

SUSTAINABILITY COMMISSION MEETING AGENDA

September 8, 2021 at 6:30 p.m.

This meeting will be held at or hosted from the
Mona Lisa Drexler Assembly Chambers
Juanita Helms Administration Center
907 Terminal Street, Fairbanks, AK

This meeting will be conducted in-person and by zoom or zoom-only with consideration given to the Borough Operational Status and if the Juanita Helms Administration Center is otherwise open to the public. Please visit <https://www.fnsb.gov/406/Boards-Commissions> or contact the Borough Clerk's Office (907) 459-1401.

A. CALL TO ORDER

B. ROLL CALL

C. MESSAGES

C.1. Citizens' Comments - limited to three (3) minutes

C.1.a. Agenda items not scheduled for public hearing

C.1.b. Items other than those appearing on the agenda

C.2. Disclosure and Statement of Conflict of Interest

D. APPROVAL OF AGENDA AND CONSENT AGENDA

Approval of consent agenda passes all routine items indicated by asterisk (*) on agenda. Consent agenda items are not considered separately unless any Commission member or citizen so requests. In the event of such request, the item is returned to the general agenda.

E. MINUTES

E.1. *Sustainability Commission Meeting Minutes from August 11, 2021.

Documents:

[08_11_2021_SUS_DRAFT MINUTES.pdf](#)

F. REPORTS

F.1. Reports from FNSB Technical Staff

F.2. Recycling Strategic Plan Quarterly Report by FNSB Solid Waste.

Documents:

[Update FY21 4th Quarter.pdf](#)

F.3. Update on FBX Talks Trash by FNSB Solid Waste.

G. NEW BUSINESS

G.1. Discussion with FNSB Solid Waste and possible recommendations regarding the Recycling Strategic Plan.

H. EXCUSE FUTURE ABSENCES

I. COMMISSIONERS' COMMENTS/COMMUNICATIONS

J. ADJOURNMENT

FAIRBANKS NORTH STAR BOROUGH
Sustainability Commission
August 11, 2021
6:31 p.m.

A regular meeting of the Sustainability Commission was held Wednesday, August 11, 2021, in the Mona Lisa Drexler Assembly Chambers of the Juanita Helms Administration Center, 907 Terminal Street, Fairbanks, Alaska.

ROLL CALL

There were present appearing telephonically:

Jimmy Fox	Wyatt Hurlbut
Ariane Glover, Vice-Chair	Brett Parks, Chair

Comprising a quorum of the Commission, and

Alexis Fackeldey, Administrative Assistant III, Clerk
April Trickey, CMC, Borough Clerk
Brittany Smart, Special Assistant to the Mayor

MESSAGES

- 1.a. Citizen's Comments on agenda items not scheduled for public hearing.
NONE
- 1.b. Citizen's Comments on items other than those appearing on the agenda.
NONE
2. Disclosure & Statement of Conflict of Interest
NONE

APPROVAL OF AGENDA AND CONSENT AGENDA

GLOVER, moved to approve the agenda and consent
Seconded by FOX agenda as read.

VOTE ON MOTION TO APPROVE THE AGENDA AND CONSENT AGENDA AS READ.

APPROVAL OF AGENDA AND CONSENT AGENDA - continued

Yeses: Glover, Fox, Hurlbut, Parks

Noes: None

MOTION CARRIED 4 Yeses, 0 Noes

REPORTS

1. Reports from FNSB Technical Staff

Brittany Smart, Special Assistant to the Mayor, provided a report that informed the commission Mr. Sean Huntington, former Recycling Manager, gave his notice at the Fairbanks North Star Borough. Matt Pearson is currently acting Recycling Manager, and he will take on full duties on August 23, 2021.

APPROVAL OF MINUTES

1. Sustainability Commission meeting minutes of May 28, 2021.

Without objection this measure was read by title and approved under the consent agenda.

