

Proposed by:	Assemblyman Burnham Mark Lohnes, Recycling Committee Chair
Vote:	6 Aye 0 Nay 0 Absent

**MUNICIPALITY OF SKAGWAY, ALASKA
RESOLUTION NO. 13-08R**

A RESOLUTION OF THE MUNICIPALITY OF SKAGWAY, ALASKA, APPROVING A NEW SOLID WASTE AND RECYCLING MANAGEMENT PLAN AND GOALS WHICH WILL PROVIDE DIRECTION ON WASTE REDUCTION PROGRAMS AND SOLID WASTE FACILITIES.

WHEREAS, there is more support (90-percent) for developing a comprehensive recycling program in Skagway than any other municipal project according to the 2008 community opinion survey. This echoes the results from the 1998 community opinion survey when 82-percent of respondents felt that a comprehensive recycling program was important or very important; and

WHEREAS, in 2009, the Borough Assembly approved the 2020 Comprehensive Plan which outlined eight (8) solid waste and one (1) public service goal(s), some of which were:

10.2 Continue to provide safe and environmentally sound solid and hazardous waste disposal that does not adversely impact air, land and water quality.

10.7 Analyze the best long term plan for solid waste disposal. Investigate capital and operating costs and environmental implications of continued incineration (a new incinerator will eventually be required), shipping out solid waste, opening a new land fill, participating in a regional solid waste solution, and newer incinerator/co-generation options.

10.8 Maintain and expand the community recycling program.

10.9 Prevent bears from gaining access to and becoming conditioned to the consumption of human generated food and garbage by providing public education, proper management of garbage, and protection of the natural habitat and food sources upon which bears depend.

11.1 Provide adequate and cost-effective public services to all residents.

; and

WHEREAS, in 2012 the Assembly hired a consultant to study Skagway's solid waste programs and to create a Solid Waste and Recycling Management Plan; and

WHEREAS, in 2006 the Municipality spent \$247,377.00 on incinerator burn chamber wall repairs. In 2012 the Municipality spent \$483,051.00 on incinerator refractory repairs; and

WHEREAS, it costs the Municipality an average of \$474.07 for each ton of waste incinerated; and

WHEREAS, 1,024 tons of waste was incinerated by the Municipality in 2012; and

WHEREAS, the placement of materials in waste disposal facilities, such as incinerators, wastes natural resources and the energy-saving potential of recycling or composting; and

WHEREAS, much of the material entering the waste stream can be recycled, composted, reused, or incorporated into manufacturing new products;

NOW, THEREFORE, BE IT RESOLVED by the Borough Assembly of the Municipality of Skagway that:

Section 1. Plans. The Municipality approves the following plans.

1. The Solid Waste and Recycling Management Plan, developed by SCS Engineers, attached as Exhibit A and incorporated herein by reference is hereby approved.
2. Scenario 5, the 'Recycling and Composting Facilities and Close Incinerator Scenario,' as detailed in the Solid Waste and Recycling Management Plan is the preferred scenario for solid waste management.
3. The Recycling Committee Recommendations dated February 12, 2013, attached as Exhibit B and incorporated herein by reference, is hereby accepted as guidelines for implementing the Solid Waste and Recycling Management Plan.

Section 2. Goals. The Municipality establishes the following goals for solid waste, recycling, and waste reduction as guidelines for implementation of the Solid Waste and Recycling Management Plan. These goals will be enacted to the extent they are practical and effective.

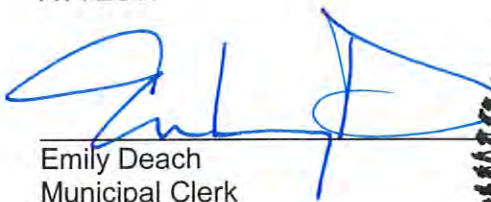
1. The Municipality will submit a request for proposals to initiate negotiations with a solid waste/recyclables service provider for the transport and processing of recyclable and solid waste not recycled or composted.
2. The Municipality will cease regular use of its Thermal Oxidation Unit (Incinerator) by the end of 2015.
3. The Municipality will recycle 50% of the waste produced within the Municipality by the end of 2015.
4. The Municipality will compost 50% of organic waste produced within the Municipality by the end of 2016.

PASSED AND APPROVED this 4th day of April, 2013, by the Assembly of the Municipality of Skagway, Alaska.



