



City of Bethel
Public Works Committee
Regular Meeting - Wednesday, February 20, 2019 5:30 pm
City Hall Council Chambers, 300 Chief Eddie Hoffman Highway

Courtney Trammell
Committee Chair
Term Expires 12/2020

Alyssa Gustafson
Committee Vice-Chair
Term Expires 12/2019

Carol Jung-Jordan
Council Representative
Term Expires 10/2020

Jeff Sanders
Committee Member
Term Expires 12/2020

Ryan Butte
Committee Member
Term Expires 12/2020

Juan Delgado
Committee Member
Term Expires 12/2021

Bill Arnold
Ex- Officio Member

Charlie Dan
Committee Recorder

- I. **CALL TO ORDER**
- II. **ROLL CALL**
- III. **PEOPLE TO BE HEARD – 5 minute limit**
- IV. **APPROVAL OF AGENDA**
- V. **APPROVAL OF MINUTES**
 - a) 1-16-2019 Regular Meeting
 - b) 12-9-2018 Regular Meeting
 - c) 11-21-2018 Regular Meeting
 - d) 10-17-2018 Regular Meeting
 - e) 9-19-2018 Regular Meeting
- VI. **UNFINISHED BUSINESS**
 - a) Institutional Corridor Piped Water Supply Project
 - b) Sewer Lagoon
 - c) Gasification Incinerator for Municipal Solid Waste (Sanders)
 - d) We are Still in - Paris Agreement Standing/Support (Sanders)
 - e) Institutional Corridor Water and Sewer Rates
 - f) Coordinating Road Maintenance to Prevent School Delays (Butte)
 - g) Clarification of BMC sections on ownership of water\sewer facilities
- VII. **NEW BUSINESS**
 - a) Water Tank Size Ordinance
 - b) Water Plant Operator Certification (Gustafson)
 - c) Circuit Board Disposal in Rural Alaska (Trammell)
- VIII. **DIRECTOR'S REPORT**
- IX. **COMMITTEE MEMBER COMMENTS**
- X. **ADJOURNMENT**

Posted February 14, 2019 at City Hall, AC Co., Swanson's, and the Post Office.

Charlie Dan, Public Works Assistant

City of Bethel

Public Works Committee Meeting Minutes

January 16, 2019

Regular Meeting 5:30 p.m.

Bethel, Alaska

I. CALL TO ORDER

Meeting called to order at 5:50p.

II. ROLL CALL

MEMBERS PRESENT:	
Jeff Sanders	Alyssa Gustafson
BOARD MEMBERS ABSENT:	
Ryan Butte	Juan Delgado
Carole Jung-Jordan	Courtney Trammell
ALSO IN ATTENDANCE:	
Derek Bradley, Recorder	

A quorum of the body was not established, the meeting adjourned.

Courtney Trammell, Chair

ATTEST:

Public Works Recorder

City of Bethel
Public Works Committee Meeting Minutes

December 19, 2018

Regular Meeting 5:30 p.m.

Bethel, Alaska

I. CALL TO ORDER

Meeting called to order at 5:50p.

II. ROLL CALL

MEMBERS PRESENT:	
Jeff Sanders	Ryan Butte
BOARD MEMBERS ABSENT:	
Alyssa Gustafson	Juan Delgado
Carole Jung-Jordan	Courtney Trammell
ALSO IN ATTENDANCE:	
Derek Bradley, Recorder	

A quorum of the body was not established, the meeting adjourned.

Courtney Trammell, Chair

ATTEST:

Public Works Recorder

City of Bethel

Public Works Committee Meeting Minutes

November 21, 2018

Regular Meeting 5:30 p.m.

Bethel, Alaska

I. CALL TO ORDER

MEETING CALLED TO ORDER AT 5:34 pm.

II. ROLL CALL

MEMBERS PRESENT:	
Courtney Trammell, Chair	Juan Delgado
Alyssa Gustafson, Vice-Chair	Ryan Butte
BOARD MEMBERS ABSENT:	
Jeff Sanders	Carole Jung-Jordan, Council Rep
ALSO IN ATTENDANCE:	
Derek Bradley, Recorder	Bill Arnold, Director of PW, Ex-Officio

III. PEOPLE TO BE HEARD

None.

IV. APPROVAL OF AGENDA

V. APPROVAL OF MINUTES

VI. SPECIAL ORDER OF BUSINESS

VII. UNFINISHED BUSINESS

- A. Institutional Corridor Piped Water Supply Project
- B. Sewer Lagoon

MOVED:	Butte	Table Unfinished Business Items C, D, and E until December Meeting
SECONDED:	Gustafson	
VOTE ON AMENDMENT	All in favor	

- C. Gasification Incinerator for Municipal Solid Waste
- D. We are Still in – Paris Agreement Standing/Support
- E. Institutional Corridor Water and Sewer Rates

VIII. NEW BUSINESS

- A. Water Tank Size Ordinance

City of Bethel
Public Works Committee Meeting Minutes

November 21, 2018

Regular Meeting 5:30 p.m.

