



Trash Reduction Suggestions – Final Report

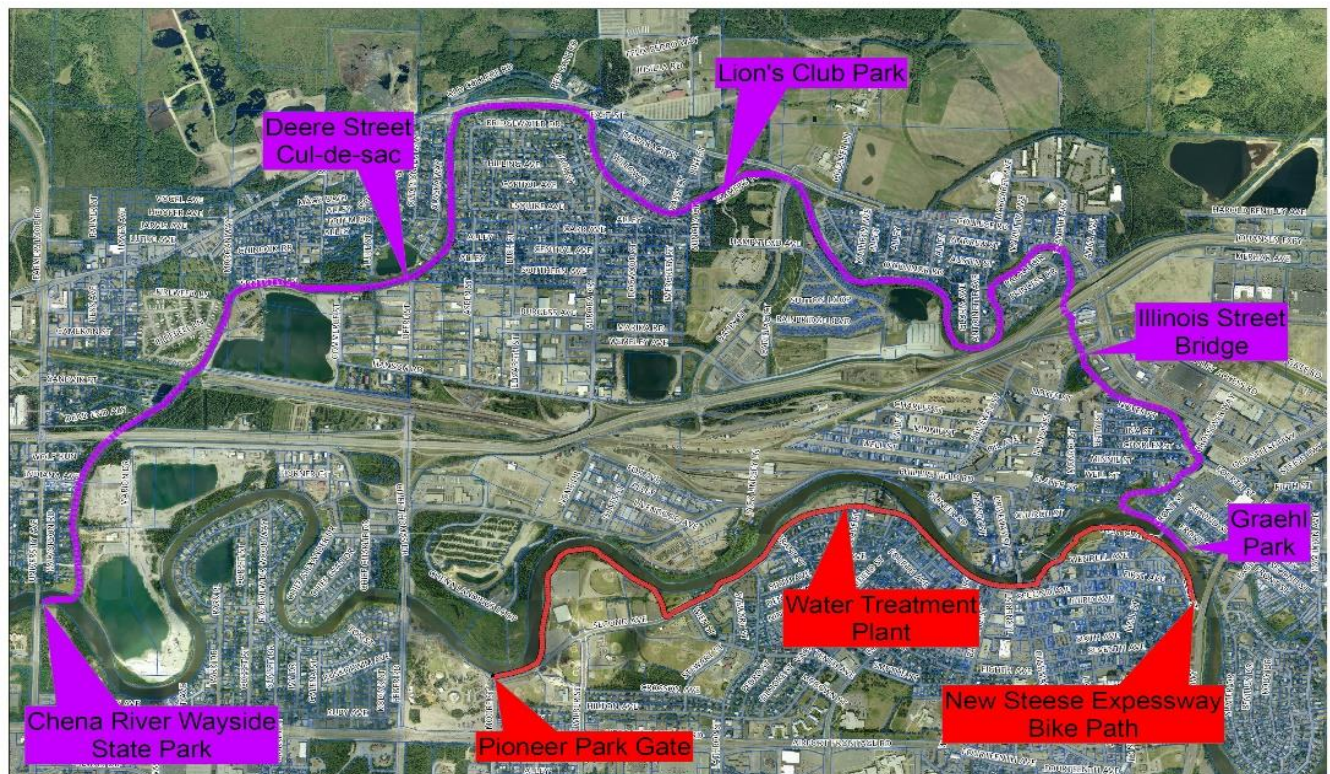
For Noyes Slough and Surrounding Areas

Scope of Report

Litter is more than just a blight on our landscape. Litter is costly to clean up, impacts our quality of life and economic development, and eventually ends up in our waterways and oceans. In the past several decades, numerous studies concerning the management of solid waste have been conducted in the United States on both federal and state levels. These studies have presented data and conclusions on the different management methodologies undertaken by state and local governments and the resultant economic impacts of solid waste management to the state and local economy.

