



JUNEAU COMMISSION ON SUSTAINABILITY - WORK SESSION AGENDA

December 21, 2022 at 4:30 PM

Zoom Webinar

<https://juneau.zoom.us/j/86267648975> Meeting ID: 862 6764 8975; OR

Phone +1 253 215 8782 US (Tacoma)

A. CALL TO ORDER

B. LAND ACKNOWLEDGEMENT

C. ROLL CALL

D. APPROVAL OF AGENDA

E. PUBLIC PARTICIPATION

F. AGENDA TOPICS

- [1.](#) Zero Waste Update – Dianna Robinson (CBJ)
- [2.](#) JCOS Calendar – Gretchen Keiser (JCOS)
- [3.](#) JCOS 2023 Goals – Gretchen Keiser (JCOS)

G. INFORMATION ITEMS

H. COMMITTEE MEMBER / LIAISON COMMENTS AND QUESTIONS

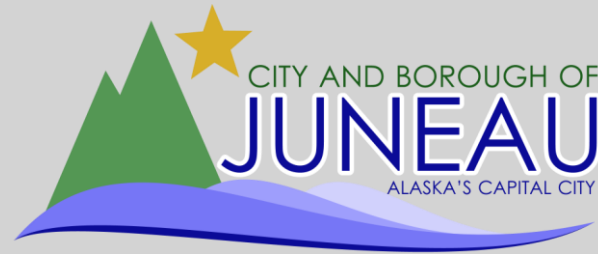
I. NEXT MEETING DATE

4. Regular Meeting January 4, 2023 12 PM @ZOOM
5. Monthly Work Session January 18, 2023 12 PM @ZOOM
6. Regular Meeting February 1, 2023 12 PM @ZOOM

J. ADJOURNMENT

ADA accommodations available upon request: Please contact the Clerk's office 36 hours prior to any meeting so arrangements can be made for closed captioning or sign language interpreter services depending on the meeting format. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: city.clerk@juneau.org.

ZERO WASTE UPDATE



DIANNA ROBINSON
ENVIRONMENTAL PROJECT SPECIALIST
ENGINEERING & PUBLIC WORKS

ZERO WASTE INTERNATIONAL ALLIANCE

DEFINITION OF 'ZERO WASTE' :

The conservation of all resources by means of responsible production, consumption, reuse, and recovery of products, packaging, and materials without burning and with no discharges to land, water, or air that threaten the environment or human health.

JUNEAU WASTE SNAPSHOT

Section F, Item 1.

Service

Waste Hauling

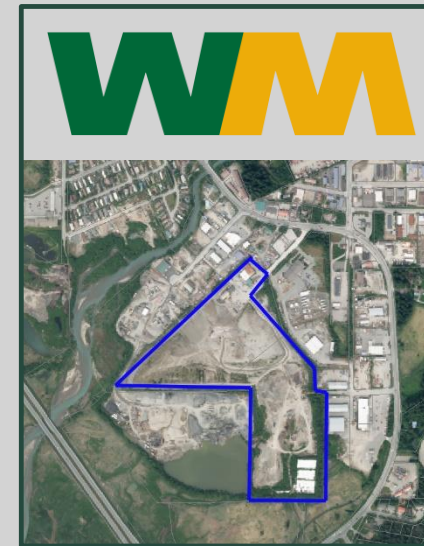
Hauls waste and curbside recycling to landfill



Provider

Landfill

Accepts waste and recycling



Local government

Recycling Center / Junk Vehicle Household Hazardous Waste



Regulated By

Regulatory Commission
Of Alaska (RCA)

State: Alaska Department
Of Environmental
Conservation (DEC)

Federal: Environmental
Protection Agency (EPA)

Specific ADEC or EPA
regulations apply
situationally

BARRIERS

CBJ does not own/control the **landfill**

CBJ does not own/control the **waste stream**

■ Recycling facility

- The facility is near capacity
 - Diversion is about 10%
 - Approaching max capacity in the recycling/HHW buildings
 - Staffing constraints
- Rising fuel costs = rising recycling costs
- Population is too small to take advantage of economies of scale

■ Food waste

- Juneau is lacking food waste/organics composting at a city/borough-wide scale
- Composting will be limited by the amount of carbon sources we can secure

■ Seasonal population

- Huge surpluses of furniture, mattresses, and other household items every year

OPPORTUNITIES

- EPA Grants
 - Solid Waste Infrastructure for Recycling (SWIFR) Grant
 - Recycling Education and Outreach (REO) Grant
 - Alaska Municipal League has hired a professional grant reviewer
- Sen. Murkowski's Congressionally Directed Spending
 - \$2.5 million for composting specifically
- Exploring locations for a "Zero Waste Subdivision"
 - City property – Lemon Creek near Home Depot, located near Juneau Composts! existing location
- Juneau's only landfill is nearly at capacity
 - WM estimates are 20-25 years life left,
 - We think realistically could be less
- Public buy-in and awareness of waste issues



ZERO WASTE & JCOS



- Support for Zero Waste
- Outreach and education
- What is the “low-hanging fruit” for the community?
- Unusual waste streams

JCOS Calendar

Month	Task	Agency	JCOS Lead	Deadline
January	Comments on CIP	E&PW		January +/-
February				
March	Fedl NoLo Grant Application	Capital Transit		~by April
April	Earth Day Proclamation			to Mayor by April 10.
May	JCOS Annual Report	Assembly HRC	Chair	~June 1st
June				
July				
August				
September	EV Rally Proclamation - late Sept.	Mayor	Duff	draft by Sept 10.
	Input on CIP process	E&PW		
October	Legislative Priorities	E&PW		Dec 1st
November	Assembly Retreat Memo	City Clerk	Chair	>1wk before retreat.
	Marine Pass. Fees Suggestions	City Mgr	Energy Chr	by Jan.1st
December				

JCOS Goals and Operations - 2023 Outline DRAFT

Section F, Item 3.