UNFINISHED BUSINESS

1. Finalize and approve a memorandum from the Sustainability Commission to Borough Mayor recommending sustainable waste management.

FOX, moved to approve the memorandum.
Seconded by GLOVER

Mr. Fox stated it was good to see everyone, he was grateful this letter was on the agenda, and that the State of Alaska has the Extended Producer Responsibility Taskforce so the State of Alaska is exploring this as well. Ms. Glover wondered if the commission should add support for the state's efforts to the letter. Mr. Fox did not think it was worth the effort at this point in time.

VOTE ON MOTION TO APPROVE THE MEMORANDUM.

Yeses: Hurlbut, Glover, Fox, Parks

Noes: None

MOTION CARRIED 4 Yeses, 0 Noes

NEW BUSINESS

1. Discussion and review of the purpose and goals of the Recycling Strategic Plan and Sustainability Plan.

Chair Parks stated he intended this agenda item as an opportunity for the commission to refamiliarize themselves with their goals and the plans the commission is charged with advancing. Ms. Glover wanted an update from the Recycling Manager and the staff at the Fairbanks Central Recycling Facility regarding recent challenges. Ms. Glover also wanted updates on the three-to-five-year objectives and what is and is not working at the recycling facility.

Chair Parks asked how recruiting efforts should work and wondered if there was any way for them to increase commission membership. There was a brief discussion regarding appointments and membership. Applications are available on the Sustainability Commission website and the Mayor's Office handles applications and appointments. Chair Parks clarified that the full capacity of the commission is seven. The recruitment process was discussed by Ms. Smart and the commission.

Ms. Glover discussed the goal of ten percent waste diversion from the landfill and suggested realigning the three-to-five-year objectives of the Recycling Strategic Plan and the Sustainability Plan. Ms. Glover also stated that the goals of having a manned site and education initiatives would help the Central Recycling Facility to achieve its goals. Chair Parks asked whether this conversation should be had with the new Recycling Manager. Ms. Smart reminded the commission of the presentation from Fairbanks Talks Trash that was held and said they also emphasize recycling.

Mr. Hurlbut asked whether recycling posts would be opened at the transfer sites and if it was something that could be pursued. Ms. Smart stated that the Borough had a booth at the local fair and the recycling at transfer sites was discussed. Ms. Smart also said that the transfer stations have been rearranged. There are currently two staff that are charged with helping to address issues arriving at transfer stations. Recycling at transfer stations, including contamination, and the Capital Improvement Plan were also discussed. Chair Parks inquired who the commission would work with to have a meaningful conversation that can move things forward in a timely manner. Ms. Smart stated the commission's role was in an advisory manner and to help move things forward with initiatives. Ms. Smart stated Solid Waste was probably a better point of contact for this goal. Ms. Glover spoke about increasing recycling throughput and how the Capital Improvement Plan proposal would serve as an aid in that goal by giving Fairbanks a facility to increase diversion from the landfill. Ms. Glover thought having a facility to support the strategic goals of the plan would be critical. Ms. Glover also wanted updates on the recycling trends. Ms. Smart stated she was not sure if the facility had all the data, and she was also waiting on an updated report.

NEW BUSINESS - continued

Mr. Fox posited the idea that the commission provide the incoming mayor and assembly members with a letter about the plan and should include any policy recommendations.

Mr. Hurlbut asked whether there would be a new lease and if the commission could better tailor specifications for a new facility. Ms. Smart stated the renewal of the lease agreements are coming up June 2022. Ms. Smart outlined the process for planning and that the current intention is to continue the leases as is.

Ms. Glover asked about the specifics of the letter to the assembly and the mayor.

Mr. Hurlbut asked whether the commission can influence policy changes in departments or make small changes existing code which will create sustainability impacts such as substituting food producing plants instead of flowers. Ms. Smart stated a letter from the commission would be the process to influence departments and that it would not necessarily be a code change. Chair Parks liked the idea as an example of small changes which might have big impacts. Ms. Glover stated focusing on indicators would be helpful in making recommendations to the assembly. Chair Parks wanted an update on the indicators.