Through our ACWA Green Streets and Noyes Slough grant, TVWA was able to partner with the City of Fairbanks during their Annual Stream Clean Up along the Noyes Slough for 2016 and 2017. During the 12th Annual Stream Cleanup Day on June 11, 2016 – 50 plus volunteers collected over 1100 pounds of trash and debris from the Noyes Slough and Chena River. On June 10, 2017 – 20 plus volunteers collected over 360 pounds of trash during the 13th Annual Stream Cleanup Day. We floated the slough with canoes, walked along the sides and under the overpasses. Paying special attention to the stream banks and habitat areas.

FAIRBANKS STREAM CLEAN-UP DAY



2016 – 2017 Compare and Contrast

TVWA sorted and completed an inventory of the trash for both the 2016 and 2017 events. We partnered with Green Star – to recycle whatever we could. DOT, the City of Fairbanks and the Borough volunteered several hours to help the cleanup efforts and hauled the remaining trash to the borough dump. We categorized and assessed the trash and debris that was collected in order to create the following suggestions to the City of Fairbanks, DOT and DEC on what can be implemented to help reduce the amount of trash around the Noyes Slough / Chena River area, so as to comply with the TMDL for that area. Please contact TVWA for the full report.

Compiled List

2016

Master List for 2016					
Item	count	(lbs)	Item	count	(lbs)
Alcohol Cans	281	8.5	Car tires	3	66
Pop Cans	115	3.5	car wheels	1	20
Canned Food	16	14.5	bike tires	2	10
Energy Drinks	110	3.25	bmX bike	2	50
Aluminium Food Tin	2	1.75	road bike	1	15
Hills Brother Coffee Tin	1	2	mountain bike	2	40
Misc. Metal Pieces (Iron)	6	20	Wood chunks	8	25
Metal Mower Handle	1	10	Wood pallet	1	25
Aerosol Cans	17	20	Cement blocks	7	175
Small Propane Tank	1	5	High watt light bulb	1	1
Small Fire Extinguisher	1	15	large zipper case	1	0.5
Hotel Shampoo bottle	4	1	yellow soft ball	1	0.75
Plastic Soda Bottle	33	30	golf ball	1	0.5
Plastic Bottle	60	56	lighter	3	0.2
Plastic Alcohol Bottle	134	125	cigarette Boxes	16	1
Plastic Basket	2	5	traction sand bag	1	1
Plastic Orange Pill Bottle	1	0.2	orange life jacket	1	2
Plastic lighter fluid bottle	1	0.5	Rubber exam gloves	65	2
Car oil bottle	2	1	kick balls	6	5
Windshield De-icer Bottle	1	0.5	blow dryer	1	5
Frisbee	2	3	journal	1	2
5-Hour Energy Bottle	3	0.5	mop	1	2
Sterling Fluid Bottle	1	0.5	Pipett tip holder	1	0.5
Taco Bell Soda cup	4	0.5	home for sale sign	1	2
Plastic Starbucks Cup	2	0.2	cloth lunch box	1	1
Small Plastic cups	60	12	Gas station food container	10	3
Sam's Club Soda Cups	5	1	chip bags	15	1
Holiday soda cups	3	1	Misc. food wrapper	73	2.5
McDonald's Soda Cups	6	1.5	McDonalds bag	5	1
milk jug	2	0.5	McDonalds Food wrapper	2	0.2
Plastic to-go boxes	1	0.1	candy wrappers	81	2.5
Plastic food containers	8	0.5	Styrofoam to-go boxes	5	0.5
Sun screen spray bottle	1	0.2	Sunrise hot cup	4	0.5
Safeway bag	21	0.2	Holiday coffee cup	2	0.2
Walmart bag	19	0.2	Cardboard chunks	73	50
FredMeyer Bag	10	0.1	Shoe box	1	1.5
generic plastic bag	20	0.2	Purse	2	12
Folger's Coffee Can - Plastic	1	0.5	Clothes - variety	32	90
Sandwich baggies	8	0.1	Shoes	4	10
Plastic chunks	163	81	Adult Brief	1	0.5
Plastic bits - bags primarily	262	2.62	child diaper	1	0.5
5 Gallon Bucket	1	1.5	Glass soda bottle	7	7.75
Plastic Binder with paper	2	10	Glass Alcohol Bottle	14	5.5
window scraper	1	1	Glass chunks	40	12
Plastic child toys	3	5	sub total from last group	1399	447
Dog Toy - football	1	0.5	Total	1900	1100.6
subtotal	1399	447			

