

**ASSEMBLY STANDING COMMITTEE  
COMMITTEE OF THE WHOLE  
THE CITY AND BOROUGH OF JUNEAU, ALASKA**

February 22, 2021, 6:00 PM.

Zoom Webinar & FB Live Stream

<https://juneau.zoom.us/j/96647096690> or call: 1-253-215-8782 Webinar ID: 966 4709 6690

**AGENDA**

- I. ROLL CALL**
- II. APPROVAL OF AGENDA**
- III. APPROVAL OF MINUTES**
- IV. AGENDA TOPICS**
  - A. Joint Meeting with the Airport Board**
  - B. Solid Waste Update**
- V. SUPPLEMENTAL MATERIALS**
- VI. 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](mailto:city.clerk@juneau.org)

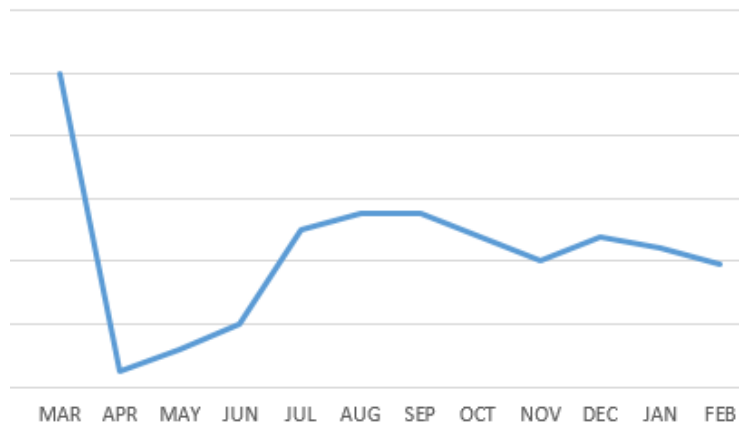
## February 22, 2021 Joint Airport/Assembly COW

### Operations/Budget/Passenger Impacts from COVID:

#### ➤ Operations/Passenger Info

- Aircraft operations (take-offs/landings) annually (as reported by ATC)
  - 117,206 in 2019
  - 44,583 in 2020      **DOWN 62% FOR 2020**
- Passenger traffic (enplanements, or passenger departing) are reported on an annual basis to FAA. Reports (total of ALL commercial carriers including airline, air taxi, helicopter, etc) are not released until Sept/Oct of following year. We will not know final number for all carriers for CY2020 until Sept/Oct 2021. CY2019 had a record high of 459,191 enplaned (outbound) passengers. Unofficial passenger enplanements for 2020 air carriers (Alaska and Delta) as a comparison:
  - 2019: 328,743 enplanements
  - 2020: 135,685 enplanements      **DOWN 59% FOR 2020**
- Passenger enplanement for the past several months continue to be down 50-65% to-date.

JNU Passenger Counts During COVID



- Individual Airport Tenants: pulse of how they are doing. This will be given as a verbal update at the meeting. Information provided by commercial tenants was to be held in confidence.

## ➤ Operational Budget FY20/21/22 budgets

	<b>FY2020</b>	<b>FY2021</b>	<b>FY2022**</b>
Budget (Actual/Updated)	\$7,466,591	\$8,096,700	\$7,941,600
Projected Deficit/Airport Fund Balance proposed use	<del>\$ 290,200</del>	<del>\$ 522,800</del>	<del>\$ 6,600**</del>
<b>UPDATED Deficit</b>	(\$ 727,145)	(\$3,043,600)	(\$1,838,000)
<b>CARES Act Use Budget</b>	\$ 727,145	\$ 3,043,600 est	\$ 1,838,000 est
<b>CARES Act Use Other (GO Bond, tenant rent credit)</b>		\$ 602,375 \$ 1,150,553	\$ 662,625 \$ 1,150,553 est

