

Introduction to

Capturing Your IGAP Successes

To help you tell your story

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ANTHC provides Statewide Services to Alaska Tribes with Base funding under GAP

Includes: 7 Generations Training and Education
Community Climate & Health Assessments
LEO - Local Environmental Observer Program
Assistance with Community Environmental Planning
Climate Change Education

ANTHC received 75 resolutions and letters of support from Alaska tribes for these efforts



New EPA Requirement...

Success Stories and Lessons Learned:

Beginning in October 2013, EPA requires that all grantees submit a write-up describing successes and lessons learned at least once during a four year grant cycle.

Special Projects Grant recipients (last year) – your success story is due December 31, 2012

Tribes including Workplan commitment this year – your success story is due September 30, 2013

The Write-up:



- Must be included as an IGAP work plan commitment.
- One-page summary focused on a particular task, project or a highlight of work performed during the multi-year GAP grant.
- Include before/after pictures.
- If appropriate, it should include data (such as what materials were used or collected by weight, volume or specific category)
- Provide a description of how the GAP funding affected behavior or led to a positive change in the environment.



Algaaciq Woodstove Change-out - St. Mary's



Sustain Angoon Project

What is a success story?

Success - The accomplishment of an aim or purpose

“Completing your GAP work-plan component to the
best of your ability”

Why is your story important?

You know all about the good work you've done, but does everyone else?


- Current & future funders
- Future staff
- Your employer
- Local/regional/state/federal/
international partners
- Neighboring communities
- Recognized health improvements

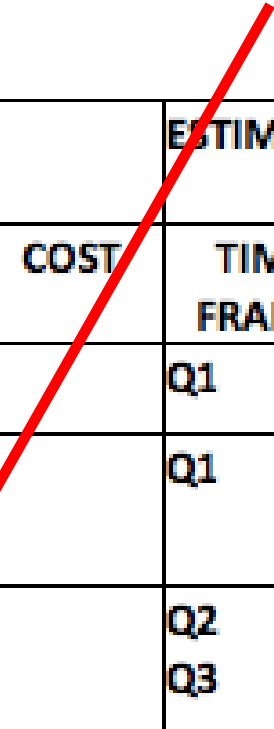


Photo Courtesy: Santina Gay

Writing it into your GAP work-plan

A sample GAP work-plan commitment and deliverable:

General Assistance Program Work-plan for FY13				
Tribe: Community A Tribe				
Region: 10				
Work Plan Period Begin: October 1, 2012 End: September 30, 2013				
Work Plan Component 1: <u>Backhaul of Old Vehicles</u> –  Your GAP Component (project)				
Intermediate/ Long-term Outcomes				
* Healthier Alaska communities.				
Short-term/ Intermediate Outcomes				
* Risk to local waters reduced.				
ESTIMATED COMPONENT COST: \$10,000.00			ESTIMATED COMPONENT WORK YEARS:	
FTE: <u>Env.</u> Coordinator, <u>Env.</u> Assistant, Laborers				
COMMITMENTS		COST	TIME FRAME	OUTPUTS AND DELIVERABLES
1.1	Community A tribe will hire laborers		Q1	* Job announcements
1.2	<u>Laborers</u> and Environmental staff will attend backhaul training.		Q1	* Training certificates.
1.3	Vehicles will be prepped and backhaul will take place.		Q2 Q3	* Before and After photos * Inventory Log of chemicals drained and pounds backhauled.
1.4	Develop a one-page summary of the backhaul project and submit to EPA		Q4	* Summary page with before and after pictures and numbers from the inventory log.



Your GAP success story commitment

Elements of a success story...

Who

Did you hire workers to complete your project?
Were there partners, volunteers, youth, or elders?

What

What steps were taken to allow your project to happen?
Keeping a timeline of events is helpful.

Outputs

Look at everything you've developed for the project.
Pictures, video, brochures, data, etc.

Benefit

Why did you want to do your project in the first place? Did it improve the environment & health? Reduce risk? Etc.

Result

Now put it all together into a 1 page summary. Tell your story by combining all of the above elements. Paint the picture of the “real” rural Alaska.

ALL PROJECTS DON'T TURN OUT AS PLANNED but there are Lessons Learned...

“A lesson learned documents the experience gained during a project. These lessons come from working with or solving real-world problems. Collecting and disseminating lessons learned helps to eliminate the occurrence of the same problems in future projects.” (Nick Milton)



Native Village of Tununak Landfill Fence Project

Common things that might go wrong and are out of your control...

- Weather – in Alaska it happens!
- Shipping Schedules
- Banning Plastic Bags
- Passing an Ordinance
- Local Participation
- Technology
- Community Acceptance and buy-in.

Persistence and Perseverance

147 = The # of attempts the Wright Brothers made to get their plane to fly.

805 = The # of times that Thomas Edison tried to get the light bulb to work.

