

FAIRBANKS NORTH STAR BOROUGH SUSTAINABILITY COMMISSION MEETING AGENDA  
MONA LISA DREXLER ASSEMBLY CHAMBERS AT THE JUANITA HELMS  
ADMINISTRATION CENTER  
907 TERMINAL STREET, FAIRBANKS, ALASKA

**WORK SESSION**  
APRIL 10, 2019 6:30 PM

A presentation from Michelle Ohnesorge with Fairbanks Economic Development Corporation to report on the recent New Farmer Expo and to provide information related to local farmer stats, the Agricultural Directory, and other relevant information on food security in the Borough and Interior Alaska.

**AGENDA**

Immediately following the work session.

**A. ROLL CALL**

**B. MESSAGES**

1. Citizen's Comments – limited to three (3) minutes
  - a. Agenda items not scheduled for public hearing
  - b. Items other than those appearing on the agenda
2. Disclosure & Statement of Conflict of Interest

**C. 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.

**D. \*MINUTES**

1. \*Minutes from March 13, 2019 Meeting.

**E. UNFINISHED BUSINESS**

1. Earth Day events & commission participation
  - a. Fort Wainwright – April 18
  - b. Earth Day Week at Joy Elementary
  - c. Earth Day events at UAF
    - i. Earth Day Picnic & Booth Fair – April 22, 12:00-2:00pm
    - ii. Sustainability Art Show in Arctic Java – April 1-26 (First Friday reception April 5 from 5:00-7:00pm)
    - iii. TENTATIVE: The Pub Goes Green
    - iv. UAF Clean-Up Day Campaign
  - d. Alaska Ag Day at Georgeson Botanical Garden – May 5, 10:00am-2:00pm

**F. NEW BUSINESS**

1. CRF Update.
2. Discussion on support and/or an update on Resolution 2007-40.
3. Tabling of Sustainability Commission events
  - a. Supplies & Materials needed
  - b. Develop calendar of events for participation

**G. EXCUSE FUTURE ABSENCES**

**H. COMMISSIONER'S COMMENTS/COMMUNICATIONS**

1. Chairperson's Comments

2. Commissioner's Comments
3. Liaison Comments
4. Staff Comments

I. **ADJOURNMENT**

FAIRBANKS NORTH STAR BOROUGH SUSTAINABILITY COMMISSION

**MINUTES  
MARCH 13, 2019**

A regular meeting of the Fairbanks North Star Borough Sustainability Commission was held in the Mona Lisa Drexler Assembly Chambers, Juanita Helms Administration Center, 907 Terminal Street, Fairbanks, Alaska. After the scheduled work session, the meeting was called to order at 7:20 p.m. by Brett Parks, Chair.

**A. ROLL CALL**

MEMBERS PRESENT:        Ariane Glover                John Davies  
                                 Wyatt Hurlbut                Jimmy Fox  
                                 Morgan Hough                Brett Parks

MEMBERS EXCUSED:        Karl Monetti

OTHERS PRESENT:        Brittany Smart, FNSB Mayor's Office  
                                 Michelle Gutierrez, Clerk

**B. MESSAGES**

1. Citizen's Comments – limited to three (3) minutes

Tristan Glowa testified as follows:

- Thanked Rick Thoman for the presentation and stated the data is useful to have Comments ensued between Commissioners, Rick Thoman and Mr. Glowa

Brenda Sadler testified as follows:

- Mentioned recycling bins for NP; start small, in the summer with 4 bins
- Suggested volunteers in NP for the transfer site
- Wants to get people thinking about recycling

Comments ensued between Commissioners and Ms. Sadler.

Roger Kay testified as follows:

- Thanked the commission for the work done
- Thanked Rick Thoman for the presentation
- Referred to the 4<sup>th</sup> National Climate Assessment that recently came out to include 6 recommendations for Alaska and if the community should pay attention to them

Comments ensued by Rick Thoman.

Jeff Yarman testified as follows:

- Thanked the commission for their work
- Thanked Rick Thoman for the presentation
- Referenced the United Nations Intergovernmental Climate and referenced 12 year predictions to include clean energy, non-wasteful food system, cleaner oceans, etc.
- Expressed concerns with food security

Comments ensued by Rick Thoman and Commissioners.

2. Disclosure & Statement of Conflict of Interest

None

**C. APPROVAL OF AGENDA AND CONSENT AGENDA**

**MOTION:** To move item F. #1 after D by **Commissioner Fox** and seconded by **Commissioner Glover**.

**PASSED WITHOUT OBJECTION OR ROLL CALL**

**MOTION:** To approve the agenda and consent agenda as rearranged by **Commissioner Fox** and seconded by **Commissioner Hough**.