**\*\*FY2022 assumed increase Airport Rates/Fees \$703,000; but increases cancelled.**

- FY20/21/22 projected use of Airport Fund Balance (AFB); replaced with CARES Act funds
- Aviation/Commercial tenants receiving rent abatement (land, terminal, tiedown, aircraft parking) for FY21 and FY22 (approved by Board 2/18/21)
- Increases to Airport Rates/Fees for FY22 (originally approved) have been cancelled deferred to a future date (approved by Board 2/18/21)
- JNU Airport received \$21.7M CARES Act grant in April 2020 for airport financial assistance
- JNU Airport has applied for two more federal assistance grants totaling \$3.4M for additional operations-financial assistance, as calculated by FAA, (based on airport enplanements, needs, financials)...TBD....*The Coronavirus Response and Relief Supplemental Appropriation Act (CRRSAA) signed into law December 27, 2020, grants will be known shortly. There are more restrictions on this type of airport grant.*

## ➤ Current CARES Act Use Summary:

<b>CARES Act Use</b>				
<b>21,736,343</b>	Grant award			
(727,145)	FY20 Operational Expenses			
(1,150,553)	FY21 Tenant Rent Relief			
(602,375)	FY21 Airport GO Bond debt service			
(662,625)	FY22 Airport GO Bond debt service			
18,593,645	Balance			
	<i>Proposed Use</i>			
(1,150,553)	FY22 Tenant Rent Relief (est)			
(3,043,600)	FY21 Operational Expenses (est)			
(1,838,000)	FY22 Operational Expenses (est)			
12,561,492	<i>Proposed/estimated balance FY22 end</i>			

- Capital Projects: (see Attachment #1 project summary for current projects) FAA is continuing to move forward with Federal Airport Improvement Program (AIP) projects. FFY20 grant funding also included 100% grant match. FFY21 grant match is proposed in the 1.9t bill (pending vote).
- JNU received over \$200M in FAA funding in past 15 years. At this time the FAA Airport Capital Improvement Program (AIP funding) is still on schedule for funding. JNU does not have large projects scheduled for FFY21.
- Terminal Project Details: *(construction pictures will be shared at meeting)*  
FFY20, JNU Airport received \$14.8M in AIP funding for the terminal representing the fully Federally-eligible portion of the terminal (71.6% of total project). This was combined with \$5.9M in GO Bond, PFC funding, Airport Fund Balance and Sales Tax. (Airport revenue bonds were required to make the project 'whole' for bidding purposes.) Construction began Spring 2020 and is scheduled to continue through December 2021. Portions of the new north annex should be ready for occupancy by May/June 2021, but additional demo of (old) main stairs, up escalator, elevator will begin after June as well as the final demolition of the old north terminal currently housing temporary facilities for small/regional carriers. The project has been slightly delayed by COVID and the contractor having state protocol in place. There have been a few extra costs for COVID protocol, and for additional work/unforeseen conditions (change orders).
- OTHER: Mask Mandate: Federal as of February 1, 2021, Executive Order: Federal Law requires masks be worn at ALL times while on airport property, on-board aircraft; and other public transportation platforms. Failure to comply may result in removal / denial of re-entry to airport (transport) & fines up to \$1,500.

### Face masks required.

ATTENTION

FEDERAL LAW REQUIRES MASKS TO BE WORN AT ALL TIMES ON AIRPORT PROPERTY

FAILURE TO COMPLY MAY RESULT IN REMOVAL AND DENIAL OF RE-ENTRY

REFUSING TO WEAR A MASK ON AIRPORT PROPERTY IS A VIOLATION OF FEDERAL LAW; INDIVIDUALS MAY BE SUBJECT TO PENALTIES UNDER FEDERAL LAW

49 U.S.C. 114 AND 44903  
49 CFR PART 1542.303  
TSA SECURITY DIRECTIVE 1542-21-01 AND 1544-21-02



TSA requires proper wearing of face masks, per federal law. Face masks are to be worn at all times. Failure to comply will result in denial of entry to the screening area, and may result in penalties.