Bethel, Alaska

B. Coordinating Road Maintenance to Prevent School Delays (Butte)

- IX. DIRECTOR'S REPORT**
- X. MEMBER COMMENTS**
- XI. ADJOURNMENT**

Courtney Trammell, Chair

ATTEST:

Public Works Recorder

City of Bethel

Public Works Committee Meeting Minutes

October 17, 2018

Regular Meeting 5:30 p.m.

Bethel, Alaska

I. CALL TO ORDER

MEETING CALLED TO ORDER AT 5:35 pm.

II. ROLL CALL

MEMBERS PRESENT:	
Courtney Trammell-Chair	Jeff Sanders
Alyssa Gustafson- Vice-Chair	Ryan Butte (Arrived 5:38p.m)
Carole Jung-Jordan, Council Rep	
BOARD MEMBERS ABSENT:	
Juan Delgado	
ALSO IN ATTENDANCE:	
Derek Bradley, Recorder	Pete Williams, City Manager

III. PEOPLE TO BE HEARD

None.

IV. APPROVAL OF AGENDA

MOVED:	Sanders	Approve Agenda.
SECONDED:	Gustafson	
VOTE ON MAIN MOTION		
All in favor		

V. APPROVAL OF MINUTES

a) 9-19-2018 Public Works Meeting Minutes.

MOVED:	Sanders	Amend 9-19-2018 Meeting minutes New Business Item B to reflect that the wind turbine proposal happened in the past.
SECONDED:	Gustafson	
VOTE ON AMENDMENT		
All in favor		

MOVED:	Sanders	Approve 9-29-2018 Public Works Meeting Minutes.
SECONDED:	Gustafson	
VOTE ON MAIN MOTION		
All in favor		

City of Bethel

Public Works Committee Meeting Minutes

October 17, 2018

Regular Meeting 5:30 p.m.

Bethel, Alaska

VI. SPECIAL ORDER OF BUSINESS

None.

VII. UNFINISHED BUSINESS

- A. Institutional Corridor Piped Water Supply Project
- B. Sewer Lagoon
- C. Clarification of BMC Sections on Ownership of Water/Sewer Facilities

MOVED:	Gustafson	Postpone Item C to next meeting
SECONDED:	Butte	
VOTE ON MAIN MOTION	All in favor	

- D. Avenue Neighborhood Water and Sewer Improvements/Preliminary Engineering Report
- E. We are Still in – Paris Agreement Standing/Support
- F. Reconsideration of Land Use Agreement with AVEC For Wind Turbine Near the Landfill
- G. Gasification Incinerator for Municipal Solid Waste

VIII. NEW BUSINESS

IX. DIRECTOR'S REPORT

X. MEMBER COMMENTS

Carole Jung-Jordan- Glad to be on the committee. Attending Council Member training in November. Has concerns with streets and roads not preparing the road before school traffic. Would like large City logos on all trucks as well as bumper stickers that people could call to report bad driving. Would like to reduce the liability of City vehicles.

Ryan Butte- Would like to see more information regarding agenda items as well as design drawings for the Avenues Water and Sewer improvements.

Courtney Trammell- Would like Agendas and Packets to be electronically shared to reduce paper waste. Would like the agenda information updated to reflect Alyssa Gustafson as the Vice-chair. Welcomed and congratulated Carole Jung-Jordan on her election and appointment to the committee. Thanked City Manager Williams and recorder Derek Bradley for their information and effort.

City of Bethel
Public Works Committee Meeting Minutes

October 17, 2018

Regular Meeting 5:30 p.m.

Bethel, Alaska

XI. ADJOURNMENT

MOVED:	Gustafson	Adjourn the meeting.
SECONDED:	Sanders	
VOTE ON MAIN MOTION	All in favor	

Meeting Adjourned at 7:07 p.m.

Courtney Trammell, Chair

ATTEST:

Public Works Recorder

City of Bethel

Public Works Committee Meeting Minutes

September 19, 2018

Regular Meeting 5:30 p.m.

Bethel, Alaska

I. CALL TO ORDER

MEETING CALLED TO ORDER AT 5:35 pm.

II. ROLL CALL

MEMBERS PRESENT:	
Courtney Trammell	Juan Delgado
Fred Watson, Council Rep.	Jeff Sanders
BOARD MEMBERS ABSENT:	
Ryan Butte	Alyssa Gustafson
ALSO IN ATTENDANCE:	
Derek Bradley, Recorder	Bill Arnold, Director of PW, Ex-Officio

III. PEOPLE TO BE HEARD

None.