	Title	Start	Finish	Owner	Status	Percent Complete	Notes
Goal 1: Energy Efficiency & Renewable Energy Chair: Steve Behnke							
Subcommittee: Transportation - Chair Duff Mitchell							
1.1	Monitor CBJ action on dock electrification; promote public communications.			Mitchell		ongoing	IRA may provide funding opportunity in 2023.
1.2	Promote electrification of Juneau vehicle fleets' EV conversion.	Jan	Dec	Behnke/Keiser		ongoing	JCOS suggests EV promotion as Assembly 2023 goal.
1.3	Promote Downtown Electric Bus Circulator	Jan	Dec	Mitchell	Study underway. JCOS participated in stakeholders workshop 11/2022.		LoNo grant possible if presented as an expansion of transit service.
Energy Planning - Chair Steve Behnke, Gretchen Keiser							
1.4	Participate in Jnu Energy Use & GHG Inventory study. Use results to promote 5-year action plan.	Jan	Dec	Behnke	Dynamhex study underway; results anticipated in early 2023. Assembly COW ~March on JCOS report & study results.		Eng & PW Dept heads project.

1.5	Monitor federal funding opportunities & assist others to maximize Jnu grant success.	Jan	Dec	Behnke / Keiser		ongoing	JCOS 12/2022 report identifies numerous BIL & IRA opportunities.
	Subcommittee: Buildings - Chair David Teal, Jessie Barker						
1.6	CBJ facilities: energy upgrades	Jan	Dec	Teal	CBJ Chief Architect to head LEED review in fall-winter.		CIP process for FY 2024 is pending (January).
1.7	Educate Assembly on Clean Energy Financing Options (C-PACE, R-PACE, etc.). Monitor Green Bank legislation.	Jan	Dec	Teal	JCOS intro to C-PACE at 11/16/22 mtg. JEDC Board considering USDA RESP line of credit for large EE projects.		
1.8	Consider energy building codes (heat pumps, EV chargers, etc)	Jan	Dec	Teal/ Barker	Begin research??		May be difficult to get CDD traction since focus on comp plan revision in 2023.

Goal 2: Local Resource Recovery & Local Food - Chair Nick Waldo, Jessie Barker, Marian Call, Gretchen Keiser

2.1	Zero Waste Planning - Provide support to E&PW and PWFC. Assist in community & stakeholder engagement.				CBJ proposes \$2.5M "earmark" in pending Senate appropriations bill. Dianne Robinson, Env Projects Specialist, begins work in Nov.		11/2022: 1) JCOS identifies Composting Facility as a Legislative Priority and 2) PWFC 2023 work on development of industrial park for multiple waste initiatives.
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2.2	Assist on waste grant funding opportunities						Dianna Robinson is w on waste-related (composting, recycling) grant opportunities.

Goal 3: Outreach - Chair Marian Call, Jessie Barker, Duff Mitchell

3.1	Presentations on <i>Juneau's Changing Climate</i> report			Powell	Released 7/2022.		USFS request for 3/2023.
3.2	Sustainability presentations			All	Evening public meetings and/or noon hour Zoom mtgs?? Potential topics: Jnu's power situation, zero waste, sustainable food, reducing food waste, household-level info on actions.		
3.3	Provide talking points on CBJ successes, ongoing efforts and need for citizen support				12/2022 JCOS Report provides info but did not emphasize citizens. 2023 Action??		
3.4	Participate in Alaska Municipal Climate Network	Jan	Dec	Keiser / Behnke	Information sharing.	Ongoing	~ Qtrly meetings.
3.5	Sustainability Awards	1st QTR		Powell	Final Draft completed & approved by HRC in 2020. New attempt in 2023.	50%	Assembly HRC Chair: Greg Smith.

Goal 4: Climate Impacts / Sustainability Indicators - Chair Jim Powell, Marian Call, Jessie Barker, Nick Waldo

4.1	Promote sustainability indicators/metrics in Comprehensive Plan Review (FY23). Use Dynamhex results as basis for a dashboard.			Powell/ Teal	Initial conversation with CDD as it starts Comprehensive Plan revision. A) Identify interested JCOS members to start draft list. B) Schedule public meeting with CDD Comp Plan efforts.	5%	Dynamhex study results will provide data in early 2023.
4.2	Advocate for a changing climate hazards mitigation/ resilience strategy			Keiser			11/2022: 1) JCOS recommends strategy in Assembly retreat letter and 2) PWFC identifies work on this in 2023.
4.3	Promote work on Jnu's climate emergency preparedness - food & water security	Jan	Dec	Call, Barker, Waldo	Begin process of identifying potential emergencies & local response and resources.		

file: JCOS Goal Tracking 2022

12/4/2022