Chair Parks asked when the minutes would be available, and Clerk Fackeldey stated it would be by the end of next week or August 19, 2021.

EXCUSE FUTURE ABSENCES

None

COMMISSIONER'S COMMENTS/COMMUNICATIONS

Ms. Glover wanted to pass along thanks to Sean Huntington for his work at the Central Recycling Facility. She thinks the positive news from the Central Recycling Facility was due in part to Mr. Huntington. She also stated she would be remote for the next few meetings. Mr. Parks suggested a card and April Trickey, Borough Clerk, stated that was possible.

Ms. Trickey stated there was a conflict with a scheduled assembly meeting in November 2021. Ms. Trickey said there was not many open dates for the commission to meet in the month of November. Ms. Smart interjected that she has travel planned in November. Chair Parks asked the commission's opinion on canceling the meeting for the month of November. Ms. Trickey stated Fridays were available and the date for the meeting was settled on Friday, November 12, 2021.

COMMISSIONER'S COMMENTS/COMMUNICATIONS - continued

Mr. Hurlbut thanked everyone for starting the meetings again and he is happy to be able to use Zoom. Mr. Hurlbut is also excited about being able to make progress on the commission's goals.

Mr. Fox thanked the staff.

ADJOURNMENT

There being no further business to come before the Sustainability Commission, the meeting was adjourned at 7:26 p.m.



Recycling Strategic Plan

(August 26, 2021)

Recycling Vision

Zero waste, sustainable future!

Recycling Mission

Provide leadership to achieve economic and environmental sustainability and mobilize the community to reduce, reuse, and recycle.

Our Core Values

Leadership, Fiscal Responsibility, Environmental Stewardship, Community Involvement, Effective Communication

3 to 5 Year Recycling Strategic Outcomes

Maximize public education and participation in recycling

Stabilize the finances of the Central Recycling Facility (CRF)

Diversify and Grow Recycling Streams

3 to 5 Year Objectives	FY22 Recycling Work Plan
1.1 Improve Relationships 1.2 Expand Partnerships	High Priority 1. Horizontal Baler in existing CRF facility (Marika Rd) – Not feasible 2. Renew current UAF lease 3. CIP nomination for a permanent CRF building 4. Rebid Recycling Operator & Recyclable Transport / Purchase contracts
2.1 Improve Financial Viability of CRF	
3.1 Improve Workforce Safety 3.2 Decrease Materials Contamination 3.3 Increase CRF Throughput 3.4 Increase Solid Waste Diversion Rate 3.5 Streamline Administrative Processes	Medium Priority 5. Ongoing CRF Marketing, Media, Community Education Plan disrupted by the COVID 19 pandemic Low Priority 6. Expand General Recyclable streams from large entities – i.e. AK Waste (if space is available) – Expansion possibilities limited without long term location and baler installation
4.1 Improve Workforce Training	7. Fee structure for Non-FNSB materials

Recycling Score Card

Objective	Measure	Units	Goal	FY18	FY19	FY20*	FY21**	FY22 1Qtr Jul-Sep	FY22 2Qtr Oct-Dec	FY22 3Qtr Jan-Mar	FY22 4Qtr Apr-Jun
Increase Customer Count	Avg. # of Residential Vehicles per day	#	200	115	127	126	119				
	Avg. # of Business/ Commercial utilizing CRF per day	#	10	5.5	6.4	5.9	2.4				
Increase Materials Throughput	Regular Recyclables Processed	Tons / Qtr	>1.25%	545	621	519	540				
	Electronics Processed	Tons / Qtr	>1.25%	93	102	98	86				
Increase Diversion Rate from Land Fill	% not sent to LF per Quarter (Net of C&D)	Recycled Tons / Total SW Tons	>3%	.71%	.80%	.69%	.66%				
Improve Financial Viability of CRF	WestRock's Net Revenue minus Trans & Processing of Regular Recyclables	\$	\$10,000	\$12,397	\$20,048	\$20,681	\$2,315				
	Green Star Payments for Electronics Recycling	\$	--	\$55,358	\$66,394	\$63,655	\$56,110				
Decrease Material Contamination	# of Rejected Commercial Loads	#	<1	0	0	0	2				
	# of End Market Material Rejection	#	0	0	0	0	0				
Improve Personnel Safety	OSHA Recordable Injuries	#	<1	0	2	1	0				
Prevent Facility / Equipment Accidents	Damage Incidents	#	<1	3	4	3	3				