IV. APPROVAL OF AGENDA

MOVED:	Fred Watson	Approve Agenda.
SECONDED:	Jeff Sanders	
VOTE ON MAIN MOTION	4-0 All in favor	

MOVED:	Jeff Sanders	Motion to remove item "E" from agenda section VII
SECONDED:	Juan Delgado	
VOTE ON AMENDMENT	4-0 All in favor	

V. APPROVAL OF MINUTES

N/A

VI. SPECIAL ORDER OF BUSINESS

None.

VII. UNFINISHED BUSINESS

- A. Institutional Corridor Piped Water Supply Project
- B. Sewer Lagoon
- C. Clarification of BMC Sections on Ownership of Water/Sewer Facilities

City of Bethel

Public Works Committee Meeting Minutes

September 19, 2018

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Bethel, Alaska

- D. Avenue Neighborhood Water and Sewer Improvements/Preliminary Engineering Report
- E. Institutional Corridor Water and Sewer Rates

VIII. NEW BUSINESS

- A. We are Still in – Paris Agreement Standing/Support
- B. Reconsideration of Land Use Agreement with AVEC For Wind Turbine Near the Landfill
- C. Gasification Incinerator for Municipal Solid Waste

IX. DIRECTOR'S REPORT

X. MEMBER COMMENTS

XI. ADJOURNMENT

MOVED:	Fred Watson	Adjourn the meeting.
SECONDED:	Juan Delgado	
VOTE ON MAIN MOTION	4-0 All in favor	

Meeting Adjourned at 7:02 p.m.

Courtney Trammell, Chair

ATTEST:

Public Works Recorder

13.16.020 Water service.*

For the providing of residential/commercial water services within the city, the following charges shall be made:

A. In addition to water usage charges chapter, water customers shall pay eight dollars (\$8) monthly per water subscription for facility charges to fund the cost of water system capital improvements.

B. Hauled water delivery services for Zone 1, involving the following capacities, frequencies, extra call charges and rates, are:

Zone 1 Hauled Water Rates

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra haul
100	\$16.70	\$29.09	\$57.99	\$111.67	\$165.35	\$219.02	\$56.66
150	\$17.90	\$31.49	\$63.19	\$122.05	\$180.92	\$242.25	\$57.86
200	\$19.10	\$33.88	\$68.38	\$135.88	\$208.18	\$283.34	\$71.43
250	\$20.30	\$36.67	\$75.08	\$153.67	\$235.77	\$321.37	\$74.05
300	\$21.50	\$40.48	\$82.97	\$170.02	\$261.11	\$356.72	\$76.67
350	\$22.69	\$43.94	\$90.17	\$184.90	\$284.24	\$388.16	\$79.28
400	\$23.89	\$47.07	\$96.66	\$198.35	\$305.12	\$416.91	\$81.90
450	\$25.09	\$49.87	\$102.42	\$210.36	\$323.75	\$442.61	\$84.51
500	\$26.29	\$52.28	\$107.52	\$220.91	\$340.14	\$465.22	\$87.13
550	\$28.42	\$58.53	\$120.44	\$247.61	\$381.55	\$522.21	\$89.75
600	\$29.38	\$60.45	\$124.35	\$255.59	\$393.73	\$538.75	\$92.37
650	\$33.27	\$68.57	\$141.25	\$290.68	\$448.34	\$614.18	\$94.98
700	\$34.36	\$70.79	\$145.79	\$299.93	\$406.58	\$633.40	\$97.59
750	\$35.48	\$73.08	\$150.47	\$309.48	\$477.08	\$653.21	\$100.21
800	\$40.81	\$84.29	\$173.79	\$358.05	\$552.79	\$749.30	\$102.83
850	\$42.14	\$86.99	\$179.29	\$369.29	\$569.99	\$781.39	\$105.45
900	\$43.50	\$89.76	\$184.94	\$380.82	\$587.63	\$805.36	\$108.07
1,000	\$46.32	\$95.51	\$196.69	\$404.76	\$624.22	\$855.04	\$113.29
1,200	\$55.45	\$114.54	\$236.29	\$487.04	\$751.42	\$1,015.55	\$123.77
1,400	\$64.58	\$133.56	\$275.89	\$569.33	\$878.63	\$1,176.05	\$134.23
1,500	\$78.52	\$157.04	\$314.08	\$628.15	\$942.23	\$1,256.30	\$139.46
1,750	\$89.84	\$179.67	\$359.35	\$718.69	\$1,078.03	\$1,437.37	\$152.54

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra haul
2,000	\$101.16	\$202.31	\$404.62	\$809.23	\$1,213.84	\$1,618.44	\$165.63
2,500	\$123.79	\$247.58	\$495.15	\$990.30	\$1,485.45	\$1,980.59	\$210.88
3,000	\$146.42	\$292.85	\$585.69	\$1,171.38	\$1,757.06	\$2,342.74	\$217.97
3,500	\$169.06	\$338.11	\$676.23	\$1,352.45	\$2,028.68	\$2,704.89	\$244.13
4,000	\$194.47	\$390.39	\$783.75	\$1,573.36	\$2,368.82	\$3,170.11	\$331.26
5,000	\$247.58	\$495.15	\$990.31	\$1,980.60	\$2,970.91	\$3,961.19	\$383.59