**PASSED WITHOUT OBJECTION OR ROLL CALL**

**D. \*MINUTES**

Minutes from February 13, 2019 Meeting.

**F. NEW BUSINESS**

1. Mayor Bryce Ward

Mayor Ward spoke on the following points:

- Thanked the commission for the Sustainability Plan report that went to the Assembly and all of their hard work
- Dashboards and metrics to be able to measure progress
- Recycling center; touched base on budget challenges
- Ideas on broader perspectives on how solid waste is dealt with in the borough
- Policies that can be implemented for diversion or reduction to the land fill
- Cost of recycling plastics is about \$1000/ton
- Interested in hearing new ideas, relooking at the business model to make it work better for the community
- Requested input from the commission about resources that can be for waste reduction and have a greater impact to the land fill and environment

Questions and comments ensued between Commissioners and Mayor Ward.

**E. UNFINISHED BUSINESS**

1. Report on Assembly briefing

**Commissioner Fox** briefly recapped the presentation that was given to the Assembly.

Discussion ensued between Commissioners.

2. Report on Sustainability Plan Presentation from March 5

**Commissioner Fox** briefly recapped the presentation that was given.

Brief discussion ensued.

3. Draft Energy Handbook

**MOTION:** To postpone the draft energy handbook discussion to the next agenda by **Commissioner Fox** and seconded by **Commissioner Hurlbut**.

**PASSED WITHOUT OBJECTION OR ROLL CALL**

It was mentioned that the reason for the postponement is to have the handbook go through the borough administration to fill in missing pieces before the commission reviews it.

**F. NEW BUSINESS**

2. CRF Update

Ms. Smart mentioned Mr. Huntington is not present because he is attending the SWANA Recycling Manager training.

Ms. Smart referenced the recycling score card and updated the commission on market prices.

Comments and questions ensued between commissioners and staff.

3. Fairbanks New Farmer Expo – April 5

Brittanny Balthaser briefed the commission on the idea of the expo.

**Commissioner Fox** mentioned he put in a request for a table at the event.

Discussion ensued in regards to efforts to reach out to a targeted audience.

4. Earth Day events & Commission participation

a. Fort Wainwright – April 18 from 9:30 am – 1:30pm

Ms. Smart spoke about what commission participation might look like and mentioned the potential to partner with Mr. Huntington's booth.

Discussion ensued between commissioners and staff.

b. Others

Earth Day week at Joy Elementary School was mentioned.

Ms. Smart mentioned the idea of allowing the liaison's to carry the commissions message at outreach opportunities.

University Earth Day events were mentioned.

Ms. Smart reminded the commission of the State Fair.

**G. EXCUSE FUTURE ABSENCES**

None

**H. COMMISSIONER'S COMMENTS/COMMUNICATIONS**

Chairperson's Comments

**Chair Parks** reminded the commission to send him items they want to put on the agenda, and cc Ms. Smart and the commission clerk.

Commissioner's Comments

**Commission Hough** mentioned UAF Spring Fest.

**Commissioner Glover** noted the Zero Waste Workshop that will be held at the Co-Op on March 23<sup>rd</sup> from 2-3:30 pm.

**Commissioner Hurlbut** mentioned Guy McPherson, Conservation Biologist, coming to talk about climate change on April 4<sup>th</sup> and 5<sup>th</sup>.

**Commission Fox** gave a shout out to the Co-Op Market for sending the e-newsletters that include food security and waste reduction to help engage the customers and public.

**Commissioner Davies** expressed his appreciation for the work session presentation as well as for Mayor Ward speaking earlier in the meeting.

#### Liaison Comments

Leah Williams asked the commission to be mindful of the hours the recycling facility is open and stated she does not take her recycling to the central recycling facility because she is at work when it is open, except on Saturday when people are busy. She mentioned the Birch Sap Cooperative meeting that will be on March 15<sup>th</sup> at 5:30pm. She continued to speak about potential hours for the transfer site recycling.

It was mentioned to try and get the School District involved with CRF with them being a huge paper waste facility.

#### Staff Comments

Ms. Smart reported the Assembly approved a resolution to give administration direction to move forward with compressed natural gas busses; as they move forward with the new transit garage project, to set up a schedule for conversion for the borough fleet. She further explained one of the projects she is working on is a similar analysis for the conversion of borough facilities to natural gas; develop a plan for those that are currently on the system, those that have the infrastructure to support it and those that will need upgrades, etc. Once that is compiled, it will go before multiple governing bodies to get the public's input.

Air quality factor in the conversion was briefly discussed.

Clerk mentioned current Planning Commission vacancies.