Central Recycling Facility opened Sep 1, 2017

* FY20 COVID19 closures; 3rd & 4th Qtr. (9 weeks)

** FY21 COVID19 closures; 1st & 2nd Qtr. (6 weeks), 3rd & 4th Qtrs. (no closures)

CENTRAL RECYCLING FACILITY

West Rock Shipments

FY21

Monthly Totals	OCC Cardboard							MP Mixed Paper							ONP Newspaper						
	# of Bales	Market Price/Ton	Lbs	Tons	Gross Revenue	Process & Trans Cost	Net Revenue	# of Bales	Market Price/Ton	Lbs	Tons	Gross Revenue	Process & Trans Cost	Net Revenue	# of Bales	Market Price/Ton	Lbs	Tons	Gross Revenue	Process & Trans Cost	Net Revenue
July-20	23	\$40.00	23,714	11.9	\$474.28	\$889.28	(\$415.00)	13	\$0.00	16,951	8.5	\$0.00	\$635.66	(\$635.66)	0	\$10.00	0	0.0	\$0.00	\$0.00	\$0.00
Aug-20	40	\$50.00	41,605	20.8	\$1,040.13	\$1,560.19	(\$520.06)	18	\$5.00	22,576	11.3	\$56.44	\$846.60	(\$790.16)	0	\$20.00	0	0.0	\$0.00	\$0.00	\$0.00
Sep-20	77	\$60.00	79,723	39.9	\$2,391.69	\$2,989.61	(\$597.92)	36	\$10.00	44,955	22.5	\$224.78	\$1,685.81	(\$1,461.04)	0	\$30.00	0	0.0	\$0.00	\$0.00	\$0.00
Oct-20	45	\$60.00	44,247	22.1	\$1,327.41	\$1,659.26	(\$331.85)	19	\$15.00	24,815	12.4	\$186.11	\$930.56	(\$744.45)	0	\$30.00	0	0.0	\$0.00	\$0.00	\$0.00
Nov-20	33	\$65.00	34,529	17.3	\$1,122.19	\$1,294.84	(\$172.65)	24	\$20.00	31,571	15.8	\$315.71	\$1,183.91	(\$868.20)	0	\$30.00	0	0.0	\$0.00	\$0.00	\$0.00
Dec-20	56	\$75.00	54,359	27.2	\$2,038.46	\$2,038.46	\$0.00	39	\$25.00	49,426	24.7	\$617.83	\$1,853.48	(\$1,235.65)	0	\$35.00	0	0.0	\$0.00	\$0.00	\$0.00
Jan-21	42	\$80.00	41,105	20.6	\$1,644.20	\$1,541.44	\$102.76	29	\$25.00	34,004	17.0	\$425.05	\$1,275.15	(\$850.10)	0	\$35.00	0	0.0	\$0.00	\$0.00	\$0.00
Feb-21	47	\$70.00	44,707	22.4	\$1,564.75	\$1,676.51	(\$111.77)	41	\$20.00	50,900	25.5	\$509.00	\$1,908.75	(\$1,399.75)	0	\$30.00	0	0.0	\$0.00	\$0.00	\$0.00
Mar-21	46	\$70.00	44,818	22.4	\$2,193.91	\$1,680.68	\$513.23	16	\$20.00	19,940	10.0	\$199.40	\$747.75	(\$548.35)	0	\$35.00	0	0.0	\$0.00	\$0.00	\$0.00
Apr-21	63	\$80.00	62,863	31.4	\$3,047.77	\$2,357.36	\$690.41	23	\$30.00	31,133	15.6	\$467.00	\$1,167.49	(\$700.49)	0	\$45.00	0	0.0	\$0.00	\$0.00	\$0.00
May-21	68	\$90.00	62,863	33.6	\$3,602.61	\$2,523.41	\$1,079.20	15	\$30.00	19,588	9.8	\$293.82	\$734.55	(\$440.73)	0	\$50.00	0	0.0	\$0.00	\$0.00	\$0.00
Jun-21	71	\$100.00	71,570	35.8	\$4,163.08	\$2,683.88	\$1,479.21	25	\$45.00	31,648	15.8	\$712.08	\$1,186.80	(\$474.72)	0	\$60.00	0	0.0	\$0.00	\$0.00	\$0.00
YTD Totals	611		606,103	305.3	\$24,610.47	\$22,894.91	\$1,715.56	298		377,507	188.8	\$4,007.21	\$14,156.51	(\$10,149.31)	0		0	0.0	\$0.00	\$0.00	\$0.00