C. Hauled water delivery services for Zone 2, involving the following capacities, frequencies, extra call charges and rates, are:

Zone 2 Hauled Water Rates

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra haul
100	\$26.69	\$49.07	\$101.28	\$198.25	\$295.22	\$392.18	\$106.61
150	\$27.89	\$51.47	\$106.48	\$208.64	\$310.80	\$412.96	\$107.81
200	\$29.09	\$53.86	\$111.67	\$219.02	\$326.37	\$433.73	\$109.01
250	\$30.29	\$56.26	\$116.86	\$229.41	\$341.95	\$454.50	\$110.21
300	\$31.49	\$58.66	\$122.05	\$239.79	\$357.53	\$475.27	\$111.41
350	\$32.68	\$61.05	\$127.25	\$250.18	\$373.11	\$496.04	\$112.61
400	\$33.88	\$63.45	\$132.44	\$260.56	\$388.69	\$516.81	\$113.80
450	\$35.08	\$65.85	\$137.63	\$270.95	\$404.27	\$537.59	\$115.00
500	\$36.28	\$68.24	\$142.83	\$281.34	\$419.85	\$558.36	\$116.20
550	\$37.48	\$70.64	\$148.02	\$291.72	\$435.43	\$579.13	\$117.40
600	\$38.68	\$73.04	\$153.21	\$302.11	\$451.00	\$599.90	\$118.60
650	\$39.87	\$75.43	\$158.40	\$312.49	\$466.58	\$620.67	\$119.80
700	\$41.07	\$77.83	\$163.60	\$322.88	\$482.16	\$641.44	\$120.99
750	\$42.27	\$80.23	\$168.79	\$333.27	\$497.74	\$662.21	\$122.19
800	\$43.47	\$84.29	\$173.98	\$358.05	\$552.79	\$749.30	\$123.39
850	\$44.67	\$86.99	\$179.29	\$369.29	\$569.99	\$781.39	\$124.59
900	\$45.87	\$89.76	\$184.94	\$380.82	\$587.63	\$805.36	\$125.79
1,000	\$48.26	\$95.51	\$196.69	\$404.76	\$624.22	\$855.04	\$128.18
1,200	\$55.45	\$114.54	\$236.29	\$487.04	\$751.42	\$1,015.55	\$132.98
1,400	\$64.58	\$133.56	\$275.89	\$569.33	\$878.63	\$1,176.05	\$137.77

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra haul
1,500	\$78.52	\$157.04	\$314.08	\$628.15	\$942.23	\$1,256.30	\$140.17
1,750	\$89.84	\$179.67	\$359.35	\$718.69	\$1,078.03	\$1,437.37	\$152.54
2,000	\$101.16	\$202.31	\$404.62	\$809.23	\$1,213.84	\$1,618.44	\$165.63
2,500	\$123.79	\$247.58	\$495.15	\$990.30	\$1,485.45	\$1,980.59	\$210.88
3,000	\$146.42	\$292.85	\$585.69	\$1,171.38	\$1,757.06	\$2,342.74	\$217.97
3,500	\$169.06	\$338.11	\$676.23	\$1,352.45	\$2,028.68	\$2,704.89	\$244.13
4,000	\$194.47	\$390.39	\$783.75	\$1,573.36	\$2,368.82	\$3,170.11	\$331.26
5,000	\$247.58	\$495.15	\$990.31	\$1,980.60	\$2,970.91	\$3,961.19	\$383.59

D. Water Delivery Services for Inside Fill. Customers with inside fill shall be charged by the schedule as set by the outside fill rate, and in addition each customer shall be charged a monthly surcharge of fourteen dollars and sixty-three cents (\$14.63) per month. Each inside fill customer is required to have a waiver of liability on file with the finance department.

E. No new services for deliveries more than two (2) times a week shall be established.

F. Piped Water Rates.

1. Residential flat rate: one hundred sixty-six dollars (\$166).
2. Nonresidential metered service per one thousand (1,000) gallons: forty-one dollars and thirty-five cents (\$41.35).
 - a. All nonresidential customers on piped services shall be metered.
3. Water service picked up at the pump house per approximate gallon: four cents (\$0.04) (approximately one dollar (\$1) per minute). [Ord. 14-12 § 2; Ord. 11-24 § 2; Ord. 10-20 § 2; Ord. 09-43 § 2; Ord. 09-33 § 2; Ord. 09-14 § 3.]

* Code reviser's note: Section 3 of Ord. 14-12 provides that subsections B, C and F of this section become effective on January 1, 2015.