Stan Selmer, Mayor

ATTEST:



Emily Deach
Municipal Clerk

(SEAL)





FINAL REPORT

**Solid Waste and Recycling
Management Plan**

Presented to:

Municipality of Skagway



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February 28, 2013
File No. 09212033.00

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RECYCLING COMMITTEE RECOMMENDATIONS

TUESDAY, FEBRUARY 12, 2013

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1. Recommend adoption of the Solid Waste and Recycling Management Plan (SWRMP) by SCS Engineers.
2. Recommend the adoption and implementation of "Scenario 5" from the SWRMP
 - Scenario requires the planning for, and eventual construction of a recycling center, transfer station, compost facility, and the closure of the incinerator
 - a. This option is in line with, and exceeds the 2020 Comprehensive Plan
 - b. Has second best potential to pay for itself, and ultimately save the Municipality money
 - c. Will provide increased services to Skagway area
 - d. This option would require a plan that details the discontinuance of incinerator use
 - A thorough onsite inspection must be done
3. Create a Solid Waste Advisory Committee upon the adoption of the SWRMP
 - The Solid Waste Advisory Committee's (SWAC) work includes:
 - a. Addressing policy issues in waste management: recycling, food/yard waste, collection, transfer stations, and waste prevention
 - b. Advising PWD of its findings and recommendations
 - c. Creating a yearly SWAC work plan
 - d. Create Public Outreach Campaign
 - Send out RFP for the following tasks \$:
 - Develop Educational Materials
 - Conduct Public Outreach Campaign
 - Design & Initiate Business Audit Program to assist in waste reduction
 - Create website
4. Adopt a Resolution
 - Adopt a Resolution establishing new recycling goals for the Municipality of Skagway and providing direction on waste-reduction programs and solid waste facilities
 - a. Suggested goals could be:
 - Close the Thermal Oxidation Unit (Incinerator) by the end of 2014 or earlier
 - 60% recycling rate by 2015
 - Construct Recycling Center and Waste Transfer Facility by mid-2014
 - 60% composting rate 2016
 - Start composting operations by mid-2015

Other recommendations that we believe must be done to continue momentum on this project:

Conduct Cost of Service Study

- Institute and perform a borough department rate study program
 - a. Take into consideration: Head-tax, and other program subsidies
 - b. The waste rate portion of this study could be funded from the FY13 Recycling Expense line
 - c. Reevaluate biennially thereafter.

Ordinance Modifications/Revisions/Resolutions/Enforcement

- Initiate Green Purchasing Program for MOS & Businesses in 2013
 - a. Creation and implementation of a Money, Energy, and Sustainability policy guide for Borough employees. (See example from Homer, AK: http://www.cityofhomer-ak.gov/sites/default/files/fileattachments/employee_sustainability_policy_guide.pdf)
 - The escalating costs of energy, from electricity to fuel oil to gasoline, which are impacting municipal programs and services
 - The need to trim costs of local government operations in order to reduce the burden on taxpayers, who are also feeling financially squeezed
 - Recognition of the impacts of fossil fuel combustion and depletion on the environment, public health, and national security

RECYCLING COMMITTEE RECOMMENDATIONS
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Continued from last page:

- Create a similar guide for commercial and industrial businesses
 - Consider code modifications to aid in adoption of
- Create a more comprehensive Public Works webpage
 - Include draft plans, recycling information, rates, etc
- Evaluate garbage and nuisance code enforcement
 - a. A successful program should (be): Safe, functional, cost effective, and improve quality of life

Conduct Route Study

- Once the Recycling Center and Transfer Station sites have been established, a transportation and parking plan, including reconfigured garbage routes based on pick-up style, must be created. Could be done in house.

Collection

- Garbage (and possibly Recycling) collection vehicle style must be selected
- Recommend a front loading collection vehicle, with curotto can lifter
 - a. Give consideration to the potential need for different pick-up locations; commercial, residential, industrial, etc
 - b. Does not require immediate purchase, just selection
- Purchase standardized trash cans for all garbage pick-up subscriptions during 2013
 - a. Should be matched with the future truck style
 - b. Should be included in code modifications to ensure adoption
- Consideration of local programs
 - a. Consider merging HHW Collection with Clean Sweep Program
 - b. Continue assistance to STC with E-waste collection program

Solid Waste Facilities Master Plan

- Create a Solid Waste Facilities Master Plan
 - a. Include: Recycling Center, Composting Operations, WWTP, Incinerator and possible a new Public Works Shop
 - b. Sign long-term agreement with MSW Service Provider
 - Service Provider should be able to advise on equipment and necessary provisions for a recycling and waste transfer station
 - Medical waste, deceased animals, and sewage might be included in this agreement
 - c. Conduct composting feasibility study
 - d. Conduct incinerator ash fill reclamation or capping study

Finalize site locations & Construction

- Select properties for a recycling center and compost operation
 - a. Possibilities:
 - That the southern airport property be reclaimed
 - Consider locating recycling center east of WWTP
 - Or, the Propane Yard could be relocated. Locate recycling center where the current Propane Yard is.
 - Purchase one acre property for compost operations if Municipal site is unavailable
- Select engineering firm to design facilities
- Issue bid documents for facilities
- Select contractor to build facilities
- Build