

**Agency: Commerce, Community and Economic Development****Grants to Municipalities (AS 37.05.315)****Grant Recipient: Toksook Bay****Project Title:****Project Type:** Remodel, Reconstruction and Upgrades

# Toksook Bay - Toksook Bay Dumpsite Improvement

**State Funding Requested: \$225,000****House District: 38 / S**

One-Time Need

**Brief Project Description:**

Dumpsite improvement to fix the fence, gather trash outside the dump, and the separate all non-metal and hazardous materials for shipment and recycling.

**Funding Plan:****Total Cost of Project: \$225,000***There is no other funding needed***Detailed Project Description and Justification:**

For many years the dumpsite has been getting out of control. To improve the dumpsite the plan is to fix the fencing, gather all blown trash and pick up all trash thrown outside of the dumpsite. Before all of the trash can be dumped inside the dumpsite, the trash already dumped needs to be pushed aside.

Second, all the metals, non-metals and hazardous materials need to be separated and prepared for ship out and recycling. To do all the necessary work we will need an ATV, a snowmachine and a 420 LTL Skid Steer to haul and move trash.

Many of the village residents and business entities will benefit by accessing the dumpsite without difficulty. This also will help the community feel a lot better knowing our dumpsite has been improved.

There are seven components to the project:

1. Acquire burn barrel - \$42,000
2. Acquire a Skid Steer and accessories -- \$90,335
3. Acquire an ATV and a snow machine -- \$15,000
4. Acquire an interchangeable trailer -- \$3,644
5. Acquire signs, protective gear, and fencing -- \$32,000
6. Hire 10 workers to clean, separate and repair fence -- \$34,228
7. Fuel and Oil for dumpsite cleanup -- \$7,774

**Project Timeline:**

This project will take 4 weeks at most.

**Entity Responsible for the Ongoing Operation and Maintenance of this Project:**

City of Toksook Bay

**Grant Recipient Contact Information:**

Name:	Harry Tulik
Address:	PO Box 37008 Toksook Bay, AK 99637
Phone Number:	(907)427-7613
Email:	hjtulik@yahoo.com

Has this project been through a public review process at the local level and is it a community priority?  Yes  No

### Introduction

The Toksook Bay dumpsite covers about 4.4 acres and lies about ¼ of a mile southwest of town. A 3,500 foot gravel road provides access to the landfill year round. Local community members built the dumpsite off and on when grant funds were available in 1970. In 1987, a gravel road was constructed and completed by local community members working under a grant. The existing disposal site in Toksook Bay is a 28 year old unpermitted dumpsite. The working face is open and receives no daily or intermediate cover material. Burning occurs at the working face on a daily basis or as wind direction permits. At this time, the refuse collectors use an old 3,500 gallon barrel that they use to burn burnable solid waste. A chain link fence is used at the dump site to prevent blowing litter.

### Components:

The project consists of 7 components to help clean, separate bulky items, minimize and extend the life usage of the current dumpsite. The components are as follows:

#### Component 1:

**42,000**

Acquire a burn barrel to help minimize solid waste, or trash volume, entering the dumpsite. It has been documented, by other villages that utilize a burn barrel, that it reduces trash volume that enter their dumpsites. Also, with its self-dumping, it will make the refuse workers more efficient. \$30,000 for the unit and an additional \$12,000 for shipping

#### Component 2:

**90,355**

Acquire a Skid Steer with accessories. With its ability to maneuver in tight spots, and power to match, this little skid steer should be able to help clean and separate trash at the dumpsite. Price would include:

420 LTL Skid Steer	\$48,950
Grapple Bucket	\$ 4,875
Forks	\$ 1,190
Dozer Blade	\$ 6,495
Snow Blade	\$ 3,995
Backhoe (6ft 4in)	\$10,600
Backhoe (9ft 4 in)	\$14,250

The skid steer will be used year round to help minimize, move many bulky items in the dumpsite and with its accessories, complete any tasks needed in cleaning up and keeping the dumpsite in order. Separate all bulky items and old vehicles to appropriate sections.

#### Component 3:

**15,000**

Acquire an All Terrain Vehicle (ATV) and Snow Machine. The ATV and snow machine will be used to transport solid waste from the trash bins in town to the dumpsite. Currently, NTC's refuse worker is using his own ATV and snow machine, NTC buys him gas and pays a rental fee on a daily basis. Since these are his own personal vehicles and if one of them breaks down while he's using it to do his work, NTC might have to buy him a replacement part for his vehicle, or purchase him a new one. Since this is a

possibility, purchasing an ATV and snow machine for the refuse worker seems like a better alternative. Price listed below show items shipped to Toksook Bay.