NEW BUSINESS ITEM A- WE ARE STILL IN

This is an article found on [Bloomberg.org](https://www.bloomberg.com/news/articles/2017-06-27/we-are-still-in)

GO THE DISTANCE

The **American Cities Climate Challenge** is an unprecedented opportunity for 20 ambitious cities to significantly deepen and accelerate their efforts to tackle climate change and promote a sustainable future for their residents.

Since June 2017 when Washington turned its back on the Paris Agreement, mayors from more than 230 cities representing more than 70 million Americans have said **We Are Still In** and will continue to push America forward.

These city leaders did so because:

- Our cities are already experiencing the deleterious effects of climate change;
- Our residents want more resilient, sustainable neighborhoods and local economies; and
- Our mayors recognize that better health, jobs, and opportunities tomorrow depend on bold actions today.

For America's cities to lead the way in reducing carbon pollution requires a different kind of commitment. Delivering on it will require local innovation, broad-based efforts to grow and deepen public support for a sustainable future, and a relentless focus from mayors and their partners to achieve results.

To support this vital work, Bloomberg Philanthropies and partners have announced a \$70 million investment in the American Cities Climate Challenge. Selected cities – the 20 “Leadership Cities” – will be accepted into a two-year acceleration program, with powerful new resources and unprecedented access to world-leading support to help them meet – or beat – their near term carbon reduction goals.

Participating cities will:

- **Make the Paris Agreement goals real.** Mayors and their partners will scale and implement proven climate solutions and innovations that will help grow the economy, protect public health, and improve the quality of life for citizens.
- **Focus on high impact.** Leadership Cities will focus their efforts on the two sectors that contribute most to emissions in American cities – buildings and transportation. In nearly every major American city, buildings and transportation consume more energy and are

responsible for more carbon pollution than any other sector, totaling 90% of citywide emissions.

- **Create community.** Leadership Cities will have access to world-leading experts who will help mobilize support for accelerated climate action, bringing together residents, businesses, and community organizations.
- **Lead a movement.** The network of 20 Leadership Cities will leverage the unique power of collective learning and accountability and will provide insight and momentum for others. They will serve as role models for the rest of America.
- **Deliver results.** Mayors and their teams will work with dedicated delivery experts to put their plans into practice, engage city departments, review evidence of progress regularly, and innovate and improve until the goals are met.

Through the American Cities Climate Challenge, Bloomberg Philanthropies will provide a robust technical assistance and support package, including:

- A philanthropy-funded team member to facilitate the development and passage of high impact policies
- Data, design, and innovation resources to help city officials design and deliver bold programming
- Leadership development supports to get the best from key members of your city's team
- Implementation coaching to drive results
- Citizen engagement supports to maximize community buy-in
- Polling and communications support to amplify your megaphone
- Robust peer-to-peer learning and networking to ensure the 20 Leadership Cities learn from and push one another
- Rapid response grants to accelerate impact

Application process and timeline:

- **June 19: Open the Application.** Online application emailed to the 100 most populous cities in America.
- **By July 18: Accept the Challenge.** Initial applications focused on the city's commitment and ambition will be submitted.
- **July-September: Plan for Impact.** Bloomberg Philanthropies will visit shortlisted cities and work with them to develop goals, priority policies, and implementation plans that will serve as their final application.
- **Fall: Become a Leadership City.** The 20 Leadership Cities will be announced. Then the real work will begin!

FAQs for cities:

Eligibility

1. *How do we know if our city is eligible?*

The American Cities Climate Challenge is open to the 100 most populous cities in America ([according to the 2010 census](#)). Eligible cities received an email directing them to the application on June 19th. The application must be submitted by July 18th.

2. Do you require cities to commit to Paris Climate goals?

Yes. Cities are required to sign up for [We Are Still In](#) or an equivalent climate commitment.

3. If our city is a current or former Bloomberg Philanthropies grantee, can we still apply?

Yes. All cities that meet the eligibility criteria can apply.

4. My city is undergoing a mayoral transition in the next two years. Can we still participate?

We welcome applications from all cities that meet the eligibility criteria. If a transition is coming, we ask cities to think about how they will anticipate and manage through this transition to ensure that the climate work stays on track.

The Work

5. What types of efforts will this program support?

Leadership Cities will focus their efforts on the two sectors that contribute most to emissions in American cities: buildings and transportation. In nearly every major American city, buildings and transportation consume more energy and are responsible for more carbon pollution than any other sector, totaling 90 percent of citywide emissions.

6. What types of support will cities receive?

Cities will receive a robust technical assistance and support package valued at more than \$2 million per city including:

- A philanthropy-funded team member to facilitate the development and passage of high impact policies
- Data, design, and innovation resources to help city officials design and deliver bold programming
- Leadership development supports to help city officials get the best from key members of their teams
- Implementation coaching to drive results
- Citizen engagement supports to maximize community buy-in
- Polling and communications support to amplify the city's megaphone
- Robust peer-to-peer learning and networking to ensure the 20 Leadership Cities learn from and push one another

7. What is the role of the Natural Resources Defense Council (NRDC) in this effort?

NRDC will be the core partner supporting cities on overall project strategy, outreach and education, stakeholder engagement, advocacy, and coordination of best-in-class technical assistance from a variety of national organizations with expertise in buildings and transportation.

