

DRAFT Examples of Collection and User Fee Programs. Lessons Learned, Set-up, Fees, Equipment, and Contacts.

Community and Contact	Trash Collection/User Fees
<p><b>Eek</b>                      Nick Carter--536-5208,  <a href="mailto:nick_a_carter@yahoo.com">nick_a_carter@yahoo.com</a></p>	<p>The community of Eek was worried about protecting drinking water from dumpsite contamination and so they wrote a letter to UAF Cooperative Extension. Malcom Ford did a water sampling project there and, from the results, the community learned that germs from the dumpsite were being tracked back to the village, especially during spring thaw. After that report, they decided they needed to do something to protect the community's health. Eek also had problems maintaining the dumpsite because of uncontrolled burning of unseparated trash. Eek's solution was to start a trash collection program. They now have 2 solid waste operators for trash collection and burning, they work 3 days a week and burn when the winds are favorable. The village has 2 drop-off bins where people can take their garbage. If people can't make it to the drop-off site (most of the elders and others), the operators go to their house and collect it. The program is funded by IGAP and has been going for 3 years. People can still visit the dump and some people continue to self-haul and burn there. The City of Eek has an ordinance on separating burnable from non-burnable trash before burning and they're hoping to find funding to better enforce it. Trash is separated at the landfill by the solid waste operators. The IGAP department is doing a lot of outreach and is working with the community, hoping to have trash separation start at home. Trash is collected from the centrally-located bins by one trailer attached to an ATV. However, the bins and trailer that were purchased from Summit Consulting Services were found to be cumbersome to operate. They are very heavy, faulty, a lot of work goes into operating them, plus the bearings went out on the trailer and the cable broke. So the operators started using open trailers and they work a lot better. The bins are still used but are not moved any more. No user fees yet, businesses not paying, either. The store uses their own trailer to haul its trash. The IGAP department has been telling the community that they will have to start charging at some point because maintenance and personnel costs have to be covered. It is important to make people understand what a difference a collection program makes and how much better the dump is and how much lower community health risks are when the dump is managed. There has been a lot of change for the better. This program has been funded through IGAP for 3 years. They're looking at the scope of work and materials and are thinking that fees for residents would be ~\$20-30/month per household and higher for businesses. The community is split on paying a fee, but it is important to make them understand why it's necessary. Eek's advice for other communities looking to start a trash collection program is do it for the community's health. There are a lot of health benefits when separating trash and using a burn box. There used to be a lot of ravens at the dump, getting into the garbage bags and human waste and making a big mess. Then they go on the roofs of the houses and school and people collect rainwater from roofs. Now you can notice a big absence of ravens.</p>

