

Purpose Statement of the Solid Waste and Recycling Program

The purpose of the Squaxin Island Solid Waste and Recycling Program is to manage solid waste of the Squaxin Island Tribe in a healthy, cost-effective, and culturally relevant way to protect our natural environment and honor our connection with the Earth.

Solid Waste and Recycling Leadership Circle

- Brian McTeague, *Natural Resources*
Bridget Ray, *Planning*
Dan Neelands, *Construction Management*
Dorinda Thein, *Janitorial Services*
Gordon James, *Education*
Jeff Peters, *Public Works*
Jim Reinhold, *Housing*
John Taylor, *Emergency and Safety Management*
Kathy Block, *Executive Services*
Katrina Story, *Island Enterprises, Inc.*
Margaret Henry, *Cultural Resources*
Pamela Hillstrom, *Community Development*
Patty Suskin, *Health Clinic*
Richard Wells, *Community Development*
Sheena Kaas, *Solid Waste and Recycling Program*
Stephanie Tompkins, *Northwest Indian Treatment Center*
Toby Villines, *Little Creek Casino/Hotel*
Troy McCulloch, *Little Creek Casino/Hotel*
Tully Kruger, *Housing Commission*
Vince Henry, *Logistics and Maintenance*

Squaxin Island Tribe Integrated Solid Waste Management Plan Summary

Purpose of the Integrated Solid Waste Management Plan (ISWMP)

- Outline current practices and establish tribal-wide goals;
- Establish Solid Waste and Recycling Program;
- Identify funding opportunities;
- Establish authority to carry out the program; and
- Provide a base data set for future program comparison and growth.

Goals of the ISWMP

- GOAL #1** Cultivate leadership collaboration in program growth;
- GOAL #2** Increase education and outreach to youth, community members, and employees;
- GOAL #3** Explore ways to make services/infrastructure convenient;
- GOAL #4** Manage solid waste in a way that honors our connection with the earth*; and
- GOAL #5** Increase awareness and opportunities related to reduction, reuse, and recycling.

* *Honoring our connection with the earth means 1) reducing the resources taken from the earth, 2) reusing resources we have already taken from the earth to minimize further extraction from the earth, 3) recycling the resources that can no longer be reused to minimize further extraction from the earth, 4) materials disposed into the earth do not contain substances that will harm the earth.*

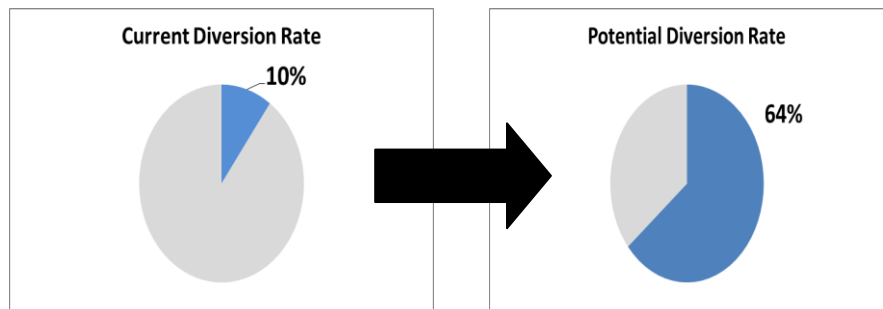


Figure 1. Squaxin Island Tribe has a potential diversion rate of 64%

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Current Waste Management Practices

- Garbage Collection service
- Optional Recycling for businesses and residents
- Some special wastes recycled
- Construction and demolition waste disposed according to choice of contractors
- No Composting services

Limitations and Inefficiencies of the Current System

The current waste management system does not take full advantage of local recycling opportunities, does not address waste stream reduction, does not utilize composting opportunities, and household hazardous waste disposal opportunities are limited and inconvenient.

Solid Waste Needs Assessment

Public Needs

1. Education
2. Expanded recycling opportunities
3. Composting services

Employee Needs

1. Convenient recycling opportunities for employees and patrons
2. Training
3. Funding
4. Organized collection system for hazardous waste materials
5. Departmental and business policies

Needs identified by the Leadership Circle

1. Support from Leadership
2. Awareness and willingness
3. Education and outreach
4. Funding and a clear link to short and long-term cost benefit
5. Infrastructure and resources such as staff, budget, policies, and guidelines
6. Employee training
7. Incentives and rewards
8. Improved enforcement

WASTE COMPOSITION

MATERIAL	COMPOSITION BY PERCENTAGE
Organics	27.20%
Paper	19.20%
Construction materials	12.80%
Plastic	11.40%
Wood debris	8.80%
Consumer products	7.10%
Metal	6.30%
Hazardous/special wastes	4.00%
Glass	2.40%
Residues	0.60%

Figure 2. Table taken from the 2009 Washington State Waste Characterization Study. Highlighted materials can be recovered through implementation of the ISWMP.

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Selected Alternatives and Timeline

Phase 1 (Implemented in FY 13):

(these are activities that can be implemented immediately with minimal additional cost)

- Provide Education and Outreach
- Expand semiannual cleanup
- Provide residential backyard composting workshops
- Transport food waste off site
- Collect and transport universal waste (batteries, fluorescent bulbs)
- Work with Housing Commission to provide incentive-based curbside collection
- Collaborate with businesses to divert waste
- Collaborate with Emergency Management to develop debris management procedures
- Seek outside funding for Phase 2 activities

Phase 2 (Implemented in FY 14)

- Provide household hazardous waste collection event
- Expand education and outreach to include an internship and summer youth worker
- Provide residential backyard composting materials
- Conduct a feasibility study of recycling collection site
- Conduct a feasibility study of a compost facility

Diversion Rate of 47%

Phase 3 (Implemented in FY 18)

- If applicable, open a recycling collection site
- If applicable, open a compost facility

Diversion Rate of 64%

ISWMP Review and Updating

The Solid Waste Management Plan and Code will be formally reviewed annually and updated every four years with feedback from the Solid Waste and Recycling Leadership Circle. The updated plan will be presented to Council for approval. Program planning for the Solid Waste and Recycling Program will take place yearly in the Fall.