Ms. Smart mentioned Mr. Chandler from Green Star is presenting at the Downtown Rotary Club on March 14<sup>th</sup> from noon to 1pm at the Westmark Hotel.

Ms. Smart mentioned Parks and Rec has a survey out for getting feedback on park systems.

**Chair Parks** mentioned "Don't Be Fuelish" competition kicks off on April 1<sup>st</sup>.

#### **I. ADJOURNMENT**

There being no further business, the meeting was adjourned at 9:05 p.m.

# CELEBRATE EARTHDAY



APRIL 22  
12pm-2pm

LOLA TILLY  
UPSTAIRS DECK

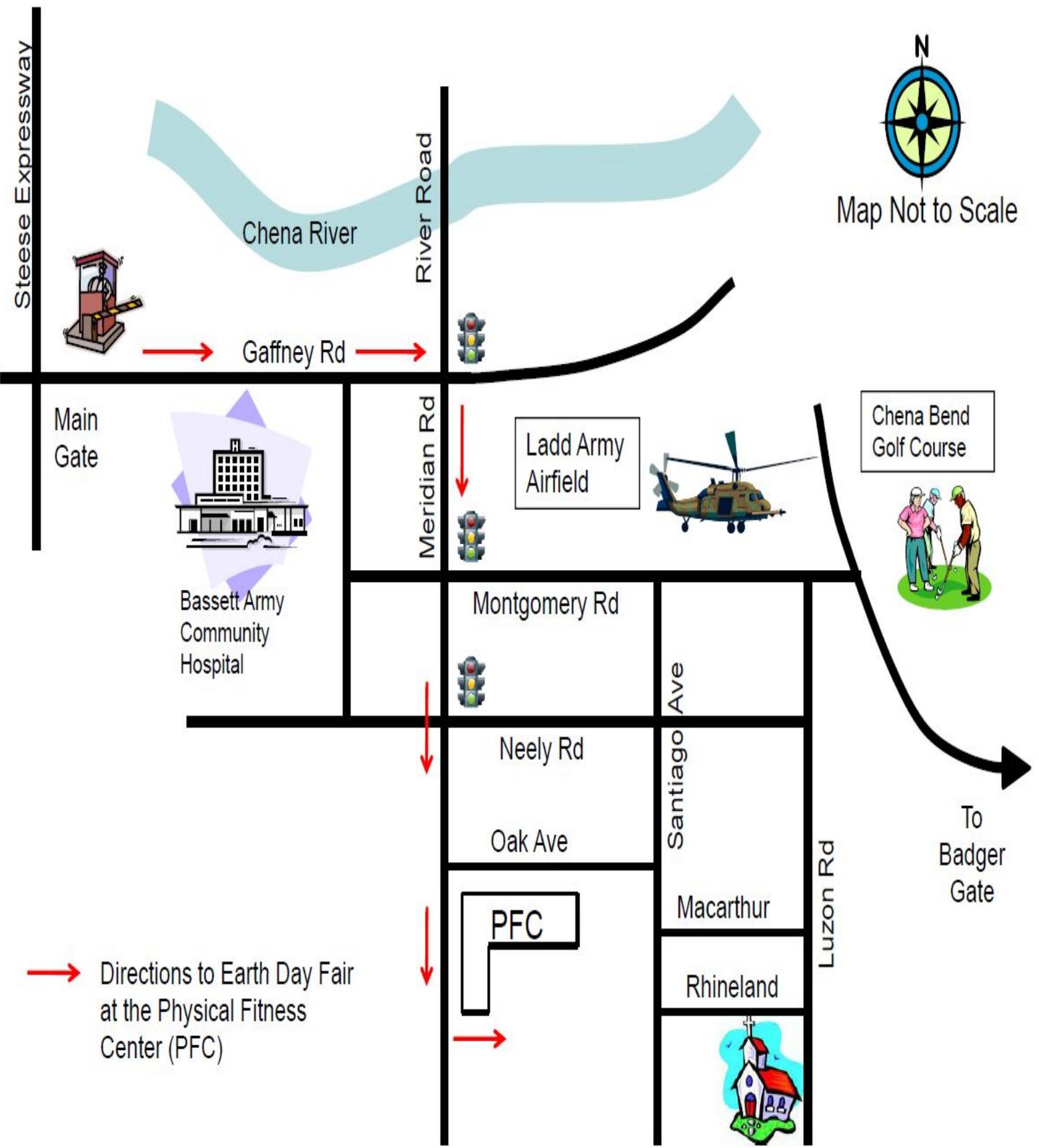


# Event Schedule – 18 April 2019

Time	Action
0800-0920	Set-up time
0930	Event Starts
0930-1000	CDC 1 & 2 (40 pre-k)
0945-1200	Artic Light (118, 5-6 grades)
1000-1230	Ladd (180, 4-6 grades)
1015-1245	University Park (204 4-6 grades, 1 <sup>st</sup> time attending)
1045-1100	VIPs arrive and tour event
1050-1100	Students take their seats on bleachers
1100-1110	Welcome (COL Fisher)
1110-1125	Comments from Local Community Leaders (Mayor Bryce Ward, Mayor Jim Matherly, Dr. Gaborik)
1125-1128	Proclamation Reading and Signing (GC, Mayors, SD Superintendent)
1128-1130	Closing Remarks (Ms. Winkels./Ms Petersen)
1130-1145	VIPs tour and depart event
1200-1300	Students depart
1330	Event ends

UNCLASSIFIED





Map Not to Scale

Main Gate



Bassett Army Community Hospital

Ladd Army Airfield



Chena Bend Golf Course



To Badger Gate

→ Directions to Earth Day Fair at the Physical Fitness Center (PFC)



# Recycling Strategic Plan

(Apr 3, 2019)

## 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	FY19 Recycling Work Plan
1.1 Improve Relationships 1.2 Expand Partnerships	<b>High Priority</b> 1. Ongoing CRF Marketing, Media, Community Education Plan 2. Approval/Funding to acquire a horizontal baler