8. What is the role of Delivery Associates in this effort?

Delivery Associates will be the core partner supporting cities on implementation within City Hall including providing coaching to city staff on internal coordination, developing project milestones and metrics, and maintaining continued communication with the Mayor and other city leaders.

9. What other organizations are involved in the Challenge?

Technical assistance on high impact areas of local building and transportation strategies will be provided by a variety of national organizations who will be announced on an ongoing basis throughout the summer and fall of 2018.

10. How can local organizations be involved in this Challenge?

We know partnerships with local organizations are critical to success in many cities. After cities are selected, there may be additional opportunities for local organizations to be involved in the Challenge. For now, we encourage local organizations to support city applications however possible.

11. How much are cities expected to get done by the end of 2020?

We know this Challenge is ambitious, but these times call for ambitious action. We are confident that selected cities will leverage the robust resources provided through the Challenge to achieve the most impact possible on local climate goals and work towards the goals of the Paris Agreement. We are hopeful that some cities will exceed their local Paris climate goals by 2021.

Application Process

12. How will cities be selected?

Through a two-part competitive application process. Bloomberg Philanthropies will select the 20 cities most likely to move America forward on delivering the goals of the Paris Agreement. The application was sent by email to eligible cities on June 19th.

13. Can local organizations partner with cities on their applications?

The applicant should be the City that was invited to apply. Local partner organizations can support their city by committing to help the city implement ambitious, high impact policies and programs to cut climate pollution and think through strategies and tactics to reach those milestones. Local organizations can also submit letters of support pledging their commitment to work in partnership with their city through the Challenge.

14. What happens after we apply?

Shortly after the deadline and application review, a select group of cities will be notified that they are moving on to phase two of the application process. Bloomberg Philanthropies and partners will visit shortlisted cities and work with them to develop goals, priority policies, and implementation plans that will serve as their final application. While the phase one application will largely focus on cities' past track record and future commitment to this work, the phase

two application will seek to go deeper, operationalizing this commitment and developing a plan to measure and move the numbers on it.

15. Can I arrange a phone call with the project team now to learn how to put together the most competitive application possible?

We encourage you to email your questions to ClimateChallenge@bloomberg.org and someone will be in touch to answer your questions.

16. What if we have questions that aren't answered here?

Please contact us at ClimateChallenge@bloomberg.org.

note: BMC is available on the City's website. Water and Sewer is under Title 13. Here are some excerpts to help the discussion.

13.04.060 Ownership of facilities.

All water mains, water connections, valves, fittings, hydrants and other appurtenances, except water extension lines, shall be the property of the city. [Ord. 14-08 § 2; prior code § 11.04.030(3).]

13.04.130 Mains and connections.

A. Within the City. Water mains to areas within the city not presently served with water shall be installed only upon authorization of the council.

B. Outside the City. Water mains outside the city shall be installed only at the expense of the customers served.

C. Ownership. All water mains and water connections, whether within or outside the city, shall be the property of the city, and shall be installed by the department or the applicants, in accordance with plans and specifications approved by the department.

D. Location. All water mains and water connections shall be on rights-of-way, easements or public property. All easements or right-of-way permits secured for water mains and water connections shall be obtained in the name of the city. [Ord. 14-08 § 2; prior code § 11.04.050.]

13.04.330 Liability of city and customer.

The city shall not be liable for any loss or damage of any nature whatsoever caused by any defect in the water extension line or the customer's plumbing or equipment, nor shall the city be liable for loss or damage due to interruption of service or changes in pressure. The customer shall be responsible for valves on his premises being turned off when the water service is turned on. [Ord. 14-08 § 2; prior code § 11.04.130.]

13.08.030 Connection to proximate interceptor.

Wherever there is constructed within the sewer service area an interceptor for the purpose of transmitting sewage to the sewage treatment plant or lagoon, the owner or owners of the property abutting any street, alley or right-of-way along which the interceptor is constructed, must connect all improvements on such property in which any sewage or liquid waste is produced, with a customer service line and an interceptor. Upon completion of construction of such interceptor, the department shall notify the city clerk who shall publish a notice that the sewer service is available to serve inhabitants of that area who shall make application for service or connect to the sewer system within one (1) year after the date of the published notice. Failure of the owner of the improved property to do so shall constitute a violation of this chapter. The department may, for good and sufficient reason, extend the time for completion of the connection. [Prior code § 11.12.020(2).]

13.08.040 Service obligations of city.

A. Sewer service shall be provided by the department, which shall exercise reasonable diligence and care to ensure the uninterrupted operation of the system.

