

## **Solid Waste Advisory Committee City and Borough of Sitka, Alaska**



### Solid Waste Management Plan March 12, 2014

Presented by:  
CB&I Environmental & Infrastructure, Inc.  
WIH Resource Group

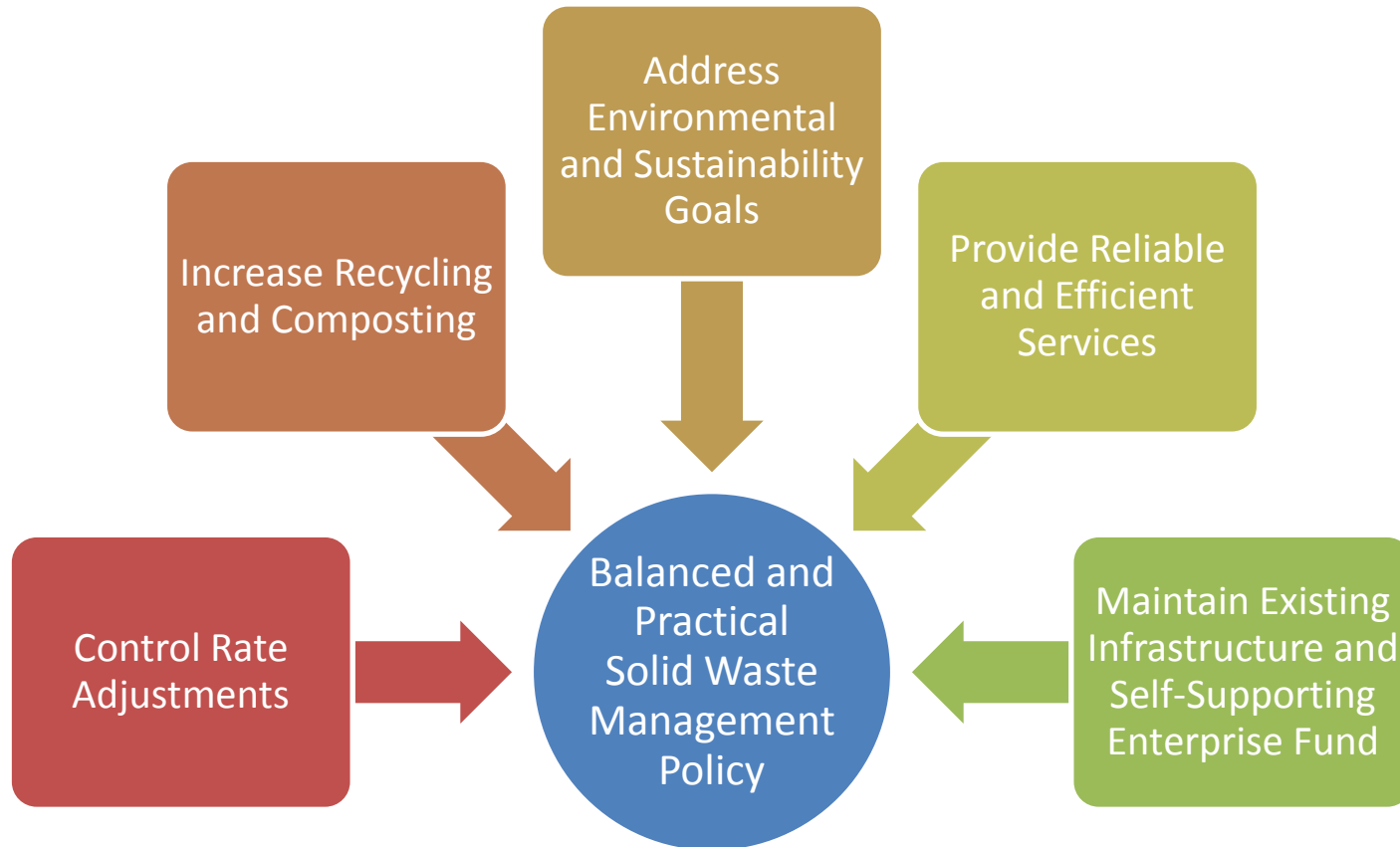




# Why Prepare a Solid Waste Plan?

- **Prior plans were developed in 1990s and require updating**
- **Existing contracts for collection, transport, recycling, and disposal are expiring in 2015**
- **Community interest in recycling and composting options**
  - **Plan will allow options to be evaluated in a comprehensive, systematic manner**
- **Bear issues**
- **Solid waste is funded through an enterprise fund; rates have been generally flat for 10 years**
- **Plan will provide a financial model that evaluates rate impacts from:**
  - **Capital improvements and maintenance of existing infrastructure**
  - **Development and operation of potential new or expanded programs**
  - **Solid Waste Plan is different than other Master Plans because it will examine new and existing programs**
- **Solid waste is a core public service that is important to residents and businesses**
  - **Development of the Plan will include extensive public involvement process**
- **Plan will provide direction on important and long-lasting decisions**
  - **Requires thorough evaluation of current system and future options**

- Sitka may have several objectives related to solid waste management, including:



- Plan recommendations will represent a combination of these objectives

- **Prioritize goals and objectives**
- **Identify preferred collection, transfer, transport, disposal and diversion strategies for next contract term and beyond**
- **Guide development and implementation of future programs**
- **Plan for existing and potential future infrastructure**
- **Budget for future expenses**