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	<b>Medium Priority</b> 3. Develop General Recyclable streams from large entities
4.1 Improve Workforce Training	<b>Low Priority</b> 4. Implement bi-weekly CRF operations briefing to stakeholders 5. Fee structure for Non Borough materials

## Recycling Score Card

Objective	Measure	Units	Goal	FY18	FY18	FY18	FY19	FY19	FY19	FY19	FY20
				2Qtr Oct-Dec	3Qtr Jan-Mar	4Qtr Apr-Jun	1Qtr Jul-Sep	2Qtr Oct-Dec	3Qtr Jan-Mar	4Qtr Apr-Jun	1Qtr Jul-Sep
Increase Customer Count	Avg. # of Residential Vehicles per day	#	200	111.2	104.4	131.6	132.5	130.8	126.1		
	Avg. # of Business/ Commercial utilizing CRF per day	#	10	N/A	4.6	6.4	5.9	5.0	7.2		
Increase Materials Throughput	General Recyclables Processed (% + or – previous Qtr.)	Tons / Qtr	>1.25%	170.4	144.1 (-15%)	230.0 (+59%)	160.1 (-30%)	132.4 (-17%)	145.9 (+10%)		
	Electronics Processed (% + or – previous Qtr.)	Tons / Qtr	>1.25%	23.7	34.0 (+43%)	35.6 (+5%)	26.4 (-26%)	22.6 (-14%)	22.9 (+1%)		
Increase Diversion Rate from Land Fill	% not sent to LF per Quarter	Recycled Tons / Total Tons	>3%	.87%	.96%	.86%	.57%	.66%	.90%		
Improve Financial Viability of CRF	WestRocks Net Revenue minus Trans & Processing of General Recyclables	\$	\$10,000	\$2,143	\$2,871	\$7,383	\$3,319	\$3,455	\$4,903		
	Green Star Payments for Electronics Recycling	\$	--	\$10,345	\$21,846	\$23,167	\$17,196	\$14,705	\$14,888		
Decrease Material Contamination	# of Rejected Commercial Loads	#	<1	0	0	0	0	0	0		
	# of End Market Material Rejection	#	0	0	0	0	0	0	0		
Improve Personnel Safety	OSHA Recordable Injuries	#	<1	0	0	0	0	0	0		
Prevent Facility / Equipment Accidents	Damage Incidents	#	<1	1	0	0	1	2	0		