Stop using “We tried that before” as an excuse to give up. Trust your ideas and be willing to try again in a slightly different way.



Tools

Capturing your project from beginning to end

T e c h n o l o g y



The above are examples of tools that have been used to capture success stories.
EPA and ANTHC does not endorse any particular brand or model.

Before & After Photos



King Cove Used Oil Project



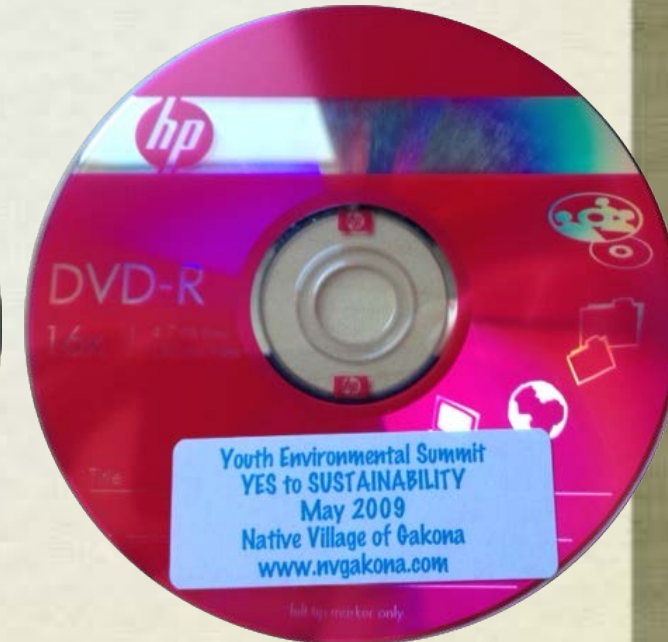
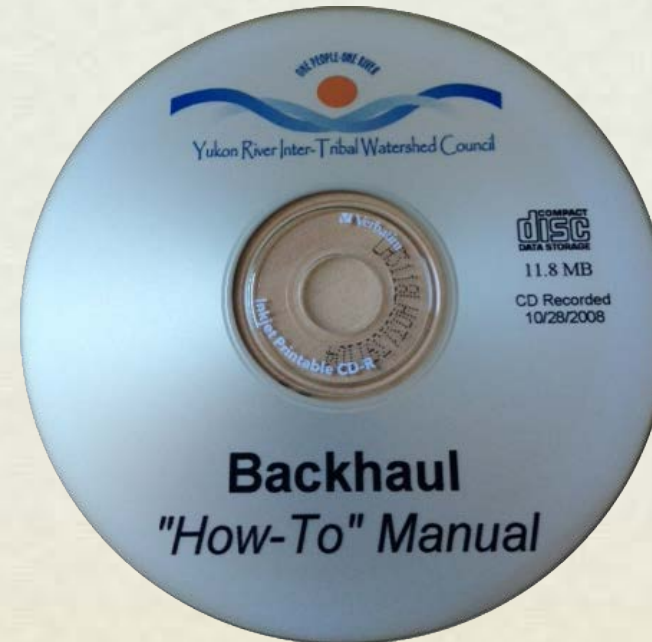
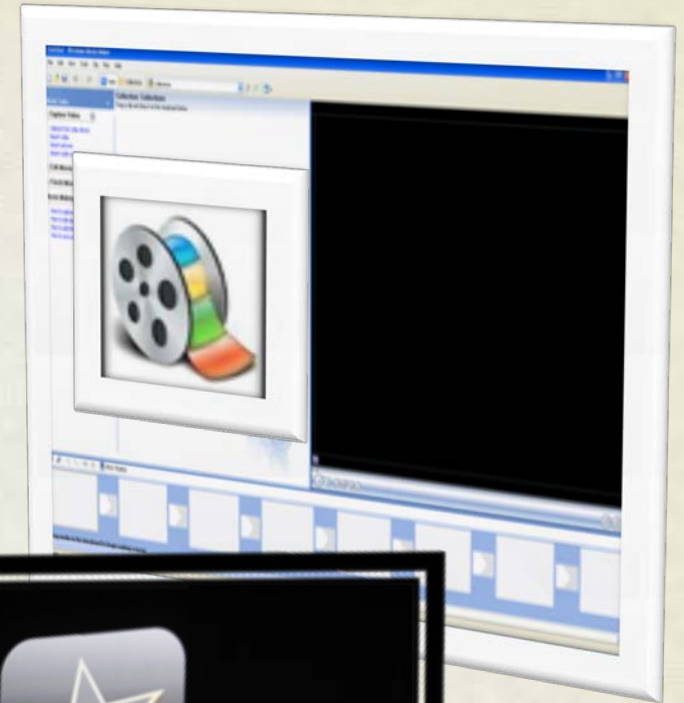
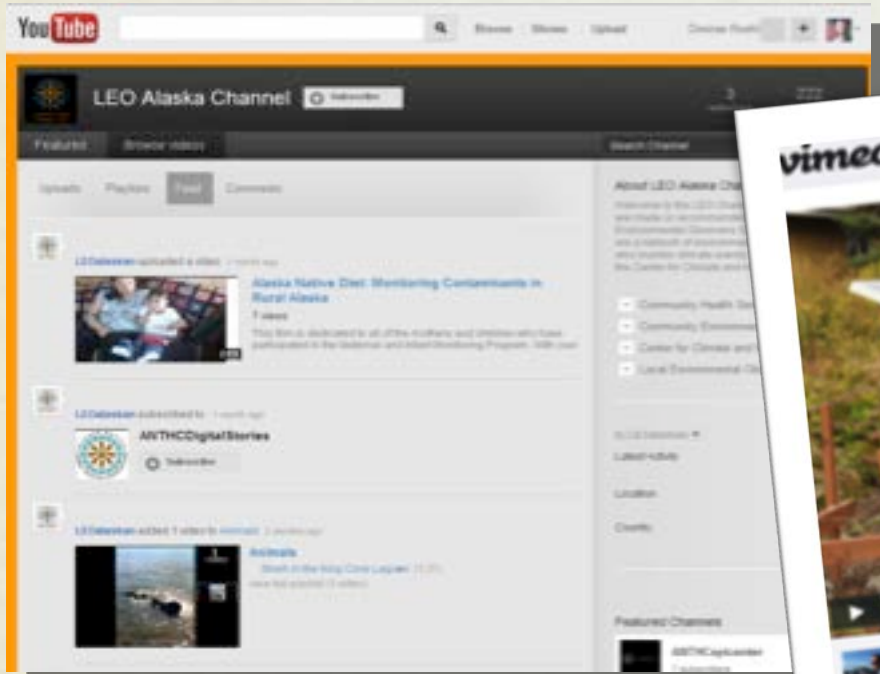
Port Graham Old Dumpsite Clean-up