2017

Master List for 2017					
Item	count	(lbs)	Item	count	(lbs)
Alcohol Cans	105		General Paper	3	
Pop Cans	33		Newspaper Page	2	
Canned Food	2		Receipts	11	
Energy Drinks	15		Flyer	4	
Aluminium Food Tin	6		Paper Towel	15	
Misc. Metal Pieces (Iron)	5		Cardboard Box	1	
Aerosol Cans	6		Fireworks Pieces	6	
Small Fire Extinguisher	1		Business Cards	1	
Oil Can	1		Ice Cream Carton	2	
Metal Canteen	1		Cardboard Container	1	
Nails	1		Alcohol Case	1	
Lids	1		Milk Carton	5	
Plastic Soda Bottle	25		Gum Packet	1	
Plastic Bottle	92		Popsicle Carton	1	
Plastic Alcohol Bottle	50		Coloring book Page	1	
Plastic Basket	47		Clothes - variety	10	
5-Hour Energy Bottle	19		Shoes	1	
Taco Bell Soda cup	10		Adult Brief	1	
Plastic Starbucks Cup	1		child diaper	3	
Small Plastic cups	31		Boot	1	
Holiday soda cups	2		Glass soda bottle	2	
McDonald's Soda Cups	3		Glass Alcohol Bottle	30	
milk jug	1		Glass chunks	25	
Plastic to-go boxes	1		General Glass Bottle	1	
Plastic food containers	43		Glass Jar	1	
Safeway bag	25		Foam Chunks	434	
Walmart bag	5		Back Pack	1	
FredMeyer Bag	20		Play Pen	1	
generic plastic bag	81		Basketball	2	
Sandwich baggies	11		Volleyball	1	
Plastic chunks	13		Cigarette Butts	40	
Plastic bits - bags primarily	13		Cigar Box	1	
Game Pieces	200		Jumper Cable	1	
5 Gallon Bucket	2		Extension Cord	1	
Plastic Binder with paper	1		Rope	1	
Plastic child toys	5		Baby Glider	1	
Bubble Wrap	6		Ball	4	
Plastic Bottle	42		Syringe	2	
Holiday Bag	6		CD	1	
Condom	2		Cigarette Cellophane	4	
Plastic Sign	1		Balloons	2	
Hair clip	1		Band Aids	1	
bike tires	2		Playstation Chord Extension	1	
Bike Seat	1		Emory Board	1	
Wood chunks	14		Chewing Tobacco Can	1	
yellow soft ball	1		Knife	1	
lighter	2		Foam Cup	13	
cigarette Boxes	13		Comb	1	
Rubber exam gloves	5		Beach Ball	1	
mop	1		Roadside Flare	1	
Misc. food wrapper	115		Sandpaper	1	
candy wrappers	30		Dryer Sheets	3	
Styrofoam to-go boxes	30		Welcome Mat	1	
Plastic Utensils	15		Dental Floss	1	
Cardboard chunks	29		Razor	1	
Paper Bag	10		Lip Balm	1	
Napkin	50		Toothbrush	1	
Paper Cups	8		sub total from last group	1262	
subtotal	1262		Total	1919	360 lbs ***

* This weight is based off of weighting the whole load before taking to traspher site.