**CENTRAL RECYCLING FACILITY**

**West Rock Shipments**

**FY19**

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-18	44	\$40.00	40,293	20.1	\$805.86	\$1,510.99	(\$705.13)	43	\$0.00	53,305	26.7	\$0.00	\$1,998.94	(\$1,998.94)	0	\$40.00	0	0.0	\$0.00	\$0.00	\$0.00
Aug-18	56	\$40.00	50,858	25.4	\$1,017.16	\$1,907.18	(\$890.02)	41	\$5.00	50,204	25.1	\$125.49	\$1,882.28	(\$1,756.79)	0	\$40.00	0	0.0	\$0.00	\$0.00	\$0.00
Sep-18	55	\$40.00	49,666	24.8	\$993.32	\$1,862.48	(\$869.16)	41	\$10.00	49,577	24.8	\$247.89	\$1,859.14	(\$1,611.25)	0	\$40.00	0	0.0	\$0.00	\$0.00	\$0.00
Oct-18	56	\$40.00	49,078	24.5	\$981.56	\$1,840.43	(\$858.87)	46	\$10.00	55,663	27.8	\$278.32	\$2,087.36	(\$1,809.05)	0	\$40.00	0	0.0	\$0.00	\$0.00	\$0.00
Nov-18	44	\$45.00	36,504	18.3	\$821.34	\$1,368.90	(\$547.56)	30	\$10.00	36,551	18.3	\$182.76	\$1,370.66	(\$1,187.91)	0	\$40.00	0	0.0	\$0.00	\$0.00	\$0.00
Dec-18	38	\$45.00	31,816	15.9	\$715.86	\$1,193.10	(\$477.24)	29	\$10.00	35,928	18.0	\$179.64	\$1,347.30	(\$1,167.66)	0	\$40.00	0	0.0	\$0.00	\$0.00	\$0.00
Jan-19	65	\$50.00	52,909	26.5	\$1,322.73	\$1,984.09	(\$661.36)	40	\$10.00	49,929	25.0	\$249.65	\$1,872.34	(\$1,622.69)	0	\$40.00	0	0.0	\$0.00	\$0.00	\$0.00
Feb-19	49	\$35.00	44,244	22.1	\$774.27	\$1,659.15	(\$884.88)	15	\$0.00	19,098	9.5	\$0.00	\$716.18	(\$716.18)	0	\$35.00	0	0.0	\$0.00	\$0.00	\$0.00
Mar-19	48	\$30.00	40,787	20.4	\$611.81	\$1,529.51	(\$917.71)	51	\$0.00	64,185	32.1	\$0.00	\$2,406.94	(\$2,406.94)	0	\$25.00	0	0.0	\$0.00	\$0.00	\$0.00
Apr-19	0		0	0.0	\$0.00	\$0.00	\$0.00	0		0	0.0	\$0.00	\$0.00	\$0.00	0		0	0.0	\$0.00	\$0.00	\$0.00
May-19	0		0	0.0	\$0.00	\$0.00	\$0.00	0		0	0.0	\$0.00	\$0.00	\$0.00	0		0	0.0	\$0.00	\$0.00	\$0.00
Jun-19	0		0	0.0	\$0.00	\$0.00	\$0.00	0		0	0.0	\$0.00	\$0.00	\$0.00	0		0	0.0	\$0.00	\$0.00	\$0.00
<b>YTD Totals</b>	<b>455</b>		<b>396,155</b>	<b>198.08</b>	<b>\$8,043.90</b>	<b>\$14,855.81</b>	<b>(\$6,811.91)</b>	<b>336</b>		<b>414,440</b>	<b>207.2</b>	<b>\$1,263.73</b>	<b>\$15,541.13</b>	<b>(\$14,277.40)</b>	<b>0</b>		<b>0</b>	<b>0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>

FY 19 Totals:				
	Bales	Lbs	Tons	Net Revenue
OCC	455	396,155	198.08	(\$6,811.91)
MP	336	414,430	207.22	(\$14,277.40)
ONP	0	0	0.00	\$0.00
#1 PET	80	29,609	14.80	\$306.27
#2 HDPE	25	14,487	7.24	\$278.68
UBC	98	22,645	11.32	\$8,827.89
<b>Total:</b>	<b>994</b>	<b>877,326</b>	<b>438.66</b>	<b>(\$11,676.48)</b>