Unga Abandoned Drum Clean-up



Creating & Sharing Your Videos...



Other Useful Tools...

Brochures

Fliers

Radio

Newspapers

Facebook

Free websites

Presentations

Flickr

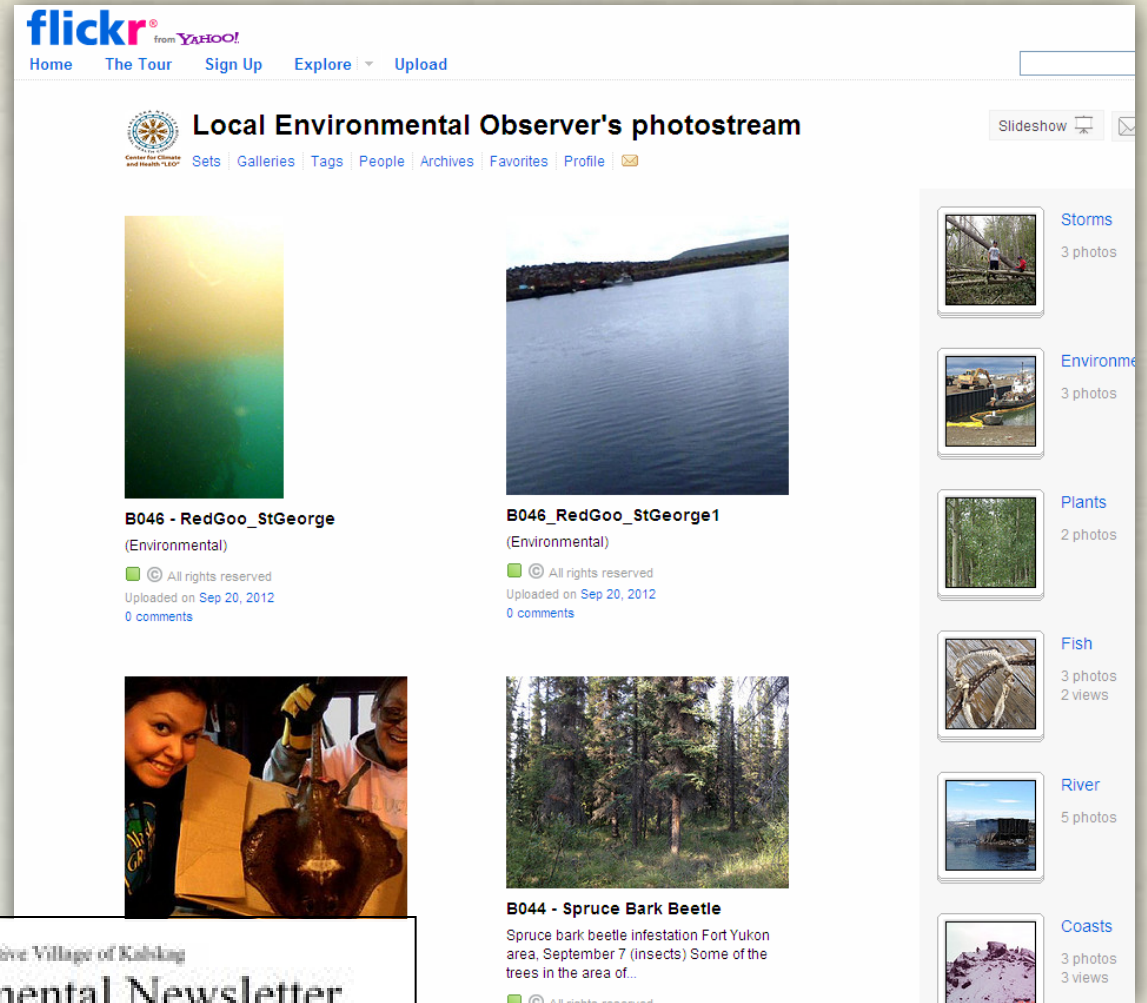


Native Village of Eyak
Recycling Radio Ads

Recording
#1



Recording
#2



The Burnbox Unit

What is it?

The burnbox is a large welded container built to sustain high temperatures.

Who operates it?

The landfill operator will be the only person allowed to operate the burn unit.

Benefits?

Reduces the volume of trash and increases the lifespan of the landfill.

Eliminating the attraction of animals to the dumpsite by reducing the waste to ashes.

By having only the landfill operator allowed in the dumpsite, community members will no longer track contaminants on the roadways and breathing in contaminated dust will be eliminated.

Reduces the threat of fire danger by eliminating open burning in the landfill.

Holy Cross Tribal Council
IGAP Department
P.O. Box 89
Holy Cross, Alaska 99602
907-431-1199

Box Holder
Holy Cross, AK 99602

Holy Cross Landfill



Landfill Waste Management for a healthy community.

Learn more about the Tok Burn Unit and how it benefits our community.

Project Objective:

To begin a used oil recycling program in the community by setting up collection points, installing a used oil furnace and educating community members about the importance of properly disposing of the used oil to reduce energy costs and minimize risk to human and environmental health associated with the improper disposal of used oil.

Results:

The Traditional Council of Togiak purchased an Energy Logic furnace and with help from the housing authority, installed it in their Tribal building/clinic to provide supplemental heat to help minimize heating costs. They created used oil collection points in the community with supplies provided by the Alaska Forum. A presentation was done during a community gathering to educate people about the project and about proper oil disposal.

Benefits:

- Residents are more educated about the negative health effects associated with burning used oil in stoves, heaters and burn barrels.
- Since there are now collection options available in the community, residents will be less likely to dispose of used oil improperly and burn in their stoves.
- Cleaner, healthier environment and residents.