Stay Healthy. Stay Secure.  
[tsa.gov/coronavirus](https://tsa.gov/coronavirus)

**ATTACHMENT #1****Capital Improvement Projects (CIP)**

<b>PROJECT NAME</b>	<b>CONSTRUCTION AMT</b>	<b>CONTRACTOR</b>	<b>DESIGN TEAM/AMT</b>	<b>COMMENTS/NOTES</b>
Terminal Reconstruction	\$24M	Dawson Construction	McCool Carlson Green	Began Spring 2020. Anticipate Mid-June 2021 office/space occupancy; demo existing main stairs, old elevator, up escalator thereafter. Dec 2021 complete. Note: of the 70% federally eligible, JNU rec'd 100% of eligible AIP; \$14.8M in one year (FFY20)!!!
Taxiway Alpha Rehab, Taxiway Echo realign, Taxiway Delta-1 relocation.	\$27M	SECON	PDC Engineers – Design  DOWL Engineering – Contract Administration	Began Spring 2020. Able to complete ALL movement areas of Taxiway in 2020 construction season (due to COVID/low traffic) Rehab Taxiway, Realign-relocate intersections as part of Runway Incursion mitigation requirements; culvert replacement (last IOU from the Environmental Impact Statement)
Sand Shed Demo	\$600K	SE Earthmovers	ECI	Demo of old sand/chem shed (formerly known as the old Allison hangar). This bldg no longer met code (many) and required either full recon or demo. New Sand/Chem replaced this in 2020.
Snow Removal Equip Acquisition	\$5M (\$4.1M obligated; \$900K remaining)	Equipment replacement - various		Replaced/acquired: 3 plows, 3 plow/broom combos, 1 deicer truck, 1 loader. ....so far. (Anticipate \$5M more in equipment replacement in 2026)
Ramp Lighting Upgrade	\$256K	TBB	Haight & Assoc.	Special FAA energy efficiency grant. Install LED tarmac lighting. Bid Spring 2021
Float Pond Phase 2 south road	\$1.7M	TBB	PND Engineers design	Design started in Ph 1. Bid/grant anticipated Spring 2021
Property Acquisition	\$1.5M	TBB this may rollover to FFY22 (rollover FFY21 entitlement funds)	Will require hiring federal property acquisition specialist to ensure federal requirements met; property appraisal prior to negotiations	Loken/Channel Flying property surrounded by airport property. FAA wrote up JNU Airport as 'out of compliance' with this private parcel (access to airfield); acquire property or require owners to pay sq ft rate to access.