2016 – 2017 Metals

2016 - Metals			
Metal - 'food'	Amount	Metal - Misc.	Amount
Alcohol Cans	281	Misc. Metal Pieces	6
Pop Cans	115	Metal Mower Handle	1
Canned Food	16	Aeresol Cans	17
Energy Drinks	110	Small Propane Tank	1
Aluminium Food Tin	2	Small Fire Extinguisher	1
Hills Brother Coffee Tin	1		

2017 - Metals			
Metal - 'food'	Amount	Metal - Misc.	Amount
Alcohol Cans	105	Misc. Metal Pieces	5
Pop Cans	33	Aeresol Cans	6
Canned Food	2	Small Fire Extinguisher	1
Energy Drinks	15	Nails	1
Aluminium Food Tin	6	Oil Can	1
Metal lids	2		
Canteen	1		

It was TVWA's observation that most of the alcohol and beverage litter was located under and around bridges. These areas could be targeted with signs or permanent & locking trash bins. It's our suggestion that local agencies like Interior Alaska Green Star or the Rescue Mission place recycling incentives there.

2016 – 2017 Plastics

Plastics are especially problematic because they take so long to decompose. TVWA believes that having locking bins at gathering points would be helpful. As well as educational signage directly targeted to the dangers of plastic vs wildlife. As well as educational campaigns to businesses around the river and slough that provide plastic bags. Perhaps talking to them about using bags that compose faster or by providing incentives to customers to bring their bags back vs using cloth bags.

2016 - Plastics			
Bottles	Amount	Cups	Amount
Plastic Soda Bottle	33	Taco Bell Soda cup	4
Plastic Bottle	60	Plastic Starbucks Cup	2
Plastic Alcohol Bottle	134	Small Plastic cups	60
Plastic Orange Pill Bottle	1	Sam's Club Soda Cups	5
Plastic large lighter fluid bottle	1	Holiday soda cups	3
Car oil bottle	2	McDonald's Soda Cups	6
Windshield De-Icer Bottle	1	Food	Amount
5-Hour Energy Bottle	3	milk jug	2
Stering Fluid Bottle	1	Plastic to-go boxes	1
Sun screen spray bottle	1	Plastic food containers	8
Random	Amount	Folger's Coffee Can - Plasti	1
Plastic Basket	2	Sandwich baggies	8
Frisbee	2	Bags	Amount
5 Gallon Bucket	1	Safeway bag	21
Plastic Binder with paper	2	Walmart bag	19
long handeled window scraper	1	FredMeyer Bag	10
Plastic child toys	3	generic plastic bag	20
Dog Toy - football	1		
Plastic chunks	163		
Plastic bits - bags primarily	262		

2017 - Plastics			
Bottles	Amount	Cups	Amount
Plastic Soda Bottle	25	Taco Bell Soda cup	10
Plastic Bottle	92	Plastic Starbucks Cup	1
Plastic Alcohol Bottle	47	Small Plastic cups	31
5-Hour Energy Bottle	19	Lids	40
		Dip containers	3
		Straws	12
		6 Pack Ring	1
Random	Amount	Food	Amount
Plastic Basket	2	milk jug	1
Plastic child toys	5	Plastic to-go boxes	1
Game pieces	220	Plastic food containers	48
Bubble wrap	6	Sandwich baggies	11
Holiday bags	6	Bags	14
Condom/condom Wrapper	3	Safeway bag	25
Plastic sign	1	Walmart bag	5
		FredMeyer Bag	20
		generic plastic bag	81

2016 – 2017 Glass

Glass – although not as prevalent as the plastic and metal beverage containers – seemed to accumulate around recreational areas such as paths and bridges. TVWA believes that educational signage as well as recycling incentives or locked trash containers around these areas will benefit the most.

2016 - Glass	
Glass	Amount
Glass soda bottle	7
Glass Alcohol Bottle	14
Glass chunks	40

2017 - Glass	
Glass	Amount
Glass soda bottle	2
Glass Alcohol Bottle	23
Glass chunks	25

2016 – 2017 Wood

2016 - Wood/Cardboard/Paper			
Paper	Amount	Wood	Amount
Sunrise hot cup	4	Wood chunks	8
Holiday coffee cup	2	Wood pallet	1
		Cardboard	Amount
		Cardboard chunks	73
		Shoe box	1

2017 - Wood/Cardboard/Paper			
Paper	Amount	Cardboard	Amount
Paper bag	10	Cardboard chunks	29
Napkin	50	Cardboard Food Container	3
General Paper Product	3	Flyer	4
Receipts	11	Fireworks Pieces	6
Paper Towels	15	Business Card	1
Coloring book page	1	Milk Carton	5
Paper Cups	8	Wood	Amount
Newspaper Page	1	Wood chunks	15
Gum Packet	1		

