fuel, game, see photo to the right) for hauling trash and they work a lot better for their situation. For more information contact: Nick Carter, 536-5208 nick_a_carter@yahoo.com



Communities who have built their own collection bins/sleds

Several communities have built their own collection carts out of local materials. Here are a few examples:

Selawik

The Native Village of Selawik made their collection bin locally. Trash is put into a supersack which can be seen in the pictures below.



If you would like to contact Selawik to ask about their collection cart, contact Raven Sheldon at (907) 484-2006

Kipnuk

The Kipnuk Traditional Council (KTC), through an ANHB Solid Waste Demonstration grant, built ten wooden sleds to use as collection carts for waste in the winter and as stationary dumpsters during the summer months when their ATV carts are used. A Raven Americorps member and a local sled builder constructed the sleds from local materials. Contact Jimmy Paul 896-5515



Pictures from EPA's website: <http://www.epa.gov/epaoswer/non-hw/tribal/thirds/kipnuk.cfm>

Possible Funding Sources

- # USDA Rural Development Water & Environmental Programs
http://www.rurdev.usda.gov/UWEP_HomePage.html
<http://www.zendergroup.org/docs/usda.pdf>
- # RurAL CAP, Inc. <http://www.ruralcap.com/>
www.ruralcap.com/index.php?option=com_content&view=article&id=173&Itemid=249
- # For Additional Funding Sources & Information <http://www.zendergroup.org/funding.html>

Good reasons to start a trash collection program

- # People avoid the many health risks that are associated with visiting the dump.
- # Disease risks for the community are lowered.
- # Less dump injuries occur.
- # With less people accessing the dump, operations are better managed.
- # Cleaner and safer dump road and town roads to the dumpsite result.
- # A collection program stops the need for risky home barrel burning.

**NEED GUIDANCE AND ADVICE ON HOW TO START A TRASH
COLLECTION SERVICE IN YOUR COMMUNITY? SEE OUR COLLECTION
RESOURCES PAGE AT: <http://www.zendergroup.org/collection.html>**