**CENTRAL RECYCLING FACILITY**

**West Rock Shipments**

**FY19**

	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-17	9	\$230.00	3,376	1.7	\$194.12	\$126.60	\$67.52	3	\$240.00	1,681	0.8	\$100.86	\$63.04	\$37.82	13	\$1,460.00	3,019	1.5	\$1,432.52	\$113.21	\$1,319.30	(\$1,279.42)
Aug-17	13	\$220.00	4,717	2.4	\$259.44	\$176.89	\$82.55	3	\$240.00	1,619	0.8	\$97.14	\$60.71	\$36.43	17	\$1,430.00	3,742	1.9	\$1,739.09	\$140.33	\$1,598.77	(\$929.06)
Sep-17	10	\$210.00	3,585	1.8	\$188.21	\$134.44	\$53.78	3	\$230.00	1,765	0.9	\$101.49	\$66.19	\$35.30	13	\$1,410.00	3,045	1.5	\$1,395.37	\$114.19	\$1,281.18	(\$1,110.15)
Oct-17	9	\$195.00	3,264	1.63	\$159.12	\$122.40	\$36.72	3	\$230.00	1,697	0.85	\$97.58	\$63.64	\$33.94	10	\$1,320.00	2,368	1.18	\$1,015.87	\$88.80	\$927.07	(\$1,670.18)
Nov-17	8	\$175.00	2,956	1.48	\$129.33	\$110.85	\$18.48	3	\$220.00	1,731	0.87	\$95.21	\$64.91	\$30.29	9	\$1,310.00	2,061	1.03	\$877.47	\$77.29	\$800.18	(\$886.52)
Dec-17	7	\$170.00	2,651	1.33	\$112.67	\$99.41	\$13.26	2	\$220.00	1,164	0.58	\$64.02	\$43.65	\$20.37	8	\$1,310.00	1,838	0.92	\$782.53	\$68.93	\$713.60	(\$897.67)
Jan-18	9	\$165.00	3,386	1.69	\$139.67	\$126.98	\$12.70	4	\$220.00	2,361	1.18	\$129.86	\$88.54	\$41.32	11	\$1,200.00	2,513	1.26	\$980.07	\$94.24	\$885.83	(\$1,344.21)
Feb-18	4	\$165.00	1,436	0.72	\$59.24	\$53.85	\$5.39	1	\$220.00	667	0.33	\$36.69	\$25.01	\$11.67	5	\$1,130.00	1,250	0.63	\$459.06	\$46.88	\$412.19	(\$1,171.81)
Mar-18	11	\$165.00	4,238	2.12	\$174.82	\$158.93	\$15.89	3	\$220.00	1,802	0.90	\$99.11	\$67.58	\$31.54	12	\$1,090.00	2,809	1.40	\$995.09	\$105.34	\$889.75	(\$2,387.47)
Apr-18	0		0	0.00	\$0.00	\$0.00	\$0.00	0		0	0.00	\$0.00	\$0.00	\$0.00	0		0	0.00	\$0.00	\$0.00	\$0.00	\$0.00
May-18	0		0	0.00	\$0.00	\$0.00	\$0.00	0		0	0.00	\$0.00	\$0.00	\$0.00	0		0	0.00	\$0.00	\$0.00	\$0.00	\$0.00
Jun-18	0		0	0.00	\$0.00	\$0.00	\$0.00	0		0	0.00	\$0.00	\$0.00	\$0.00	0		0	0.00	\$0.00	\$0.00	\$0.00	\$0.00
	80		29,609	14.80	\$1,416.61	\$1,110.34	\$306.27	25		14,487	7.24	\$821.94	\$543.26	\$278.68	98		22,645	11.32	\$9,677.07	\$849.19	\$8,827.89	(\$11,676.48)

