For more information:

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NTHC Project website: www.anthc.org/chs/ces/hve/community-environmental-demonstration-grants.cfm or Google ANTHC grants

not be sucked up by the haul pump. Because of the ordinance, residents now have a designated location to dispose at.

- Stuff freezes in the winter - The collection service can not operate during the winter because human waste freezes and can

Turn-over does happen. It's important to inform your grant officer when that is the case so that new staff can be oriented.

- ressous resuued:
- Residents know where the designated disposal location is during the winter months.
- Residents are more knowledgeable about the harmful risks associated with exposure to raw human sewage.
 - The project helped to create a new job in the community.
 - Reduced risk to subsistence food sources.
 - Human contact with raw sewage resulting from self-haul has been minimized.
- Health and environmental conditions have improved do to the honey-bucket waste disposal practices being implemented.

Benefits:

Project Objective: The Native Village of Newtok received a CEDP grant from ANTHC to start a honey-bucket collection service to allow them to better manage human waste in the village by minimizing human contact, reducing spills within the community, and to stop improper disposal of waste in unapproved locations, all of which greatly increase the threat to human health. Results: A reliable new ATV was purchased to haul the waste collection tank. An ordinance was developed to prohibit the improper disposal of honey-bucket waste and a collection service fee is being considered to help sustain the service. A community meeting was held to educate residents about the new service and about he health risks. The waste hauler has the proper proper disposal of honey-buck waste to a single designated location for proper disposal.

NATIVE VILLAGE OF NEWTOK

2011 Honey-bucket Sanitation Project







* PROJECT TIMELINE *

2011 Community Environmental Demonstration Project

Prior

The Native Village of Newtok fabricated a flush-haul system to help manage honey-bucket waste in the village. Without proper planning, the system could not be sustained and residents were left to dispose of their own waste with no designated area in the village. To help cut down on non-biodegradable waste, the council did pass an ordinance banning the use of plastic bags for honey-bucket waste.

Oct. '10

The Native Village of Newtok received the CEDP grant from ANTHC.

Nov. '10

The Environmental Department experienced staff turn-over causing unforeseen delays in the project timeline.

Dec. '10

Jan. '11

A buy vs. rent justification was completed in order to purchase an ATV with Federal funds. The ATV would be used to tow the flush haul tank on the collection route.

Feb. '11

ATV's were researched and 3 quotes were obtained.

Mar. '11

ATV was purchased from Ron's Honda in Soldotna.









April '11

A draft ordinance was developed to establish rules and regulations for the sanitation service.

May '11

Planning begins for a community meeting to educate residents about the honey-bucket collection services and the important health benefits of proper waste handling & disposal.

June '11

The community meeting took place. The draft ordinance was introduced to residents. There were door prizes at the end for anyone that attended. Desirae Roehl (ANTHC), Brian Berube (YKHC), David Longtin (ADEC), and Sandra Modigh (RUBA) were invited to the meeting in advance to assist with presentations.

July '11

Sandra Modigh, the RUBA representative for Newtok, assisted with modifying the ordinance.

Aug. '11

Created a job description for a honey-bucket hauler and posted. Ordered personal protective gear which included Tyvek suits, gloves, N95 dustmasks, etc.

Sept. '11

A honey-bucket hauler was hired and the collection service began. A collection log book was created to keep track of waste transported.

A collection route and disposal location was identified.









Before the collection service, there was no designated disposal site for human waste. There were numerous locations just outside of the residential boundaries of the village where waste was dumped. The waste collector now disposes of ALL waste in a single location.