- Once completely operational, there will be decreased energy costs and the use of diesel heating fuel. The Tribe will be able to do pre and post cost comparisons.

Lessons Learned:

- Research your product well.** Before receiving the CEDP grant to purchase a used oil furnace, they purchased a SmartAsh burner and the SmartHeat attachment and were planning to install. Unlike the used oil furnace which was specifically designed to utilize used oil to provide heat, the SmartAsh system would have been extremely inefficient for the intended purpose and not as safe to operate.
- Additional parts might be necessary.** After receiving the used oil furnace and the installation began, it was realized that in order to install it to run with the existing heating system, more parts would be needed. This created an unexpected delay and an additional expense.
- Know your training.** A local tribal member was sent to boiler training, in hopes that he would learn valuable information about installing the used oil furnace. The training that was selected was not beneficial for this type of installation. Ask the vendor if they offer training or if they know who does.

For more information:

Togiak Environmental Department * Francisco Kariakopos * PH: 907-433-5821 * frank@togiaktribe.com
ANTHC project website: <http://www.anthc.org/ahs/ahs/2010/06/06/used-oil-recycling-grants-06/>

TRADITIONAL COUNCIL OF TOGIAK



Used Oil Recycling Project



Funding provided by ANTHC through the Community Environmental Demonstration Grant Program made possible with the Alaska Tribal Multi-Media Grant from the EPA.



BURN BOX USER GUIDE

The IGAP program goal for the burn box operation is to have effective combustion that does not pose a fire hazard or generate black smoke (air pollution).

HOUSEHOLD WASTE SEGREGATION

Items that go into the burn unit must be strictly controlled to maintain a safe and effective operation. Each household

must make sure their waste is segregated for recycling, burn box, or landfill disposal. The following guidelines should be followed for separating your household waste at home before bringing it to the landfill or recycling drop-off.

RECYCLING:

All types of household batteries

All types of vehicle batteries

Old computers

Printers

Ink cartridges

Hot water heaters

Ranges

Refrigerators

Freezers

Washers/Dryers

Electronics

Copiers

Old trucks, four wheelers snow machines, etc.