FY 21 Totals:				
	Bales	Lbs	Tons	Net Revenue
OCC	611	610,531	305.3	\$1,715.56
MP	298	377,507	188.8	(\$10,149.31)
ONP	0	0	0.0	\$0.00
#1 PET	92	36,478	18.2	(\$404.22)
#2 HDPE	28	17,124	8.6	\$333.14
UBC	133	38,052	19.0	\$10,819.83
Total:	1162	1,079,692	539.8	\$2,315.00

Bale weight
Avg Lbs
999
1,267
397
612
286
929

Contract with WestRock charges \$75.00 per ton for the first 70 trailers. Trailers after 70 will cost FNSB \$100.00 per ton to process and transport materials

Effective July 1 2020; amended contract + \$30 for pure load shipments

Multiple COVID-19 closures 6 weeks total for FY21

CENTRAL RECYCLING FACILITY

West Rock Shipments

FY21

Monthly Totals	PET #1 Plastics							HDPE #2 Plastics						UBC Aluminum						Monthly Net Totals		
	# of Bales	Market Price/Ton	Lbs	Tons	Gross Revenue	Process & Trans Cost	Net Revenue	# of Bales	Market Price/Ton	Lbs	Tons	Gross Revenue	Process & Trans Cost	Net Revenue	# of Bales	Market Price/Ton	Lbs	Tons	Gross Revenue		Process & Trans Cost	Net Revenue
July-20	7	\$70.00	2,665	1.3	\$46.64	\$99.94	(\$53.30)	0	\$55.00	0	0.0	\$0.00	\$0.00	\$0.00	4	\$760.00	975	0.5	\$240.83	\$36.56	\$204.26	(\$899.70)
Aug-20	6	\$70.00	2,333	1.2	\$40.83	\$87.49	(\$46.66)	4	\$70.00	2,656	1.3	\$46.48	\$99.60	(\$53.12)	11	\$760.00	2,987	1.5	\$737.79	\$112.01	\$625.78	(\$784.23)
Sep-20	14	\$70.00	5,760	2.9	\$100.80	\$216.00	(\$115.20)	4	\$80.00	2,551	1.3	\$51.02	\$95.66	(\$44.64)	21	\$850.00	5,779	2.9	\$1,596.45	\$216.71	\$1,379.74	(\$839.07)
Oct-20	5	\$70.00	1,937	0.97	\$33.90	\$72.64	(\$38.74)	1	\$110.00	644	0.32	\$17.71	\$24.15	(\$6.44)	4	\$850.00	1,132	0.57	\$312.72	\$42.45	\$270.27	(\$851.22)
Nov-20	4	\$70.00	1,513	0.76	\$26.48	\$56.74	(\$30.26)	1	\$120.00	747	0.37	\$22.41	\$28.01	(\$5.60)	8	\$850.00	2,361	1.18	\$652.23	\$88.54	\$563.69	(\$513.02)
Dec-20	9	\$70.00	3,661	1.83	\$64.07	\$137.29	(\$73.22)	2	\$160.00	1,070	0.54	\$42.80	\$40.13	\$2.68	14	\$930.00	4,082	2.04	\$1,233.78	\$153.08	\$1,080.71	(\$225.49)