**CENTRAL RECYCLING FACILITY**  
**Electronics Recycling**  
**FY19**

Ship Date	# of Pieces	Lbs	Tons	Cost/Ton	Total Cost	Ship To	Payment Made
07/03/18	4	2,104	1.05	\$651.00	\$684.85	GSIA	NEW FY
07/03/18	4	2,738	1.37	\$651.00	\$891.22	GSIA	Inv 2018-15
07/09/18	7	3,544	1.77	\$651.00	\$1,153.57	GSIA	Inv 2018-15
07/13/18	4	2,271	1.14	\$651.00	\$739.21	GSIA	Inv 2018-15
07/19/18	6	2,699	1.35	\$651.00	\$878.52	GSIA	Inv 2018-15
07/23/18	4	2,100	1.05	\$651.00	\$683.55	GSIA	Inv 2018-15
07/30/18	4	2,422	1.21	\$651.00	\$788.36	GSIA	Inv 2018-15
08/06/18	4	2,196	1.10	\$651.00	\$714.80	GSIA	Inv 2018-20
08/15/18	5	2,860	1.43	\$651.00	\$930.93	GSIA	Inv 2018-20
08/16/18	5	2,586	1.29	\$651.00	\$841.74	GSIA	Inv 2018-20
08/20/18	5	2,714	1.36	\$651.00	\$883.41	GSIA	Inv 2018-20
08/27/18	5	2,883	1.44	\$651.00	\$938.42	GSIA	Inv 2018-20
08/30/18	9	3,534	1.77	\$651.00	\$1,150.32	GSIA	Inv 2018-20
09/05/18	5	3,236	1.62	\$651.00	\$1,053.32	GSIA	Inv 2018-022
09/10/18	6	3,630	1.82	\$651.00	\$1,181.57	GSIA	Inv 2018-022
09/10/18	5	2,945	1.47	\$651.00	\$958.60	GSIA	Inv 2018-022
09/17/18	5	2,981	1.49	\$651.00	\$970.32	GSIA	Inv 2018-022
09/17/18	5	2,539	1.27	\$651.00	\$826.44	GSIA	Inv 2018-022
09/27/18	6	2,846	1.42	\$651.00	\$926.37	GSIA	Inv 2018-023
10/01/18	5	2,377	1.19	\$651.00	\$773.71	GSIA	Inv 2018-024
10/01/18	5	2,577	1.29	\$651.00	\$838.81	GSIA	Inv 2018-024
10/08/18	4	1,984	0.99	\$651.00	\$645.79	GSIA	Inv 2018-024
10/08/18	4	2,181	1.09	\$651.00	\$709.92	GSIA	Inv 2018-024
10/12/18	14	3,177	1.59	\$651.00	\$1,034.11	GSIA	Inv 2018-26
10/12/18	6	2,066	1.03	\$651.00	\$672.48	GSIA	Inv 2018-26
10/12/18	6	1,448	0.72	\$651.00	\$471.32	GSIA	Inv 2018-26
10/22/18	8	2,383	1.19	\$651.00	\$775.67	GSIA	Inv 2018-26
10/22/18	6	3,151	1.58	\$651.00	\$1,025.65	GSIA	Inv 2018-26
10/29/18	5	2,673	1.34	\$651.00	\$870.06	GSIA	Inv 2018-26
11/05/18	5	2,070	1.04	\$651.00	\$673.79	GSIA	2018-28
11/12/18	5	2,688	1.34	\$651.00	\$874.94	GSIA	2018-28
11/19/18	6	2,717	1.36	\$651.00	\$884.38	GSIA	2018-28
11/19/18	9	2,463	1.23	\$651.00	\$801.71	GSIA	2018-28
12/03/18	6	3,035	1.52	\$651.00	\$987.89	GSIA	2019-1
12/17/18	6	2,978	1.49	\$651.00	\$969.34	GSIA	2019-1
12/17/18	5	2,682	1.34	\$651.00	\$872.99	GSIA	2019-1
12/28/18	5	2,527	1.26	\$651.00	\$822.54	GSIA	2019-1
01/07/19	5	2,833	1.42	\$651.00	\$922.14	GSIA	2019-002
01/14/19	5	2,591	1.30	\$651.00	\$843.37	GSIA	2019-002
01/24/19	4	2,108	1.05	\$651.00	\$686.15	GSIA	2019-002
01/24/19	10	2,783	1.39	\$651.00	\$905.87	GSIA	2019-002
01/31/19	5	1,992	1.00	\$651.00	\$648.40	GSIA	2019-002
02/07/19	4	1,935	0.97	\$651.00	\$629.84	GSIA	2019-006
02/07/19	4	2,584	1.29	\$651.00	\$841.09	GSIA	2019-006
02/21/19	5	3,098	1.55	\$651.00	\$1,008.40	GSIA	2019-006
02/28/19	5	3,278	1.64	\$651.00	\$1,066.99	GSIA	2019-006
02/28/19	5	2,756	1.38	\$651.00	\$897.08	GSIA	2019-006
03/07/19	5	3,130	1.57	\$651.00	\$1,018.82	GSIA	2019-009
03/07/19	6	2,860	1.43	\$651.00	\$930.93	GSIA	2019-009
03/14/19	5	2,525	1.26	\$651.00	\$821.89	GSIA	2019-009
03/14/19	5	3,078	1.54	\$651.00	\$1,001.89	GSIA	2019-009
03/21/19	5	2,548	1.27	\$651.00	\$829.37	GSIA	2019-009
03/21/19	5	3,051	1.53	\$651.00	\$993.10	GSIA	2019-009
03/28/19	5	2,590	1.30	\$651.00	\$843.05	GSIA	2019-009
			0.00	\$651.00	\$0.00		
			0.00	\$651.00	\$0.00		
YTD Totals	296	143,745	71.9		\$46,789.00		\$0.00

ER Monthly Totals				
Monthly Totals	# of Pieces	Lbs	Tons	Total Cost
July-18	33	17,878	8.94	\$5,819.29
Aug-18	33	16,773	8.39	\$5,459.61
Sep-18	32	18,177	9.09	\$5,916.61
Oct-18	63	24,017	12.01	\$7,817.53
Nov-18	25	9,938	4.97	\$3,234.82
Dec-18	22	11,222	5.61	\$3,652.76
Jan-19	29	12,307	6.15	\$4,005.93
Feb-19	23	13,651	6.83	\$4,443.40
Mar-19	36	19,782	9.89	\$6,439.04
Apr-19	0	0	0.00	\$0.00
May-19	0	0	0.00	\$0.00
Jun-19	0	0	0.00	\$0.00

<b>FY 19 Totals:</b>				
<b>Total (GSIA)</b>	<b>296</b>	<b>143,745</b>	<b>71.9</b>	<b>\$46,789.00</b>

Contract with GSIA; \$580/Ton to process and \$71 / Ton to transport (\$651.00 per ton) for ER materials to GSIA.