Aluminum cans

BURN BOX:

Paper (newspaper, office paper, non-glossy paper)

Food scraps

Wax coated fish boxes

Small pieces of (untreated) wood

Natural fiber rope

Cardboard

LANDFILL DISPOSAL

Glass

Carpet

Treated wood

Plastics

Tires or other rubber products

Foam/Styrofoam

Scrap metal

Propane bottles

Diapers

Synthetic fish nets & rope

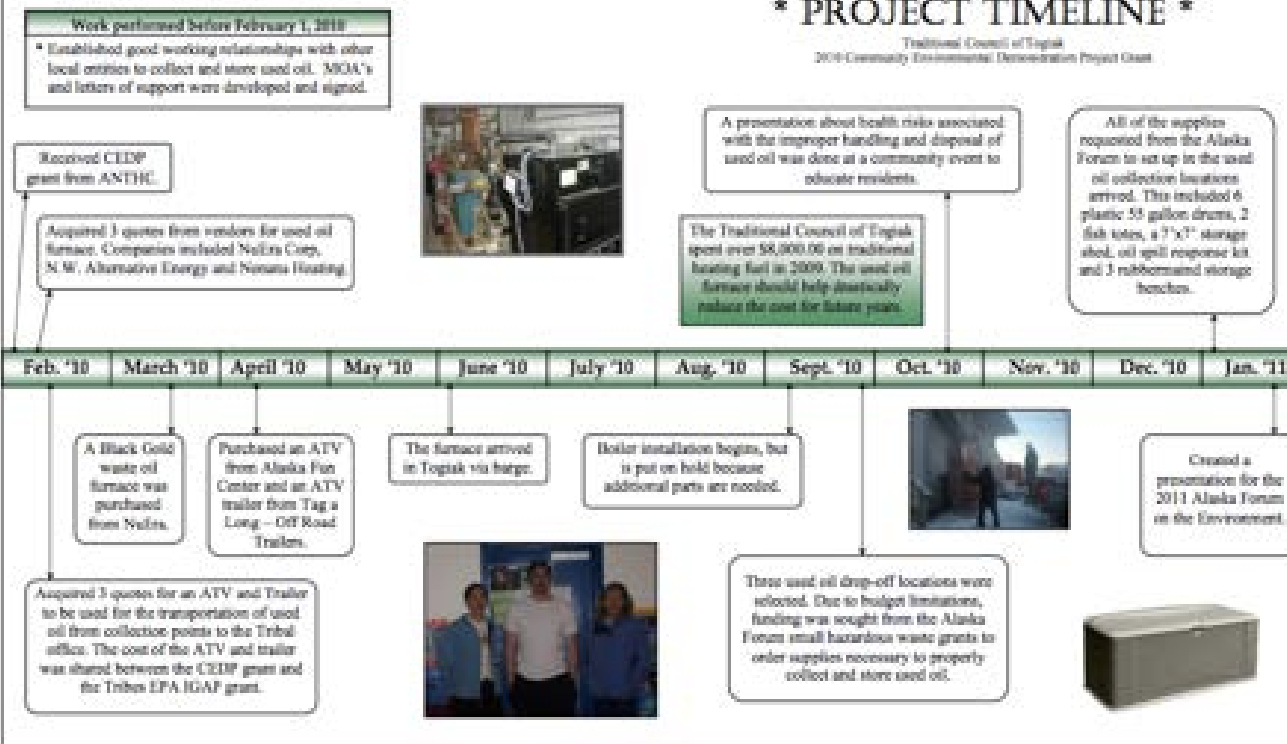
Building materials (insulation, wiring.)

Furniture

Appliances (Toaster, blender, etc.)

* PROJECT TIMELINE *

Traditional Council of Togiak
2010 Community Environmental Demonstration Project Grant



Collecting data

- Recycling weights and dates
- Number of people served
- Number of jobs created
- Number of presentations made
- Sampling numbers
- Survey Results



	1/2 lb	5 lb	1/4	Total
Paper	3.1 lb	0.1 lb	0	3.1 lbs
Cardboard	12 lb	0.1 lb	0	12.1 lbs
Plastic	0.2 lb	5.1 lb	0	5.3 lbs
Aluminum	5.1 lb	18.1 lb	2.1 lb	25.3 lbs
Batteries	0	4.1 lb	0	4.1 lbs

