

Before Lunch Regional Break out-YK Delta/Kuskokwim/Yukon/Calista Region Needs: What do you want to backhaul?

Doug: how to get people involved?

Incentives: donated fuel donation, donated water, sewer dumpsite collection services . People get a raffle tick for the end of the month

What to backhaul??

- White goods (microwave is considered a white good usually)
- Vehicles, snows
- Yellow metal (heavy equipment)
- Lead acid batteries
- Household batteries
- Fl. Light bulbs
- #1 bottles
- Oil (this can be reused)
- E-waste
- Contractor waste
- Hazardous waste

Other concerns: tires

plastic bags

#2

Backhaul is only one small component to the landfill. There's also covering, compacting,

Used Oil – what to do?

Question: If recycling facilities don't accept containers that hold oil, why can't EPA hold manufacturers responsible for taking those containers back? [this is a policy question – like Germany has]

Napakiak: some neighbors ask for oil who have oil stoves. Just make sure the oil is clean, not contaminated with other fluids.

Doug: you need an education and collection program to help be sure that the oil is kept separated and collected properly.

Napakiak : its collected in a large barrel.

Doug: Come up with signs, outreach, announcement on VHF.

Pop cans

- Pop cans: not too hazardous as is, unless burned.
They have a value
They have an outsource: ALPAR flying cans

They are the poster child for recycling
They are an easy starting point.
The money can go to funding other backhaul, or donated to community programs
Currently a .15 a can with ALPAR.
[Added: Recycling pop cans helps reduce greenhouse gases that contribute to climate change and it reduces health and environmental risks in aluminum mining communities.]

Tununak: they use VHF announcement to tell people about their recycling. They can give them their pop cans and the money generated can be donated to the church.

Q: What about tin cans?

A: Tins cans are scrap metal “yellow metal” would be better to send direct to Schnitzer steel (per Riley) if its not cleaned out Schnitzer doesn’t care because their facility is large as opposed to TR(total reclaim).

What to do about White goods ?

Problem with Freon
They’re bulky, take up a lot of room
Harder to get out.

Inventory: find out how many of these items you have

1. Inventory
2. Separate
3. Remove Freon from Fridges, freezers
 - Are there people trained?
 - Do you have equipment to remove?
 - If you do have the man power/equipment coordinate with other villages and who do
 - If you don’t have the man power and equipment, contact villages
4. Decide as a community:
 - Do you want to backhaul ? Do you have a place to stock pile? Do you have resources to crush and bury temporarily? Will it go out by air or by barge? Do the materials need pallets, totes or conexes?
 - Or landfill? Crush and bury
5. Stockpile
 - Do you have permission to use the land?
 - Are you prepared to stockpile for a few years?
6. Prepare to move
 - Contact airline or barge

- Get on their manifest
- Does the incoming barge have room- out going?
- Prepare phone tree for when the barge shows up and the materials need to move quickly
- What is your manpower?
- What is your transportation equipment availability?

Vehicles

Challenges:

Bulky

Full of oil and antifreeze-

Mercury switches- can you keep these in for backhaul??

Benefits:

They have a value

They can be reused

Leftovers can be staged for backhaul. Do you want to stockpile or backhaul

Sno gos: strip of plastic, crushed/flattened and put in landfill- don't burn

How to get from village to hub so the barge can take out.

Doug: I don't know how to set up the logistics of backhaul for your village, you will have to continue to discuss your options and efforts to coordinate with the communities in your area.

- Lead acid batteries

They have value

Can be easily stored in a tote

Can be shipped out by air or barge

Very toxic for the environment

Need special packaging for shipping

Is there a way to get batteries to a central location

Everts want to find a hub hopefully in Bethel,

Kotz and Nome have been hubs to take batteries and package them for ship out. Charge appropriately.

Is interstate paying \$3 a battery??

What about propane tanks?? They can't contain fluids, tops must be taken off. They have to be visually empty. They go out with steel, or maybe white goods.