<p><b>Toksook Bay</b> David Nicholai, 427-7114, <a href="mailto:nunakauyaktc@hotmail.com">nunakauyaktc@hotmail.com</a></p>	<p>Toksook Bay got a couple of different grants—an ANTHC community environmental demonstration grant and one from Coastal Village Services. It took a lot of collaboration and communication between the City, the Environmental Department, and CVS. They met once a month. Everything is in place to start program, just waiting for IGAP funding to come through so they could hire personnel. There are two entities involved, the City and the Tribe. Used City funds and will be hiring a couple of trash collectors. Each household will get 3 color-coded bins-one for burnable, non-burnable, and hazardous waste each. E-waste and lead acid batteries are still brought to the IGAP office. Already have all the bins but they're not distributed yet. The IGAP department has told the Council that sooner or later, they will have to charge a fee for this service. Then they'll have to negotiate with the City and Council for fees. There are no funds for a staging area so IGAP would like people to start separating trash at home. Have been doing a lot of outreach at Council meetings and school, as well as at any other public gatherings of any sort, like potlucks, etc. The community is showing interest and IGAP gets a lot of calls on when the bins will be available. People seem willing to participate. Need to come up with an MOA between the organization and community members. Have been having the kids come in and put labels and pictures on all the bins to designate what goes in them. People seem disgruntled about having to pay so they're thinking of starting with a \$5 fee per household and using their gaming department revenues for the rest. Thought about adding the fee to the water/sewer bill, but have to discuss with AVEC and ask if they can add it. Businesses would have to pay more because they have more trash. IGAP is really trying to stop people from bringing trash to the dump and want to eventually have it closed to the public and only open to the operators. Finally got a grant from the Alaska Legislature to clean up and improve dump and purchase a burnbox. The workers that they hire for trash collection would probably have to work full-time because the village is big and the average household produces 1 bag of trash every day. Will use an ATV with a trailer, maybe collecting only 1 bin (burnable, non-burnable or hazmat) on one day, another the next day, etc. RuralCAP purchased the bins for them. The Tagalong trailers were custom-made, discussed the design, have skis for winter, it took a long time and Ted and AJ helped. The advice of the environmental staff at Toksook Bay for other communities looking into starting a trash collection program is to have patience. Everything doesn't work out as planned but it will fall into place. One of the most important and effective ways to get the community involved is to do outreach.</p>
<p><b>Elim</b> Fred Daniels, 890-3737, <a href="mailto:backoff2boy@yahoo.com">backoff2boy@yahoo.com</a></p>	<p>Elim received an ANTHC/RuralCAP community environmental demonstration grant. Purchased an ATV and used a community member's wagon to collect trash. Had a sign up sheet where people can sign up for household trash collection for \$10/month. The first month was a free month to get people interested and 34 homes signed up. Collection was once a week or as needed. Had problems with people paying the fee so the program didn't last very long because it wasn't generating enough revenue to pay an operator and gas. Looking to get it going again. Fred is currently seeking a grant to supply wages for a solid waste manager.</p>
<p><b>Pedro Bay</b> Ben Foss, 850.2342, <a href="mailto:benfoss42@yahoo.com">benfoss42@yahoo.com</a></p>	<p>Built a transfer facility with an incinerator and just recently got a baler. Currently working on opening a new landfill. Looking to start a collection service this summer (2011). Thinking of having a fee of \$5 for 2 large black bags and \$3 for 2 kitchen bags per pickup and \$1 for extra bag. Aluminum cans would be picked up for free. If people separate their trash, it would also be picked up for free. People would call in for service, as</p>

	<p>needed. Trying to keep people from going into the landfill because of landfill control and contamination risks. Community seems to think it sounds okay. Charges for businesses would be the same per bag. Thought about having a fixed fee of \$50-100 because they have so much trash but decided against it. 19 years ago, there was a contract for \$25/month per household and had a trash collection program for 4 years. It was difficult to access all households in winter or summer time. From BIA used equipment program, got a couple of 30 ft connexes and RuralCAP paid for shipping. Through a RuralCAP grant purchased a Big Red Honda and a trailer (\$1100 from Wasilla for trailer), don't have a trailer hitch yet. Put in an access door at landfill facility for people who don't want to participate in collection program to drop off trash in a designated box. Then the workers will separate the trash. Looking for a new employee for 3 days/week, 4 hrs/day.</p>
<p><b>Togiak</b> Shannon Nanalook, 493-5821, <a href="mailto:miss_nanalook@yahoo.com">miss_nanalook@yahoo.com</a></p>	<p>Program has been in place for over 10 years, since new landfill was opened. There are 20-30 metal dumpsters located throughout the community, where 5-10 households use one dumpster. They used to have plastic covers to keep trash contained but the latches broke and there is a lot of wind-blown litter now. It gets picked up when it gets really bad. Dumpsters are emptied 3 times a week (with an extra pickup after holidays) with a garbage truck and trash is taken to dump for burning. The operators wear steel-toed boots, goggles, and gloves when handling trash. Collection fees are \$10/month per household (~230 households, but not all pay). Thought about adding bill to water/sewer. The collection fee for businesses depends on how many dumpsters they use—the store pays \$100/month for one dumpster, school pays \$200/month for 2 dumpsters, smaller businesses pay \$40/month and the lodges pay \$150 per boatful of trash. Burning is carried out in a burnbox at the end of the day, when winds are away from town. While people are supposed to be doing trash separation, there is no easy way to do that because there are no separate containers or dumpsters for burnables and non-burnables. The operators do as much waste separation as possible without actually going through people's garbage. The City owns the land the landfill is on and runs the program. City pays for operators' salary, program equipment, and gas. IGAP runs the recycling program—cans, lights, ink cartridges, toners, alkaline batteries. Lead-acid batteries are dropped off in City shop. City announces via vh scanner to bring out batteries and they're picked up by side of the road. There hasn't been a lot of outreach but IGAP is hoping to do more with their new workplan. They would like to focus on trash separation &amp; recycling so the smoke is not so bad. Residents still go to the dump but only to the salvage area. They're pretty good about leaving trash undisturbed. The landfill is open to the public during posted summer and winter hours, except during burning. The program works pretty well, but more dumpsters are needed. Need to work on trash separation—maybe have different color trash bags for burnables and non-burnables, or different dumpsters. Having a collection program has improved dump a lot. There used to be burning trash everywhere. People used to burn everything in 55-gallon drums. Now that the new landfill is open, people really like not having to self-haul trash.</p>
<p><b>Napakiak</b> Joseph, 589-2140, <a href="mailto:napakiakepa@yahoo.com">napakiakepa@yahoo.com</a></p>	<p>There are Tagalong trash bins throughout the village where people can dump trash. Bins are emptied twice a week by attaching to an ATV. It is free of charge. People can also self-haul, the dump is open to public. Not too many complaints about program, but more trash bins are needed.</p>