2016 – 2017 Clothing

2016 - Clothing	
Purse	2
Clothes - variety	32
Shoes	4
Adult Brief	1
child diaper	1

2017 - Clothing	
Clothes - variety	10
Shoes	2
Adult Brief	1
child diaper	3

2016 – 2017 Transportation

2016 - Transportation	
Car tires	3
car wheels	1
bike tires	2
bmw bike	2
road bike	1
mountain bike	2

2017 - Transportation	
bike tires	2
Bike Seat	1

TVWA was curious about the difference in numbers between the 2 years and so contacted the City of Fairbanks Police and found out that there were 70 bikes stolen in 2016 and 52 in 2017. We are not sure if this contributed to the amount but think there may be a correlation.

2016 – 2017 Food Containers

2016 - Food Containers	
cloth lunch box	1
Gas station food container	10
chip bags	15
Misc. food wrapper	73
McDonalds bag	5
McDonalds Food wrapper	2
candy wrappers	81
Styrophoam to-go boxes	5

2017 - Food Containers	
candy wrappers	30
Styrophoam to-go boxes	28
Plastic Utensils	15
chip bags	15
Misc. food wrapper	115

Most of the food items are from fast food places in the area. TVWA believes that an educational outreach campaign to the restaurants in the surrounding area would help reduce the amount of plastics and styrofoam. Also – locking trash bins behind restaurants would help with the trash that is picked through by birds and other wildlife.

2016 – 2017 Miscellaneous Items

2016 - Miscellaneous			
Cement bricks	7	orange life jacket	1
High watt light bulb	1	Rubber exam gloves	65
Large zipper case for ...goggles?	1	kick balls	6
Yellow soft ball	1	blow dryer	1
Golf ball	1	journal	1
Lighter	3	mop	1
Cigarette Boxes	16	Pipett tip holder	1
traction sand bag	1	home for sale sign	1

2017 - Miscellaneous			
Foam Chunks	434	Moose leg bone	1
Basketball	2	Cable lock	1
Volleyball	1	Tampon	7
Yellow soft ball	2	Broken Sunglasses	3
Cigarette Butts	40	Jumper Cable	1
Lighter	3	Extension Cord	2
Cigarette Boxes	13	Rope	1
Cigar Box	1	Baby Glider	1
Rubber exam gloves	15	Doll	1
Knife	1	Syringe	2
Roadside Flare	1	CD	1
Lip Balm	1	Emory Board	1
Dryer Sheets	3	Sandpaper	1
Mop	1	Tooth Care	2
		Welcome Mat	1

TVWA noted that there were several cement bricks and bike parts in 2016 which could account for the change in weight between the two years. Also of note was that there were hundreds of foam pieces in the Noyes Slough during the 2017 clean up. We believe this might have happened during the sewer line breakage that happened earlier in the year.

NOTE: Contact TVWA if interested in seeing the 2016 or 2017 Trash Assessment for a full breakdown of the items collected.

Ways to Reduce Trash: Targeted Educational Campaign

The below bullet points are examples that would be included in the targeted educational campaign. The main sources of trash that we have seen in our trash assessment are from 1. People that gather underneath overpass/bridge areas 2. Residents that live directly on the Noyes Slough and trash that leaves their back yard 3. Business dumpsters are overflowing and snow removal is being stored along the slough (trash and chemicals included). *See example of signage and brochure at end of this list.*



Every Individual

- Set an example for others, especially family, co-workers, friends, and children by using trash and/or recycling receptacles and not littering.
- Always have available a litter bag in your car.
- If you are a smoker, carry and use a portable or pocket ashtray.

Motorists

- Carry and use a car litterbag. When these are full, empty them into a trash and/or recycling receptacle. Secure trash in truck beds using bags or tarps.
- Use a car ashtray or portable ashtray to dispose of cigarette butts and lighting material.
- Do not throw any litter out of vehicle windows.