B. The city shall not be liable for damage resulting from interruption in service. Temporary suspension of service by the department for improvements and repairs may be necessary. Whenever possible, and when time permits, all customers affected by such suspension will be notified prior thereto by notice through news media or otherwise.

C. The city shall own or operate and maintain a facility to be used for the treatment of sewage deposited in the sewer system. [Prior code § 11.12.030(1), (2).]

13.08.050 Ownership of facilities.

All interceptors, pump stations, valves, fittings, outfall pipes, aeration equipment, and related facilities and appurtenances, except customer service lines, shall be the property of the city, unless otherwise provided by the council by written contract. [Prior code § 11.12.030(3).]

13.08.110 Interceptors and appurtenances.

A. Ownership. All interceptors and other appurtenances of every kind constituting and used for the sewer system, except customer service lines, shall be the property of the city, and shall be installed by the department or the applicants, in accordance with plans and specifications approved by the department.

B. Location. All interceptors and appurtenances constituting and used for the sewer system, except the customer service lines, shall be on rights-of-way, easements or public property. All easements or right-of-way permits secured for the sewer system shall be obtained in the name of the city. [Prior code § 11.12.050(3), (4).]

13.04.180 Holding tank service.

Customers to whom a water main is not available may have water delivered to their properties for discharge into holding tanks; provided, that the location, type of holding tank and access thereto is approved by the department. Quantity and frequency of delivery shall be determined by regulations or orders of the department and approved by the council, and the rate charged for such delivery shall be determined by the council by ordinance. In new home construction, the minimum water holding tank size shall be determined by the chart below:

Number of Bedrooms	Water Tank Size
One to two bedrooms	800 gallons
Three bedrooms	1,000 gallons
Four bedrooms	1,200 gallons

“New home construction” is defined as all new homes where the site permit is approved after September 1, 2014. [Ord. 14-08 § 2; Sub. Ord. 05-08 § 2; prior code § 11.04.060(6).]

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Hazardous Waste Disposal in Rural Alaska - Alaska Business Monthly - August 2017

14-18 minutes

It's not as easy as taking out the trash

By Tom Anderson

Published: August 3, 2017

Most of us are familiar with how typical garbage disposal works. Whether you have a pick up service to empty your trash barrels or receptacle or you drive to and empty your refuse at a local landfill, if you're in any of Alaska's regional urban zones there are plenty of options for trash disposal.

Discarding hazardous waste can be more complicated. In Alaska's larger cities including Anchorage, Fairbanks, and Juneau, and even moderate-size communities such as Ketchikan and Kenai, there are multiple options to rid your property of that old refrigerator, dead batteries, or broken computer monitors.

But what about rural Alaska? How do residents and businesses in small, isolated communities discard hazardous waste materials, and what options are available when it comes to related services?

Sustainable Statewide Backhaul Program

Lawmakers, analysts, and community members agree that there is a definite need to address the logistics involved in removing hazardous waste from rural communities. “There is no safe way to dispose of hazardous waste in the rural Alaskan setting, and backhauling is expensive and logistically difficult for many small communities. A well-coordinated statewide backhaul program will reduce risks to health and the environment, stretch rural Alaska’s limited dollar, and protect subsistence resources,” reports The Backhaul Alaska Program in 2017.

Zender Environmental Health and Research Group is a nonprofit 501(c)(3) organization that provides environmental program services for isolated, rural populations and Alaska Native Villages statewide. The firm is led by Executive Director Dr. Lynn Zender, who specializes in solid waste management and health risks. Deputy Director Simone Sebalò, MS, has a background in engineering and studies solid waste issues on a daily basis. International management firm Booz Allen Hamilton retained the Zender research team to help plan a coordinated statewide system for recycling hazardous waste from rural Alaska communities. The program—called “Backhaul Alaska”—is funded by the Environmental Protection Agency (EPA). Backhaul Alaska’s website says, “A pilot program for community electronics, lead acid batteries, and fluorescent light bulbs is targeted for summer 2018. The program will develop over the next ten years.”

The idea for a statewide backhaul program (originally coined as “Adopt-A-Barge”) was conceived by US Senator Lisa Murkowski to ensure the backhaul process is affordable.

The Solid Waste Alaska Taskforce (SWAT), which through research and other work is facilitating the launch of Backhaul Alaska, is

comprised of several statewide organizations including Kawerak, the State of Alaska's Solid Waste Program, Alaska Native Tribal Health Consortium, and the aforementioned EPA and Zender.

“When it comes to hazardous waste in remote Alaska, the priority materials for backhaul are lead acid batteries [from vehicles like ATVs and snow machines], fluorescent light bulbs and ballasts, and various electronic waste like discarded TVs, computers, laptops, VCRs, and fax machines,” says Sebalo. “Backhauling these materials removes the bulk of mercury and lead from landfills.” She adds that while scrap metal can make for an unattractive landfill, as long as batteries, mercury switches, fluids, and other non-inert items are removed, it doesn't pose much of a threat to the surrounding environment.