	How Many Collected
Lead Acid Batteries	1
Tires	0
Drums	0
	3
	10
	0

	Gallons
Used oil	5
Anti-freeze	0
	4
	3
	2
	0
	11 gallons
	3 gallons



Courtesy: Doug Huntman

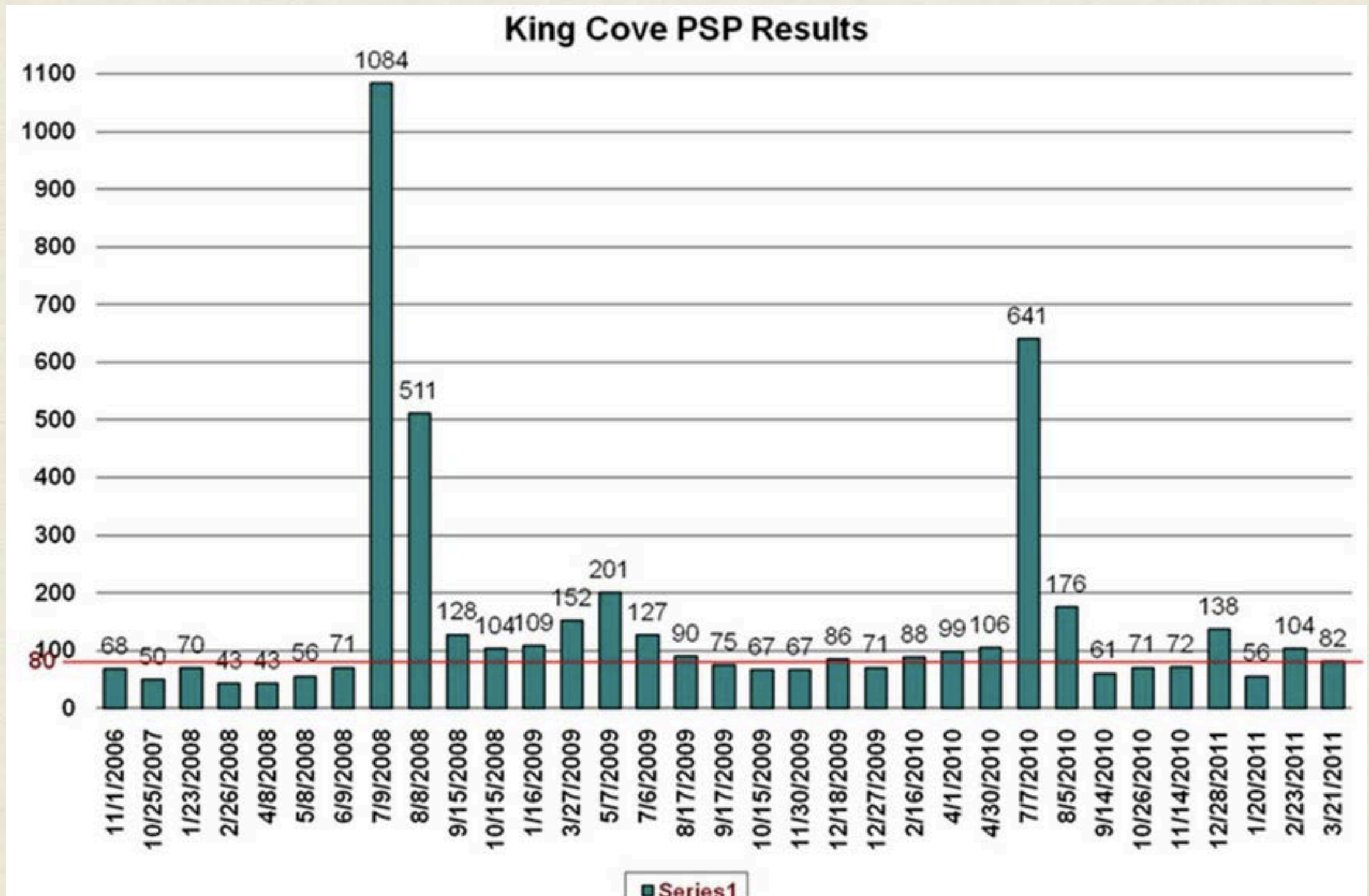
Example:

Month : August 2012											
<i>Date of Collection:</i>	<i>8/7</i>	<i>8/10</i>	<i>8/14</i>	<i>8/17</i>	<i>8/21</i>	<i>8/24</i>	<i>8/28</i>	<i>8/31</i>			
	Pounds Collected	Pounds Collected	Pounds Collected	Pounds Collected	Pounds Collected	Pounds Collected	Pounds Collected	Pounds Collected	Total pounds collected	Total pounds backhauled in month	Total to storage
Mixed Paper	3.1	0	0	0	0	1	8.2	0	12.3	0	12.3
Cardboard	0	0	0	0	0	1.5	0	0	1.5	0	1.5
Plastic	0	5	0	4.5	0	2	0	1.1	12.6	0	12.6
Aluminum	5	13	2	3.4	0	7	8.4	4.1	42.9	29	13.9
Household batteries	0	4	0	1.3	0	3.7	0	0	9	9	0
Total Pounds collected	8.1	22	2	9.2	0	15.2	16.6	5.2	78.3	38	40.3
	Number Collected	Number Collected	Number Collected	Number Collected	Number Collected	Number Collected	Number Collected	Number Collected	Total collected	Total backhauled in month	Total to storage
Lead-Acid Batteries	1	0	3	0	0	2	0	0	6	0	6
Vehicles	0	0	0	0	0	1	0	0	1	0	1
Refridgerator/Freezer	0	0	1	0	0	0	0	4	5	0	5
Tires	0	0	10	6	0	0	0	1	17	0	17
Drums	0	0	0	14	0	0	0	1	15	0	15
Total collected	1	0	14	20	0	3	0	6	44	0	44
	gallons collected	gallons collected	gallons collected	gallons collected	gallons collected	gallons collected	gallons collected	gallons collected	Total gallons collected	Total gallons recycled in month	Total to storage
Used Oil	5	4	2	6	0	2	1	0.5	20.5	10	10.5
Anti-Freeze	0	3	0	1	0	1	0	0	5	0	5
Total collected	5	7	2	7	0	3	1	0.5	25.5	10	15.5
					*No collection						