Smokers

- Before you light up, identify where you will dispose of your cigarette waste when you finish smoking. Use trash and ash receptacles, including pocket ashtrays.
- Carry a pocket ashtray all the time or have a portable ashtray with you as you leave your home, office, or car.

Pet Owners

- Pick up after your dog as you walk through your neighborhood. Use newspaper delivery bags, "scoopers", or other easy-to-use methods to clean up after your pet.
- Be aware that the City Code makes it a fineable offense to leave pet waste in a public right-of-way, on another person's property, or tossing it in a local waterway.
- Take responsibility for your pet and his/her actions.

Community Residents

- Make sure your trash cans have lids that can be securely fastened.
- Secure all bags and use twine to secure loose trash for curbside trash collection.

Government Leaders

- Provide litter bags for all government-owned vehicles. And provide tarps to any government vehicles that may transport items that could become litter.
- Identify "transition points" at all government-owned buildings; place ash and trash receptacles at these points and commit to proper maintenance of the receptacles.
- Leading by example will encourage building owners and business managers to place ash receptacles at points outdoors where their employees and/or customers smoke. Consider adopting building standards to encourage adequate disposal containers.
- Distribute portable or pocket ashtrays and litter bags.
- Educate citizens about individual responsibility for proper waste disposal.

Business Owners

- Provide ash and trash receptacles at entrances, exits, loading docks, picnic areas as well as in parking lots and along walkways of your business. Remember, these should be placed at “transition points” or where people generally gather.
- Assure easy access to dumpsters by employees and contractors. Check dumpsters daily to see that top and side doors are closed. This prevents scavengers from spreading trash on the ground.
- Cover all open loads on trucks leaving your business. Encourage vendors and contractors to do the same.
- Educate your employees about the importance of individual responsibility for a clean and safe working environment.

Community Leaders

- Use educational campaigns like Keep America Beautiful to initiate education programs throughout the community that address sustainable community improvement.
- Support community-based programs that encompass water-quality monitoring and stream restoration, such as adopt a stream programs.
- Provide support to government leaders in their efforts to place and maintain receptacles at government buildings.
- Provide support to businesses that practice litter prevention.

Event Organizers

- Make your festival, fair, or any outdoor community events “waste-wise” or “litter free” from the initial planning stages of the event.
- Give out litter bags and portable or pocket ashtrays at the entrances of your event and make sure everyone knows that your event is a “waste-wise” or “litter free” event.
- Place large trash and recycling receptacles near food venues and eating areas. Remember, a large event with a large number of attendees need large, well-marked receptacles.
- If you place event volunteers nearby to help attendees find the receptacles as they need them, you will reduce clean up while educating people about recycling and proper waste disposal.

Targeted Education Signage Campaign

Create signage or flyers. Post signage in high traffic areas. Send flyers out to business and homeowners around the Noyes Slough area.

Signage Example

I ♻️ | **WHAT CAN I RECYCLE?**
Arizona Republic

TOP 10 IN THE BIN

1. CARDBOARD
2. PAPER
3. FOOD BOXES
4. MAIL
5. BEVERAGE CANS
6. FOOD CANS
7. GLASS BOTTLES
8. JARS (GLASS & PLASTIC)
9. JUGS
10. PLASTIC BOTTLES AND CAPS

ALSO RECYCLABLE BUT NOT IN CURBSIDE BIN

- PLASTIC BAGS AND WRAPS
- ELECTRONICS
- TEXTILES

Find out about your local recycling options here:
www.iwanttoberecycled.org

Brochure Example

Other Items

Autofreeze
Some auto service centers (see above) will accept used autofreezers for recycling. Businesses should check under “Oil Used & Waste” for autofreeze collection services.

Tires
When you purchase new tires, ensure that the tire retailer will recycle your old tires. Several hardware and transfer stations accept a limited number of away tires from citizens, usually for a small fee.