ATV	\$7,500
Snow Machine	\$7,500

**Component 4: 3,644**

Acquire an Inter-Changeable trailer. The trailer has measures about 4ft. x 8ft. with 4ft. high caged sides. Currently, the refuse workers use an old sled that they use to haul trash to the dumpsite. Trash sometimes falls off the sled and dogs, or small animals, get to these bags and create a mess. With its 4ft side cages, this will help minimize trash falling off while on transport and since it has interchangeable wheels (wheels to runners and vice-versa) it would be used year round. Price listed includes shipping to Toksook Bay.

4ft x 8ft Inter-Changeable Trailer	\$2,500
Ski Conversion	\$ 999
Hitch Conversion	\$ 145

**Component 5: 32,000**

Purchase signs, protective clothing and gear for the worker at the dumpsite. Purchase additional chain link fence to add about 3ft to the current fence. At this time, the fence is in need of repair, over time, it has started to fall apart. During winter time, when the snow drifts are at their peak, trash blows out from the landfill site to the village and surrounding areas. Adding about 3 feet should help curb debris from blowing out from the dumpsite. While the fence is being repaired, a gate will be installed to keep children and small animals out of the dumpsite. Currently, there are no signs at the dumpsite to show where bulky items belong. With the signs put in place, the dumpsite should be kept orderly and clean, warn children to keep out of the dumpsite area and show what is allowed and not allowed in the dumpsite. The protective gear will help protect workers from hazardous substances from the landfill. Gear includes protective coveralls, hard hats, respirators, gloves and shoes.

Protective Gear (Hard Hats, Gloves, Shoes, Coverall and Respirators)	\$ 5,000
Signs to be placed along dumpsite	\$ 3,500
Additional Chain Links	\$23,500

**Component 6: 34,228**

Hire 10 people from the village to help clean, separate, put up warning signs along the chain link fence, repair and add to the existing fence. One Supervisor to make sure all workers are doing their job and oversee the project. 9 workers are needed to separate bulky items and to repair the fence as stated in component 5. Collect old and abandoned vehicles, ATV's, snow machines, outboard motors, refrigerators, freezers, aluminum boats and old batteries for proper disposal, from the residents. Amount above includes wages and fringe for 10 people for up to 4 weeks

Supervisor @ \$20/hr x 40hrs/wk x 4wks	Total: \$ 3,200
Laborers @ \$19/hr x 40hrs/wk x 4wks x 9 ppl	Total: \$27,360
Total Personnel:	\$30,560
Fringe @ 12%:	\$ 3,668

**Component 7:****7,774**

Fuel and oil will be needed when the dumpsite clean up starts. Also would like to use this to purchase gel tires for use in hauling things in the dumpsite. Gel tires have longer uses in areas such as dumpsites. Can run even when the tire itself has been punctured. Tires will be purchased for the ATV and trailer for longer usage life with minimum maintenance. Ship out e-waste, florescent lamps, ballasts, and other shippable recyclable and hazardous products for proper disposal. This will involve purchasing specific containers for each recyclable product, make sure all pre-cautions are taken for proper shipping, including purchasing rolls of saran wraps for e-waste, absorbent pellets for use when shipping batteries, and portion of the fund will be used to ship out smaller amounts of e-waste or other products that can be shipped out via USPS.