Jan-21	6	\$75.00	2,339	1.17	\$43.86	\$87.71	(\$43.86)	3	\$180.00	1,912	0.96	\$86.04	\$71.70	\$14.34	6	\$1,020.00	1,661	0.83	\$550.62	\$62.29	\$488.33	(\$288.52)
Feb-21	7	\$85.00	2,907	1.45	\$61.77	\$109.01	(\$47.24)	3	\$190.00	1,819	0.91	\$86.40	\$68.21	\$18.19	15	\$1,020.00	4,312	2.16	\$1,429.43	\$161.70	\$1,267.73	(\$272.84)
Mar-21	6	\$90.00	2,323	1.16	\$52.27	\$87.11	(\$34.85)	2	\$190.00	1,122	0.56	\$53.30	\$42.08	\$11.22	8	\$1,130.00	3,286	1.64	\$1,206.78	\$123.23	\$1,083.56	\$1,024.81
Apr-21	8	\$130.00	3,108	1.55	\$101.01	\$116.55	(\$15.54)	3	\$330.00	1,836	0.92	\$151.47	\$68.85	\$82.62	12	\$1,140.00	3,297	1.65	\$1,221.54	\$123.64	\$1,097.90	\$1,154.90
May-21	12	\$190.00	4,868	2.43	\$231.23	\$182.55	\$48.68	3	\$530.00	1,633	0.82	\$216.37	\$61.24	\$155.14	11	\$1,140.00	2,960	1.48	\$1,096.68	\$111.00	\$985.68	\$1,827.96
Jun-21	8	\$210.00	3,064	1.53	\$160.86	\$114.90	\$45.96	2	\$570.00	1,134	0.57	\$201.29	\$42.53	\$158.76	19	\$1,160.00	5,220	2.61	\$1,967.94	\$195.75	\$1,772.19	\$2,981.40
YTD Totals	92		36,478	18.2	\$963.71	\$1,367.93	(\$404.22)	28		17,124	8.6	\$975.29	\$642.15	\$333.14	133		38,052	19.0	\$12,246.78	\$1,426.95	\$10,819.83	\$2,315.00

Contract with WestRock charges \$75.00 per ton for the first 70 trailers. Trailers after 70 will cost FNSB \$100.00 per ton to process and transport materials

Effective July 1 2020; amended contract + \$30 for pure load shipments

Multiple COVID-19 closures 6 weeks total for FY21

CENTRAL RECYCLING FACILITY
Electronics Recycling, GSIA
FY21

ER Monthly Totals				
Monthly Totals	# of Pieces	Lbs	Tons	Total Cost
July-20	18	9,573	4.79	\$3,118.29
Aug-20	38	21,151	10.58	\$6,881.07
Sep-20	44	25,243	12.62	\$8,222.13
Oct-20	16	8,122	4.06	\$2,643.06
Nov-20	34	15,951	7.98	\$5,201.49
Dec-20	19	11,078	5.54	\$3,606.54
Jan-21	17	9,315	4.66	\$3,027.15
Feb-21	26	14,402	7.20	\$4,687.20
Mar-21	21	12,490	6.25	\$4,062.24
Apr-21	26	14,673	7.34	\$4,778.34
May-21	27	13,935	6.97	\$4,537.47
Jun-21	29	16,432	8.22	\$5,344.71

FY 21 Totals:				
Total (GSIA)	315	172,365	86.2	\$56,109.69