1 By: Luke Hopkins  
2 Mike Musick  
3 Victoria (Torie) Foote  
4 Valerie Therrien  
5 Introduced: 09/13/07  
6 Adopted: 09/13/07  
7  
8

9 THE FAIRBANKS NORTH STAR BOROUGH

10 RESOLUTION NO. 2007-40

11 A RESOLUTION COMMITTING TO THE DEVELOPMENT OF A LOCAL CLIMATE  
12 CHANGE IMPACT PLAN  
13  
14

15  
16 WHEREAS, the Fairbanks North Star Borough Assembly has recognized  
17 the need to develop a community understanding of the potential impacts, adaptation to,  
18 and opportunities from climate change and learn what local actions could be taken and  
19 then consider appropriate steps to address these issues; and  
20

21 WHEREAS, numerous Alaskan commissions and panels charged with  
22 identifying Alaska's climate change indicators, have been considering the local impacts  
23 measured through research and observations. These include the University of Alaska  
24 International Polar Year Scenarios Network for Alaska Planning (SNAP) activities,  
25 Alaska Center for Climate Assessment and Policy (ACCAP) research on public  
26 infrastructure impact costs, the Denali Commission's community surveys, Governor  
27 Palin's Sub-Cabinet Panel on Climate Change, and the Alaska Army Corp of Engineers;  
28 and  
29

30 WHEREAS, numerous University of Alaska scientists have presented  
31 information developed from their research that points to both short term and long term  
32 impacts to the natural environment and surrounding communities, including forest fire  
33 response management; and  
34

35 WHEREAS, local actions to increase energy efficiency and alternative  
36 energy developments are expected to reduce the high cost of energy needed to heat  
37 our homes and our businesses and, when incorporated into a borough energy plan that  
38 would reduce the use of fossil fuels, will be effective in adapting to climate impacts,  
39 producing financial savings, strengthening our economy, improving air quality and lead  
40 to a healthier, sustainable community.  
41

42 NOW THEREFORE, BE IT RESOLVED that the Fairbanks North Star  
43 Borough Assembly commits to participate in the Climate Resilient Community five  
44 milestone plan and, as participant, will promote public awareness of the benefits of  
45 developing and implementing an action plan that improves our local economy, and  
46 protects our resources and borough residents.

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BE IT FURTHER RESOLVED that the Fairbanks North Star Borough Assembly requests the Mayor to participate in the International Council for Local Environmental Initiatives (ICLEI) Climate Resilient Community grant program to specifically develop our local five milestone plan that includes:

**Milestone 1. Study and assess climate vulnerability**

The Fairbanks North Star Borough shall work with local and agency experts and University of Alaska scientists to assess vulnerabilities and opportunities associated with climate change.

**Milestone 2. Set goals and prioritize**

Based on the assessment, the borough shall develop a prioritized list of goals and targets that reduce climate vulnerabilities and enhance opportunities, including goals based on a Borough energy plan that prioritizes cost savings and improvements to air quality (PM 2.5). Acquire commitments from the public and stakeholders to address these goals.

**Milestone 3. Develop an action plan**

Produce a concise plan that describes the actions and policies for

A) Adapting to climate change by reducing the negative impacts and taking advantage of opportunities, and B) opportunities made available from reducing the use fossil fuels through alternative energy uses, increases in energy efficiency and conservation. The plan will include a description of timing, financing, and responsible parties. Potential partners from the community include University of Alaska, non-profit organizations, agencies, and private businesses.

**Milestone 4. Implement the action plan**

Borough administration and potential partners will implement the action plan that includes a time line.

**Milestone 5. Monitor efforts and re-evaluate the action plan**

Document results and accomplishments toward the goals in the action plan. Re-evaluate, revise, and determine if an alternative approach is necessary to reach the goals set in the action plan. Report updates to the public, local governmental bodies and experts to evaluate progress toward the goals.

BE IT FURTHER RESOLVED that the Fairbanks North Star Borough requests assistance from ICLEI’s Climate Resilient Community program as our borough progresses through the milestones.

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PASSED AND APPROVED THIS 13<sup>TH</sup> DAY OF SEPTEMBER 2007.



\_\_\_\_\_  
Luke Hopkins  
Presiding Officer

ATTEST:



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Mona Lisa Drexler, CMC  
Municipal Borough Clerk

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Ayes: Bartos, Beck, Foote, Winters, Musick, Therrien, Hopkins  
Noes: Frank  
Excused: Rex