Fluorescent Bulbs
Compact Fluorescent Light Bulbs (CFLs) contain a small amount of mercury and must be disposed of properly. They come in many shapes and sizes, from the study light bulb size to the long, circular tubes. Contact your local government to ask if they have a collection program. Home Depot, Ace Hardware and Low’s accept CFLs in limited quantities. You can search the NM Recycling Directory, using the search term of “Compact Fluorescents”. The NM Environment Department has comprehensive information on the hazards and proper handling of this material at www.nmenv.state.nm.us/swb/docs/fluorescent.html.

Other NMED and NMBIC Publications Online
NM Construction Recycling Guide
NM Outdoor Recycling Guide
Backyard Composting Brochure
Home Recycling Resource Kit

Be sure to visit the recycle locator. Web site at www.recycleinnewmexico.com

Online tips to do your part!
www.recycleinnewmexico.com
www.nmenv.state.nm.us/swb

This brochure is based on a similar flyer created by the Texas Commission on Environmental Quality and used with permission.
Printed October 2008 Printed on recycled paper

What Do I Do With It Now?

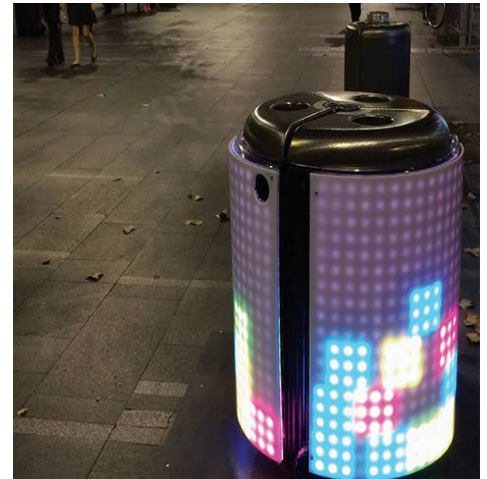
REDUCE REUSE RECYCLE

A Quick Guide to Recycling Resources

Ways to Reduce Trash: Examples of Innovative Solutions

Trash Bins: (innovative or locking trash bins)

The TetraBIN uses custom-built electronics and LED panels to reimagine an everyday garbage can and to help promote sustainable behaviors and playful experiences throughout a city. A pair of prototype installations initially debuted at Vivid Sydney 2014, the largest lighting festival in Australia. The pattern of these blocks varies based on the size and shape of the litter, as well as the timing of its disposal. Use of these or other types of trash bins would be beneficial to areas before or after bridges and other heavy pedestrian areas. There is a possibility of partnering this idea with signage – to have bins that educate with a marketing campaign that talks about fish, wildlife and litter impacts to them.



Who is the best – voting for a cleaner river or slough:

Hubbub, an environmental charity in the UK, wanted to encourage people to dispose of their garbage in a proper manner. It created a series of urban trash cans that make disposing of litter fun. In this case, people can vote with their cigarette butts for who they believe to be the greatest soccer player in the world—Lionel Messi or Cristiano Ronaldo. Managers can also swap out that question for others to encourage debate, and thus, proper garbage disposal.

Special Note: This would be especially good to educate Fairbanks residents that cigarette butts tossed on the ground in parking lots and out the windows of vehicles can “float to storm drains” when it rains, and the “grayling in the Chena River often mistake the cigarette butts for food, leading to their eventual death.” We could incorporate this near a storyboards or something on downtown streets near storm drains that point this out to people.



Another example of voting:

Public installation Wecup offers a simple and interactive solution for dealing with the large amounts of waste left after festivals and outdoor events. The idea is simple—Wecup is made up of two large clear containers with a statement hanging above each one. By placing your plastic cup in one of these containers, you are casting your vote for the corresponding message. The social design project was designed and initiated by Studio Squash, Giacomo Boffo, Alessandro Carosso, and Oana Clitan and first presented at Wereld van het Witte de With Kwartier Festival in Rotterdam. By changing the simple task of throwing out trash into a game, Wecup engages more people to participate and promotes environmentally conscious behaviors at the same time. This could be used after the downtown celebrations such as part of Green Stars campaign during the *Midnight Sun Festival or Golden Days*.