### Planning Methodology



- **Solid Waste Advisory Committee (SWAC) has been formed in consultation with staff**
- **The SWAC provides stakeholder input and feedback**
  - **Advisory group to Plan, not a formal committee of the Assembly**
  - **Key role in consensus-building**
- **Broad community representation:**



Stakeholder Group	Representation
Assembly	- Assembly Representative
Solid Waste Industry	- Alaska Pacific Environmental Services - ASRC (Granite Creek Waste Area)
Environmental Groups	- Sitka Conservation - Climate Action Plan - Island Institute
Business	- Sitka Economic Development Association - Downtown Businesses
Sitka Committees/Workgroups	- Bear Committee - Planning Committee
Tribal	- Sitka Tribe - Southeast Alaska Regional Health Consortium
Public/At-Large	- Citizen Representative(s)

- **A series of SWAC meetings will be held throughout the planning process**
  - Consultant team will provide background information through an initial presentation
  - Consultant team will facilitate discussion with SWAC
  - Opportunity for public comment following SWAC discussion
- **Consultant team will assist staff to:**
  - Develop meeting agendas and materials
  - Lead / facilitate meetings
- **Additional opportunities will be provided for public input during the planning process in an organized manner:**

Public Input Opportunity	Objectives / Process
Resident Survey (Web-based)	<ul style="list-style-type: none"> <li>- Secure input early in planning process</li> <li>- Satisfaction with existing services</li> <li>- Participation in existing recycling programs</li> <li>- Interest in expanded recycling/composting programs</li> <li>- Willingness to pay for additional services</li> </ul>
SWAC Meetings	<ul style="list-style-type: none"> <li>- Open to public</li> <li>- Public comment period at end of agenda</li> </ul>
Information Distribution	<ul style="list-style-type: none"> <li>- SWAC meeting materials posted on website</li> <li>- Makes materials available to broader public during Plan development</li> </ul>

- Build upon current system and its successes
- Optimize use of existing public and private infrastructure
- Rate plan to include capital investment and maintenance expenses
- Revise / renew contract with Republic Services vs. other alternatives
- Curbside recycling collection: source separated vs. commingled, mandatory vs. voluntary
- Composting of yard and food waste: range of applicable, available technologies
- Management of construction/demolition debris and bulky materials
- Rate incentives for increasing diversion
- Partnership opportunities: roles of CBS and private sector
- Address bear concerns / issues
- Promotion / education strategies
- CBS staff requirements, responsibilities

REDUCE

REUSE

Recycle  
SITKA



**Initial System Assessment  
Public Policy Issues  
Kick-Off Meetings and Public Input**

**Alternatives  
Evaluation**

**Plan Drafting and  
Presentation**

Feb 2014

Mar 2014

Apr 2014

May 2014

Jun 2014

Jul 2014

Aug 2014

Sep 2014

**Resident Survey**

- Initial public input

**SWAC Meeting**

- Present background and existing conditions information
- Discuss alternatives to be evaluated
- Public comment

**SWAC Meeting**

- Present alternatives evaluation findings
- Public comment

**SWAC Meeting**

- Present plan
- Public comment



## SWAC Meeting Dates:

- **Wednesday, May 28, 2014**
- **Wednesday, July 23, 2014**
- **Wednesday, August 27, 2014**



- Initial chapters provide background information and identification of existing system:

## 1. Introduction

- Purpose
- Background
- Planning method
- Process

## 2. Local Conditions

- Population
- Climate
- Geography
- Economy
- Government

## 3. Waste Quantities & Characteristics

- Disposed quantities
- Recycled quantities
- Future projections

## 4. Description of Existing System

- Collection
- Transfer & disposal
- Recycling
- Hazardous/special wastes
- Contracts & costs
- Administration

- **Middle chapters consist of analysis of existing system and potential options relative to goals:**

## 5. Analysis of Existing System

- Observations & needs
- Challenges & opportunities

## 6. Guiding Principles & Priorities

- Goals for future system
- Serve as criteria for evaluating options

## 7. Options Identification & Evaluation

- Pragmatic options
- Recycling potential
- Compatibility with waste stream & infrastructure
- Costs

- **Final chapters identify recommendations and provide implementation guidance:**

## 8. Recommended Options

- Rationale
- Short-term & long-term

## 9. Implementation

- Timeframe
- Phases
- Responsibilities
- Milestones



- Broad-based representation
- Stakeholders with various roles
- Wide range of expertise

- Solid waste planning experience
- Facility planning and design expertise
- Local/regional long-haul disposal experience
- Diversion program design and implementation
- Financial planning
- Public outreach and consensus building

- Institutional knowledge
- Infrastructure familiarity
- Operational and administrative expertise

- **What are the strengths / opportunities of the current system?**
  - Service and reliability
  - Predictable rates
  - Use and convenience of facilities
  - Special events (household hazardous waste, spring cleanup)
  - Knowledge/awareness of programs and facilities
  - Other
  
- **What are opportunities / interests for future system?**
  - Expand / enhance recycling opportunities
  - Secure reliable, long-term disposal capacity
  - Design programs for convenient citizen/business participation
  - Control rates
  - Other