# Solid Waste Management in the CBJ

Feb 22, 2021 Committee of the Whole Update

# 2021 Assembly Goal:

## **5. Sustainable Community**

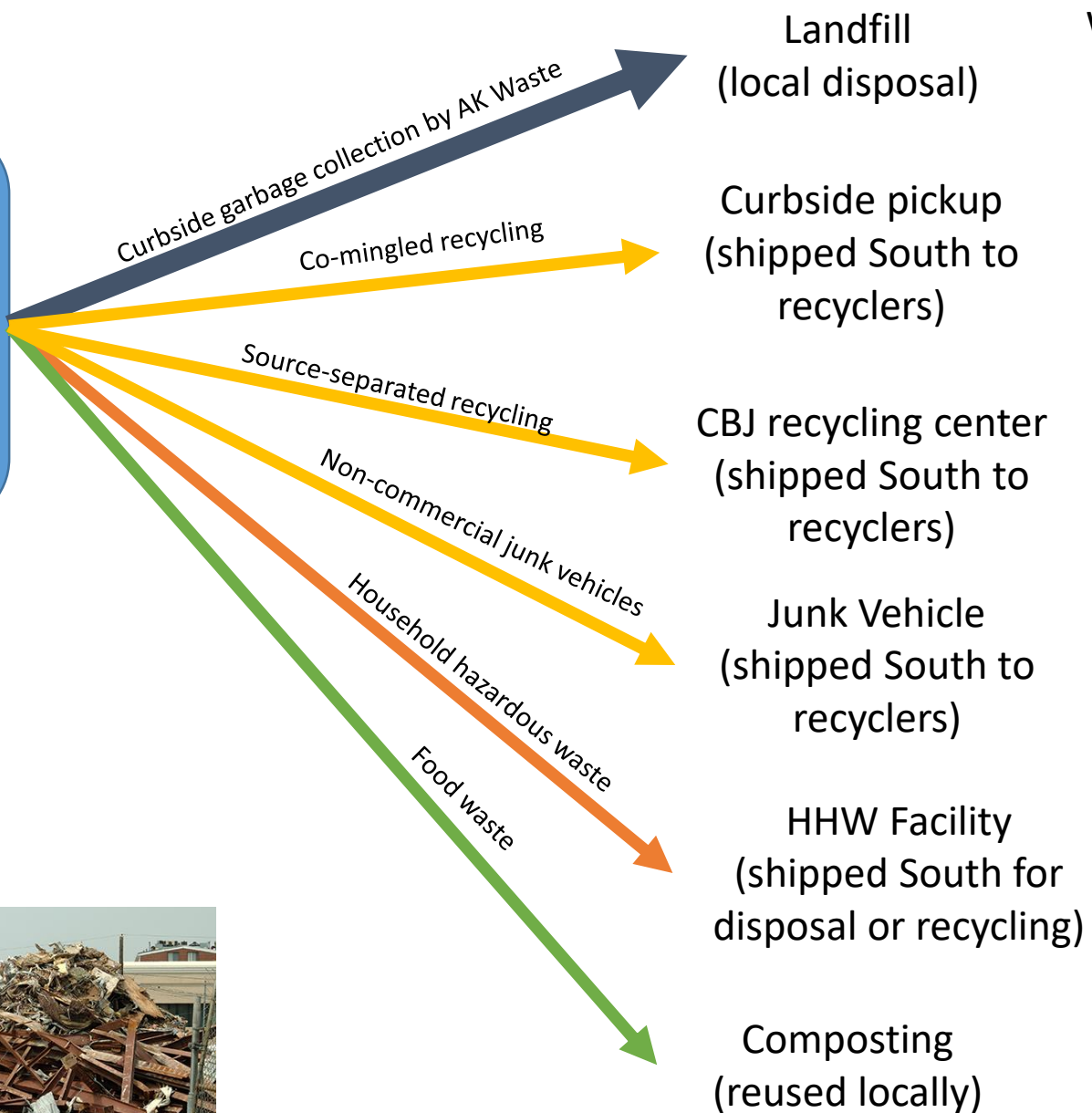
Juneau will maintain a resilient social, economic, and environmental habitat for existing population and future generations.

**D.** Develop solid waste strategy including plans to increase recycling and deal with abandoned/junked vehicles.



## Community Produced Wastes

Household garbage  
Construction debris  
Food waste  
Recyclable materials  
Household hazardous waste  
Biosolids  
Junk Vehicles



## Entity Responsible

Waste Management, Inc.  
(RCA, ADEC)

Alaska Waste

CBJ

CBJ

CBJ

Juneau Composts!  
Home composters



# Past CBJ Solid Waste Planning Efforts

- 1993 Technical Reconnaissance Study for New Landfill Site Selection
- 2004 Mayor's Ad Hoc Recycling and Waste Reduction Task Force
- 2006 Southeast Conference – Regional solid waste planning effort (*transportation network was a barrier*)
- 2008 Solid Waste Management Strategy (*recommended CBJ take on the RCA cert for garbage hauling. That effort was not successful.*)
- 2014 Biosolids Study by CH2M Hill
- 2018 CBJ Assembly passed Ordinance 2018-37 to allow partnership with Waste Management, co-location of Recycling Center and HHW
- Solid Waste Action plan (RecycleWorks programs)