**Total Fund Request:****225,000**

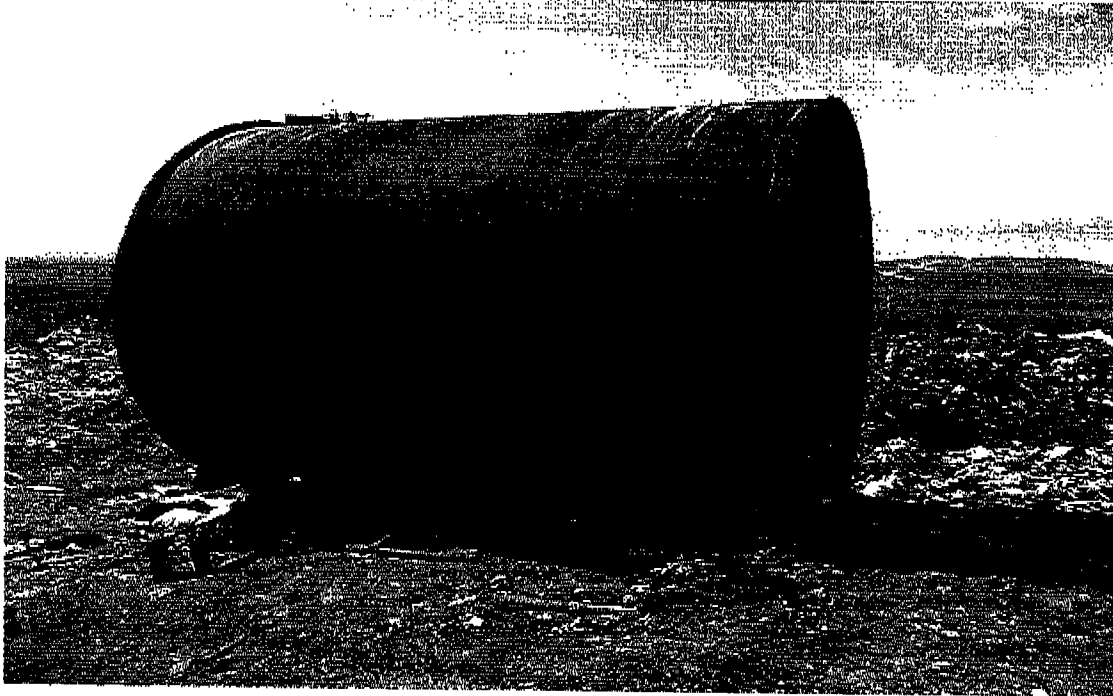
Picture above shows the left side of the entrance to the landfill site. As you can see, all bulky items are not separated and are placed in areas that are most convenient for anyone that brings up trash to the dumpsite. Also, the fence is need of repair. No warning signs.



Picture above shows the entrance on the right side of the dumpsite. There is no gate to keep children and animals out from the dumpsite. No warning signs again.



Picture above shows inside of the dumpsite on the right side from the entrance area. You can see in the foreground some debris that the wind has blown out from dumpsite.



Above is the picture of the burn barrel the refuse workers use to burn materials. It has a small opening at the end of the barrel measuring about 4ft wide x 4ft tall to take out the debris. Too small for any machinery to push back. Need to move debris manually which takes up more time. Manually shovel out and move. With a new burn barrel, it would need to be only tipped so that material can be poured out.



**CITY OF TOKSOOK BAY**  
*PO Box 37008*  
*Toksook Bay, Alaska 99637*  
*Ph. (907) 427-7613/7511 Fax (907) 427-7811*

April 28, 2010

Sean Parnell, Governor  
P.O. Box 10001  
Juneau, Alaska 99811-0001

Dear Governor Parnell:

The City of Toksook Bay would like to express our support for the three projects included in the FY11 Capital Budget. I would like to ask you please not to VETO the District 38 Capital Projects.

**Early Learning Center - \$800,000**

For the past 10 years, RuAL CAP and the City of Toksook Bay have successfully administered local early childhood services. The existing facility, which is 42 years old, does not meet current state or federal regulations for an appropriate and safe environment for young children. Seasonal freeze and thaw cycles have compromised the foundation and each spring flooding results in a pool of deep standing water which is a health and safety hazard. The building exhibits many deficiencies which would be costly to correct. The City of Toksook Bay, in partnership with RuAL CAP, is proposing to construct a new early learning center that would provide adequate space for class rooms, restrooms, staff offices, arctic entry, storage/pantry, a kitchen and gross motor (exercise) room. A significant amount of site and project planning have occurred to date thanks to the widespread support of local, regional, federal and state agencies.

**Dumpsite Improvements - \$225,000**

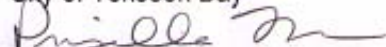
The dumpsite in Toksook Bay has been growing and out of control. Trash, metal, and hazardous materials are being dumped outside of the dumpsite. City of Toksook Bay is working with NTC IGAP department to improve the dumpsite, such as separating the metals, hazardous materials for ship out to recycle. Fix the fencing to keep loose trash from being blown out of the dumpsite. Put signs for direction and proper disposal of solid waste.

**Water and Sewer System Improvements - \$787,268**

Water and Sewer System Improvements in Toksook Bay is very important. It is very critically important to have better sanitation for our community, especially to make some homes that do not have water and sewer service lines, be honeybucket free and funds will help to make our goal.

Sincerely,

City of Toksook Bay

  
Priscilla Moses, Mayor