Example:

RECYCLE PROGRAM LOG 2012	August			September			October			November			December			Year Total		
	Pounds Collected	Backhaul	Total In Storage	Pounds Collected	Backhaul	Total In Storage	Pounds Collected	Backhaul	Total In Storage	Pounds Collected	Backhaul	Total In Storage	Pounds Collected	Backhaul	Total In Storage	Pounds Collected	Backhaul	Total In Storage
Mixed Paper	12.3	0	12.3	0	12.3	0	5	0	5	1.5	0	6.5	10.6	0	17.1	29.4	12.3	17.1
Cardboard	1.5	0	1.5	5	6.5	0	0	0	0	16.2	0	16.2	18.2	0	34.4	40.9	6.5	34.4
Plastic	12.6	0	12.6	6.2	18.8	0	3	0	3	4.2	5	2.2	12.1	0	14.3	38.1	23.8	14.3
Aluminum	42.9	29	13.9	32.1	46	0	30.5	15	15.5	32.4	25	22.9	41	10	53.9	178.9	125	53.9
Household batteries	9	9	0	0	0	0	2.8	0	2.8	3	0	5.8	4.5	0	10.3	19.3	9	10.3
Total Pounds collected	78.3	38	40.3	43.3	83.6	0	41.3	15	26.3	57.3	30	53.6	86.4	10	130	306.6	176.6	130
	Number Collected	Backhaul	Total In Storage	Number Collected	Backhaul	Total In Storage	Number Collected	Backhaul	Total In Storage	Number Collected	Backhaul	Total In Storage	Number Collected	Backhaul	Total In Storage	Number Collected	Backhaul	Total In Storage
Lead-Acid Batteries	6	0	6	10	16	0	0	0	0	2	0	2	1	0	3	19	16	3
Vehicles	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0
Refridgerator/Freezer	5	0	5	6	11	0	2	0	2	0	0	2	3	0	5	16	11	5
Tires	17	0	17	23	40	0	1	0	1	0	0	1	0	0	1	41	40	1
Drums	15	0	15	17	32	0	3	0	3	4	0	7	0	0	7	39	32	7
Total collected	44	0	44	56	100	0	6	0	6	6	0	12	4	0	16	116	100	16
	Gallons Collected	Backhaul	Total In Storage	Gallons Collected	Backhaul	Total In Storage	Gallons Collected	Backhaul	Total In Storage	Gallons Collected	Backhaul	Total In Storage	Gallons Collected	Backhaul	Total In Storage	Gallons Collected	Backhaul	Total In Storage
Used Oil	20.5	10	10.5	7.5	18	0	5	0	5	3.1	5	3.1	0	0	3.1	36.1	33	3.1
Anti-Freeze	5	0	5	10	15	0	2.1	0	2.1	2.6	4.7	0	0	0	0	19.7	19.7	0
Total collected	25.5	10	15.5	17.5	33	0	7.1	0	7.1	5.7	9.7	3.1	0	0	3.1	55.8	52.7	3.1
<i>*Started Program</i>			<i>*Barge Backhaul on 9/29</i>															

Example:





Napaimute Alternative Energy Project

What might a one page success story
summary look like?

EPA Tribal Success Story Template:



Tribal Environmental Success Story Template *(GAP Funded Program Activities Only)*

1. Submitting Region:
2. Tribe Name:
3. Short description of tribal nation
(location – rural/urban, reservation size, population, etc.):
4. What category of environmental need is the tribe seeking to address with this program?
(Protect surface water for ceremonial activities, drinking, fishing; eliminate midnight dumping, etc.):
5. Is the program the tribe is seeking Regulatory or Non-regulatory?
6. Short description of environmental program
(FTEs involved, how long to complete this task, etc.)
7. Anticipated completion date:
8. How has/will development of this program benefit the tribe
(i.e. increase # of reservation residents with safe drinking water)?
9. Please submit any pictures or graphics that you may have related to this project.