Plans can be found here: <https://juneau.org/engineering-public-works/recycleworks/projects-plans>

Estimated Life of Capital Landfill = 20 years

## What will we do with our garbage in 20 years?



- Waste Management Inc. owns Capital Disposal Landfill.
- Alaska Waste (Waste Connections) owns the collection and hauling service for CBJ's garbage. They also hold the Certificate of Convenience and Necessity through the Regulatory Commission of Alaska to collect garbage.
- CBJ cannot legally collect garbage currently.
- CBJ can legally collect recyclable materials.

# What are the options?

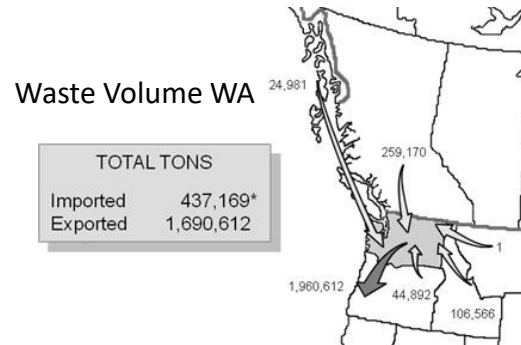
## 1. Someone builds a new landfill



Complexity includes:

- CBJ does not control collection or disposal of garbage.
- Lack of available land, significant site preparation would be required, high cost of development.
- Difficult topography and access to lands that are large enough to accommodate a landfill.
- Stringent regulatory requirements.

## 2. Ship garbage to the lower 48



- Southeast communities including Petersburg, Sitka, Ketchikan and Wrangell ship their garbage by barge to the lower 48.
- Private sector control of hauling and disposal makes predicting costs difficult.

## 3. Someone buys an incinerator/Waste-to-Energy technology



- Industry standard volumes for economic viability of these systems are 200-500 tons MSW/day. Juneau produces only about 80 tons/day.

—CH2MHill, 2014

# What can CBJ do under the current solid waste management structure?

- Increase diversion of wastes from the landfill for beneficial reuse
  - Collect more recyclable materials
  - Increase diversion of organics (composting) - *requires strategy development, funding*
  - Continue to pursue other options for biosolids
- Reduce the amount of waste produced
  - Waste reduction programs
  - Shift towards recyclable/compostable vs. single use materials

***Funding note: RecycleWorks programs are paid for through the general fund. Program costs increase as usage of the programs increase, but the benefit is waste diversion, extending the life of the landfill.***



# CBJ RecycleWorks Program Focuses on Beneficial Reuse of Materials and Maximizing Diversion of Waste from the Landfill

42% of GHG emissions in the U.S. are from materials management: resource extraction, production, transport and disposal of food and goods.

Production of aluminum products has 96% lower GHG emissions when recycled aluminum is used.

*-EPA, 2011*



# Current RecycleWorks Programs



[JuneauRecycling.com](http://JuneauRecycling.com)