<p><b>Yakutat</b> Maryann Porter, 784-3238 X 236, <a href="mailto:maporter@ytttribe.org">maporter@ytttribe.org</a></p>	<p>Ted Jacobson from RuralCAP was recently there and he assessed landfill. He recommended implementing a blanket fee for households and businesses and maybe even B&amp;Bs during high season for disposing of trash at the landfill and landfill operations. The Solid Waste Committee has made an official recommendation to the City. Currently, people take their trash and drop off in a designated area free of charge. Landfill operator separates trash and burns in a pit when winds are favorable. There is a community member who uses his own pick up truck and collects trash once a week from people who sign up for \$52/month and takes it to dump.</p>
<p><b>Koyuk</b> Freida <a href="mailto:Moon-Kimoktoak--koyukenvironment@arctic.net">Moon-Kimoktoak--koyukenvironment@arctic.net</a>; 963-3651; Ivett from City, 963-2456, <a href="mailto:tkauti@hughes.net">tkauti@hughes.net</a></p>	<p>City handles trash collection program. The program has been going since 1998. Seems to be working pretty well. Household trash collection twice a week for \$25.50/month for residents and \$81.60/month for businesses. Some people separate burnables from non-burnables. The garbage truck is a flat bed Ford F350, trash goes in back and is taken to dump for burning in burnbox. Community members don't really visit dump and don't burn trash. There are 2 operators who work 4 hrs/day. IGAP also does large item pick up in spring and fall. There is a separate bill for trash collection, not everyone pays. Collection has helped a lot of people who can't make it to dump on their own, like the elders.</p>
<p><b>Mekoryuk</b> Bessie Weston, 827-8828</p>	<p>Trash collection is \$15/month for residents and \$30/month for businesses. Program has been running since at least 2007. Collection is once a week. Anyone who wants service comes to IRA and prepays, then collector picks up from household and takes to dump for burning in burnbox. 1 worker hired through IGAP, 5 hrs/day, 1 day/wk. Participation is low, in the summer there are only 6 households that do it. Dump is self-haul. Collector burns what he collects; residents burn own trash when disposing at dump. Collector uses an ATV with cage trailer. The biggest obstacle has been to get community involved. Recently purchased a printer and will post posters throughout community. Not a full-grown program yet, looking to expand. Have been using Zender website for materials.</p>
<p><b>Newhalen</b> City operates program, 571-1226</p>	<p>The City manages the landfill. No trash collection, landfill is self-haul. After big fire at Iliamna, they have people watching the dump regularly. Residents pay \$30/month per household to have their trash burned by the landfill operator. Businesses pay \$300/month. Fees have been in place for a long time. Operator works 2 hrs/day, 4 times a week. There are separate piles for non-burnables (metal, batteries, furniture, etc.) and burnables and residents are responsible for putting trash in appropriate pile. Having an operator do the burning has made a big difference. Before that, everyone used to burn their own trash. Residents don't mind paying the fee and almost everyone pays.</p>
<p><b>Tetlin</b> Patricia Young, 883-1268</p>	<p>Working on starting a trash collection program. Have 3 Tagalong trailers that attach to ATVs. Got them because of animals (moose, dogs, bears). Will place trailers in different neighborhoods around town, especially near elders' houses. Don't have an operator currently so there is no one to pick up and empty the trailers. Will have to be operated on a volunteer basis and considering using GA workers. Service will be free at first. The village is really spread out and people would still have to go a long way to get to one of the three trailers to dump their trash, so they won't want to pay. Only half of the village is plumbed so we can't add the bill to water/sewer. Have an ANTHC community environmental demonstration grant for the trailers and ATV. Starting small scale. Pursuing other funding for a full-time paid operator and more trailers. Landfill is pretty</p>