Example Tribal Environmental Success Story:

Tribal Environmental Success Story Template (GAP Funded Program Activities Only)

1. **Submitting Region:** EPA Region 10
2. **Recipient Organization Name:** Alaska Native Tribal Health Consortium (ANTHC)
3. **Grant:** FY12 IGAP Special Project (GA-00J07701-0)
4. **Short description of tribal nation (location – rural/urban, reservation size, population, etc.):** The Alaska Native Tribal Health Consortium is a non-profit health organization owned and managed by 200+ Alaska Native tribal governments and their regional health organizations. The Consortium was created to provide statewide tribal health and environmental health services. This includes managing health facilities, providing clinical care and community health services (education, research, and prevention), and designing and constructing health infrastructure.
5. **What category of environmental need is the tribe seeking to address with this program? (Protect surface water for ceremonial activities, drinking, fishing; eliminate midnight dumping, etc.):** The LEO program provides time and location specific observations about local changes, on a variety of categories in an effort to identify, plan for, and find resources to address threats to human and environmental health. The categories include:

1. Extreme Weather	10. Mountain Conditions	19. Fish
2. Air quality	11. Forest Change	20. Shellfish
3. Water security	12. Snow Condition	21. Plants
4. Food security	13. Ice and Cryosphere Change	22. Other Biota
5. Seasons	14. Insects	23. Environmental
6. Land Change	15. Birds	24. Safety
7. River Change	16. Land Animals	25. Infrastructure
8. Lake Change	17. Marine Animals	26. Other
9. Coastal Change	18. Marine Invertebrates	
6. **Is project Regulatory or Non-regulatory?** Non-regulatory
7. **Short description of environmental program (FTEs involved, how long to complete this task, etc.):** ANTHC was awarded an EPA IGAP special projects grant to create a statewide local environmental observer network - LEO. The program is composed of local and regional tribal professionals who are environmental, environmental health and natural resource experts. The LEOs combine local and traditional knowledge with modern technology to record and document a wide range of local impacts that are climate related or potentially climate relevant.
 - The program is managed by the Center for Climate and Health at ANTHC. The LEOs are employed at local tribal governments or for regional tribal health organizations. They participate in statewide conferences and trainings for continuing education, network in their communities with other local knowledge keepers and experts. Since the launch of LEO in January 2012, we have enrolled 139 observers from 83 communities.

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8. **Anticipated completion date:** The IGAP special project will end on September 30, 2012. Due to the popularity of the program through-out the state, and the beneficial outcomes, the program will continue with IGAP base funds and other sources.
9. **How has/will development of this program benefit the tribe (i.e. increase # of reservation residents with safe drinking water)?** The main benefit of the program is that LEOs provide real time observations, on the ground in their communities. Once an observation is posted to the network, ANTHC serves as a conduit between local observers and experts in the field related to the observation. These state, federal, international experts often provide education about the event, answer questions, and provide information about resources that may be available. ANTHC also compiles and tracks each observation, looking for unusual local and regional trends.

Accomplishments for the year:

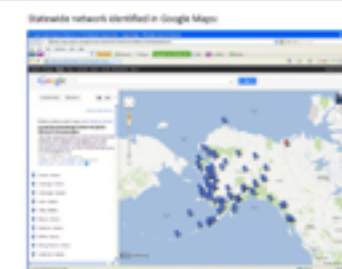
- Since the launch of LEO in January 2012, we have enrolled 139 observers from 83 communities.
- LEO has attracted interest at the local level through-out Alaska, as well as from a variety of National and International agencies.
- Developed Website.
- Created a system for utilizing Google Maps to report observations to a wide audience.
- Created an easy to use online observation form.
- Developed a master spreadsheet to compile all observations.
- Educated people about the benefits of LEO during a variety of conferences and trainings including, but not limited to the Alaska Forum on the Environment, Alaska Tribal Conference on Environmental Management, the International Conference on Circumpolar Health, Tribal Leaders Summit.
- Hosted 6 monthly webinars to answer questions about LEO, report monthly observations, and hear from a variety of experts pertaining to various observations reported.
- Developed a flicker page to post observation photos.
- Created a YouTube channel for LEO to house video observations.
- Year-to-date, there has been approximately 36,000 website hits on our LEO maps.

Lessons Learned:

- Continual education and outreach was critical to maintain engagement in the new program.
- Some initial observations include a limited amount of information.
- It can be difficult to get photos or videos with people's observations.
- It was extremely important to carefully vet each observation to ensure that the information provided was accurate and coming from a dependable source.

10. **Please submit any pictures or graphics that you may have related to this project. See photos below.**

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Review...

- Write into GAP Work-plan.
- Take lots of before, during, and after pictures and/or video.
- Keep track of anything developed (brochures, fliers, etc.) for the project and keep it all together in one place.
- Collect numbers whenever possible.
- Always be thinking about the benefits.
- Organize information into a one-page summary.
- Turn into your EPA Project Officer.
- Make tracking ALL of your projects habit!



Questions?