## RecycleWorks Program Usage FY18-FY20



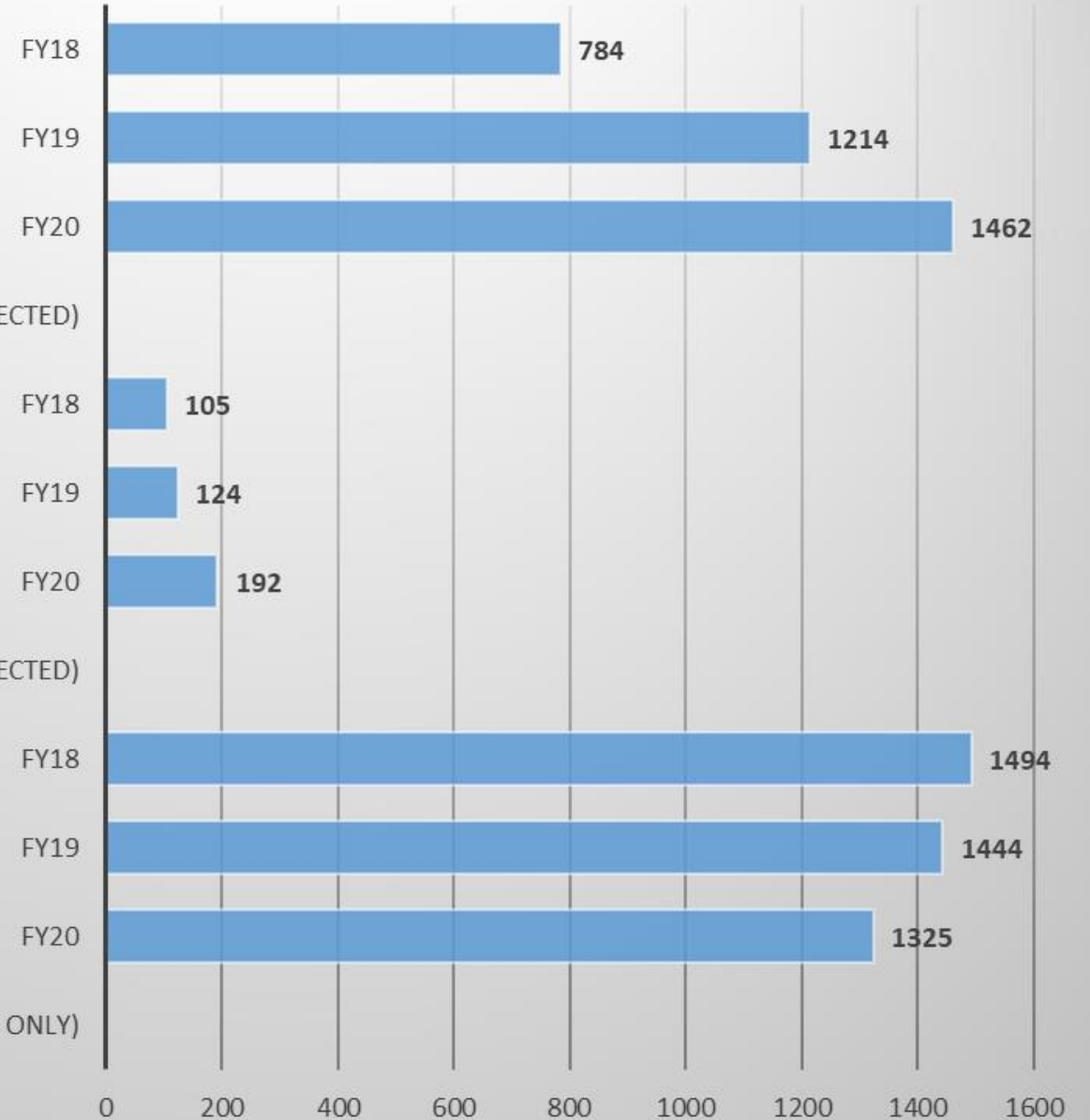
JUNK VEHICLES (TONS METAL COLLECTED)



HHW (TONS MATERIAL COLLECTED)



RECYCLING (TONS MATERIAL RECYCLED, CBJ ONLY)



# What can we do about the stink?

- Making changes to the current solid waste management structure is challenging
- Complaints should be directed to the regulating agencies (ADEC, RCA)
- Odor is a reminder of our solid waste situation
- Continue to fund and support current and expanded RecycleWorks programs and community efforts to reduce and divert waste
- Juneau Commission on Sustainability has formed a solid waste subcommittee. A report is expected to be issued in the next several weeks



*-Harborview students compost their lunch scraps and use compost in their garden beds*