	<p>nice, it has a road, it's fenced in. Trailers will be emptied once a week. In the future, considering a \$15-20/month fee per household. There are no businesses in Tetlin but thinking of charging school and council building more because they produce more trash. There are ~140 people so will need 6-10 trailers. Fees are in Solid Waste Management Plan. Ideally full-time operator will pick up trailers and also operate burnbox. Would have to work with community to separate trash at home. Will do lots of outreach. They have a monthly newsletter that is sent out to everyone. Have good turn out at any meetings. Have a recycling center where e-waste, batteries, cans, lights are collected. The biggest obstacle so far has been securing regular volunteers to empty trailers.</p>
<p><b>Algaaciq (St. Mary's)</b> Ursula Prince, 438-2935, <a href="mailto:algaaciq_epa@yahoo.com">algaaciq_epa@yahoo.com</a>; Sven at City, 438-2515</p>	<p>The City runs the program. Household collection, twice a week, with a garbage truck. Once a week for burnables, once a week for non-burnables. Fees are \$10/month per household, added to water/sewer bill. Businesses pay @1,200 annually. The City is in the process of making it mandatory for the operator to handle all trash. Currently, some people still go to dump. IGAP provides quarterly newsletters to do education on recycling and trash separation. Program has been going for at least 12 years, probably more. Works out really well. Only downfall is having enough funding. Most people pay their bill and collection stops if they don't pay. Have 2 operators, one drives, one picks up and crushes. Have on-call workers, if regular operators can't make it. Operators have attended RALO training, had the training in Algaaciq. Operators carry out burning in a burnbox, when winds are away from town. Landfill is maintained pretty well. No one is allowed to burn trash. It's a big improvement. Before there was trash everywhere. They were trying to control the dump by having hours, etc. but it was hard because people would just throw their trash outside when dump was closed. Looking into having ordinances for C&amp;D waste.</p>
<p><b>Chignik Bay</b> Jeanette Carlson, 749-2481</p>	<p>Have 3 dumpsters. Used to be 2 but used left over funds from IGAP to get 3<sup>rd</sup>. Ordered them custom-made from Bob's Services in Anchorage. They work really well. Dumpster attaches to garbage truck and is hauled to dump and emptied. Dumpsters are placed in the busiest part of the village. Dumpsters have huge doors on both sides. There are steps built in too, for easier access. The first two trailers were \$5700, they were trucked to Homer for ~\$1,200 per dumpster and then were put on barge for another ~2,000. Last dumpster was \$7,200. They're great, don't dent, don't rust. Fees are \$37/month per household, \$1,200/month for Trident Cannery. Cannery produces a lot of trash, garbage truck has to go 3-4 times a day to pick up. Some people still go to dump. Open pit burning. Large items are self-haul. There are several separate piles at dump for metal, white goods, tires, etc. There is 1 operator that empties the dumpsters. Once a week in winter or when they're full and twice a week in summer. Fees are added to water/sewer bill. Have had dumpsters for 10-12 years.</p>
<p><b>Ft. Yukon</b> IGAP 662-2581, City 662-2479</p>	<p>City runs program. Trash is picked up from households once a week at no charge with a garbage truck. Businesses pay \$100/month.</p>
<p><b>Chignik Lagoon</b> Delissa McCorkick, 840-2281</p>	<p>There are 4 centrally located dumpsters around the community for people to drop off their trash. Elders can get household collection, if needed. Residents do not visit the dump regularly. Dump is locked and access is</p>