Throwing trash away is FUN:

As part of their project, a group called Collectif DC try to encourage passers-by to behave differently by painting recognizable orange lines on the sidewalks. Spielplatz Democracy is a proposal for creative transformation of public space. It focuses on all kinds of different sports that can be played on the street with a little help from the artist. This is the basketball version, but more sports are on the list. Creative Democracy is a collective conducting artistic studies and actions in public spaces. With a participatory approach, they can experiment with a city and its many possibilities.



Creative Marketing:

This creative outdoor advert was created in 2005 by SMÅLL advertising agency for the Barcelona City Council in Spain. It was installed on several area beaches to promote awareness and reduce littering. This might be good to use at the parks around town or the Chena / Tanana Lakes areas.



Storm Drain Stencils:

Storm drain stencils are a crucial tool for improving environmental protections and increasing community awareness. According to the EPA, labeling storm drains, "can raise awareness about the connection between storm drains and receiving waters and can help to deter littering, excess fertilizer use, dumping, and other practices that contribute to stormwater pollution." Storm drain stencils are used to mark areas on or near storm drains so as to prevent pollution and urban runoff.

Audience Targeted Littering Campaign:

Alaska centered or native art signage at overpasses to target the littering that occurs where people are gathering. A large amount of the alcohol containers are around the overpass/bridge locations. We need to target those locations and activities. Perhaps trash cans and signs can be planted at those locations and a sponsor like Doyon or the Rescue Mission to empty the trash every other day.



Local Partners and Residents

Partnering with local agencies to help reduce the amount of trash on Noyes Slough is always the best solution. After categorizing the types of trash that has gone into the Noyes Slough – TVWA compiled this list of partners to (currently and continue) partner with in regards to trash reduction. There are over 30 businesses and over 110 residents that are along the Noyes Slough.

Local agencies invested in trash reduction:

- Green Star
- City of Fairbanks / FSWAC
- FNSB
- Alaska Waste LLC
- Fairbanks Landfill
- TVWA
- Fairbanks Soil and Water

Businesses around the Noyes Slough:

- Bentley Mall
- North Gate Square Mall
- River Mall
- Regency Court Mall
- Denali Federal Credit Union
- REI
- Key Bank
- Play it again sports
- Siam Square
- Domino's Pizza
- Allstate: Dave Mongold
- Allstate: Chris Marok
- The Bakery
- Taco Bell
- Taco King
- Pizza Hut
- Tesoro 2 Go
- Hydro Tech Alaska Inc
- Carlile Storage
- Ice Alaska
- U-Haul &
- U-Haul long term storage
- Audio Advisors
- A Desert Passage
- Mad Vintage
- Design Alaska
- ADF&G Sports Shooting Range
- Horizon Services
- Alaska Fun Center
- Apocalypse Design
- Santina's Flowers and Gifts
- Blue Ribbon Sew and Vac
- Wells Fargo Home Mortgage
- The Smoke Shop
- Chiang Mai
- Brewsters – North Gate
- Home Medical Equipment
- River Mall Building
- GVEA

Alaska Native Businesses and Corporations that may be interested:

- TCC (near the Chena)
- FNA (near the Chena)
- Doyon (on the Chena)
- Morris Thompson Cultural and Visitors Center (on the Chena and Noyes)

Bridges that cross Noyes Slough

- Minnie Street Bridge
- Illinois Street Bridge
- RR Tracks Bridge
- Johansen Expy (several bridges)
- Oconnor Rd Bridge
- Danby St Bridge
- Aurora Drive Bridge
- Indiana Ave - foot bridge
- Goldizen Ave Bridge

Minnie Street Bridge



Illinois Street Bridge



Johansen Expy Bridge



Danby St Bridge



Oconnor Bridge



Aurora Drive Bridge



Indiana Ave - foot bridge



Goldizen Ave Bridge



Under Bridges:



Possible money sources:

- <https://www.kab.org/home> (Annual grant - Lowe's is the corporate partner)
- ACWA DEC Grants
- USFWS – Noyes Slough
- City of Fairbanks

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