	by appointment only. If residents choose to take trash to dump, charges are \$10 per truck load or \$30 for commercial load. The dumpsters have been in the community for a few years and are the same ones that Chignik Bay has, ordered custom-made from Bob's Services in Anchorage (see photos). The dumpster attaches to the garbage hook truck (again same as the one in Chignik Bay) and is hauled to burn site out of town, where trash is burned. There is one worker who operates this program. Residents do not pay user fees.
<b>Kasigluk</b> IGAP, Annie Andrew 477-6032, <a href="mailto:akandrew_IGAP@yahoo.com">akandrew_IGAP@yahoo.com</a>	Trash collection program has been in place for a few years and is run by the Tribe. Residents who would like their trash picked up have to go in and pre-pay. It is \$10/month for household pick-up. About 30% of the community participates and the rest haul their own trash to the dump. Businesses haul their own trash. Soon Kasigluk will have water/sewer and would like to add the trash bill to that utility bill. Refuse collectors are paid from the Tribe's general funds. Trash is picked up using an ATV hooked up to a trailer, a snowmachine with a sled, or a boat in summer. The trailer and the sled were custom-made by the Tribe (see photos).
<b>Angoon</b> Walter Jack, 788-3411, ext. 30; <a href="mailto:agn.tribal@gmail.com">agn.tribal@gmail.com</a>	The City operates a household trash collection program twice a week. Businesses haul their own trash. Fees are \$10/month and are added to water/sewer bills, but people don't always pay them. Trash collection was carried out using a 10-yard truck but it broke down. While repairs are underway, the City is using a flat-bed truck to pick up garbage. The school pays \$100/month and businesses pay \$75/month.
<b>Nome</b> Anahma Saito, 443.4249	Household collection with a garbage truck once a week; \$50/month , on electricity bill, program has been going on for a few years.
<b>Pilot Station</b> Martin Kelley 549-3373	A trash collection program is in the FY12 IGAP workplan. IGAP is expecting to hire 2-3 workers who would spend 15 hrs/week total for trash collection. The Tribe has an ATV and a cart, which will be used for collecting garbage from households. The fee will be at least \$5/month.
<b>Chignik Lake</b> Inez O'Domin, 845-2888, <a href="mailto:chigniklake_igap@hotmail.com">chigniklake_igap@hotmail.com</a>	There are around 20 custom-made trailers that are located throughout the community for residents to drop off their trash. Dumpsters with lids were made out of wood by the Tribe and placed in the community 5-6 years ago. One worker empties dumpsters into a flat-bed truck and takes trash to dump twice a week. Residents receive a garbage bill for \$10/month. The program works pretty well and people have stopped going to the dump to haul their garbage.
<b>Brevig Mission</b> Alfred Kiyutelluk at City, 642-3038	Trash is picked up from households once a week. User fees are \$20/month together with water and sewer bill. About 80 households participate. Program has been going on for a long time and seems to work pretty smoothly, no complaints from residents. There are two refuse collectors that have been trained and certified. They work 3 days a week, 5 hrs a day. Trash is picked up with an ATV and a cart, which the City made. The cart is basically a big box on wheels, made out of wood and iron, and is 5x10 feet. Trash collection is year-round.
<b>Teller</b> Joylynn Kutzruk at City, 642-3401	Trash collection program has been operating for quite a while. User fees are ~\$30/month for residents and a separate garbage collection bill is sent out every month. Trash is picked up from households by a pick-up truck and, if that is not available, by a 4-wheeler and cart. Everybody's trash is picked up and residents do not

	go to the dump to self-haul. There are 2 workers and 2 more as alternates, if regular workers are not available.
<b>Shaktoolik</b> Ellen Hunt, 955-3701	Program started about a year ago, it was in workplan. User fees are \$15/month for residents and \$45/month for businesses. Interested residents have to come in to IRA to enroll and pre-pay. More than half of the community is enrolled and the rest self-haul. Trash collection is Monday, Wednesday, and Friday from enrolled households. There are two workers who work 4 hrs a day, three days a week. Pick-up is by 4-wheeler and metal cart (~6x8 ft, no lid) and by snowmachine with sled in winter.
<b>Igiugig</b> Christina Salmon 533-3211 <a href="mailto:christinasalmon@hotmail.com">christinasalmon@hotmail.com</a>	Folks take their trash and recyclables to a central recycling center where there is a trash trailer, recycling bins, a glass crusher, and baler. The trailer is driven to the landfill. The landfill is always locked and no one is allowed in except the operator. Igiugig uses interns to collect trash from elder's homes. They charge everyone a \$10 monthly fee that is a line item on the utility bill. As an incentive, folks who participate in community cleanup get half off their fee, and everyone pays. To help pay for the landfill and pay a fair share, Lodges are charged significantly more.

See our collection page for further information and resources <http://www.zendergroup.org/collection.html>