Zender and Sebalo add that waste products like tires are less of a priority in rural Alaska. Though villages have shipped tires out of their communities, it's not common because of the expense and difficulty of finding an appropriate recycling facility. Tires are toxic when burned and can make a landfill fire burn out of control, but they are easily separable. Adopting strict burning rules and maintaining an organized landfill can minimize the risk of out-of-control fires. Further, electronics, batteries, and lights leach contaminants into the ground, and they are being generated at greater and greater volumes. Zender and Sebalo add there is some market for the component materials that make backhaul possible, even if at a cost.

Backhaul Alaska has a five-prong framework crafted to address the process of reducing hazardous waste in rural Alaska. Those five prongs are logistical coordination of the hazardous waste transportation via plane, barge, truck, and rail; village

preparedness, including the tools to backhaul waste such as conex containers, shrink wrap, totes, and lifting equipment; village coordination to include training, supplies, and technical support with designated regional managers; uniformity to minimize inefficiency and federal, state, and local regulatory compliance; and partnership opportunities where charitable businesses, particularly in construction and building trades, can support their communities to modernize and expedite hazardous waste containment and elimination.

According to a March 2017, 105-page report called “Sustainable Statewide Backhaul Program Draft Plan,” researched and compiled by Zender and funded by the EPA, the ten-year plan outlines an initial pilot program including up to 35 villages in rural Alaska that will launch in 2017 and 2018. The model blossoms into a full program of up to 100 villages, with development and marketing phases in the sixth or seventh year encouraging as many as 180 villages to collaborate in efficient waste disposal.

Logistics Complicate Hazardous Waste Disposal

Zender notes that the report and findings center on rural Alaska communities off the road system. Considering the sheer number of small communities and villages, the logistics (and trash) can become overwhelming if not managed properly.

Specifically, the Zender report points out that the Yukon-Kuskokwim region has approximately forty-seven communities that can be served by the recommended hazardous waste removal program, while the Bristol Bay region has as many as twenty-six communities, Norton Sound has fifteen, Northwest Arctic has eleven, the Peninsula region is home to seventeen, and the Interior

region has as many as forty communities.

Zender says there is a vital need for solidarity in focus and function.

“When the program comes into fruition and operates efficiently, beyond local businesses and entrepreneurial support, federal agencies like SBA, USDA, FAA, USFWS, USPS, and our US senators and congress persons will be integrally involved, as will State of Alaska departments and agencies and the boroughs and local communities affected. This is an enormous and concerted effort to keep Alaskans healthy and safe from environmental hazards.”

The Business of Hazardous Waste

There are a handful of Alaska businesses that participate in waste removal. Although the geography of the state, transportation costs, and logistical barriers create significant challenges for hazardous waste enterprises, these skilled Alaska businesses have found success.

Total Reclaim

Total Reclaim (TRI) is a Seattle-based environmental services company with satellite branches in Anchorage and Portland, Oregon. TRI was established in Seattle in 1991, mainly as a refrigerant and HVAC recovery and reclaiming facility. It has since expanded services to include recycling electronics, fluorescent lighting, mercury bearing devices, and batteries, among other materials. The Anchorage branch opened in 2005 and currently provides recycling services for communities throughout the state. Jeff Zirkle and Craig Lorch are the founders and owners of TRI. The Seattle facility has approximately eighty employees and the Anchorage branch has five.

“We take hazardous waste removal and disposal seriously,” says TRI Alaska General Manager Jake Sneddon. “The rural dynamic of geography and remote communities make the logistics complicated, but we strive to be comprehensive and efficient, which keeps us busy with clients as a result.”

TRI is mainly a collection and transfer site, but the company also provides consolidation and shipment of electronics, mercury-bearing lamps and devices, industrial batteries, refrigeration appliances, and nonferrous metals. The company handles logistical support for rural communities, including backhaul consultation to ensure safe collection, staging, handling, and packaging practices.

“We can help with the ground support for collection events and various field projects such as cleanups, junk vehicle preparation, and refrigeration recovery, as well as hands-on trainings for refrigerant recovery, recycling backhauls, and vehicular removal,” adds Sneddon.

TRI has received recyclable material from no less than 125 Alaskan communities, notes Sneddon. He says most coastal communities now have the experience to perform their own collections and ship directly to their Seattle facility. Each year TRI performs a number of activities within communities outside of Anchorage. While these are often collection events, the company provides refrigerant recovery certification testing and training, recycling and backhaul training, and junk vehicle preparation education services.

“We partner with a number of other solid waste/recycling companies, nonprofits, and state and federal agencies, often participating in conferences, trainings, and workshops so we’re all on the same page.”

And monetarily, these efforts can add up, he says. The list of materials the company has disposed of from rural Alaskan communities includes TVs, computer monitors, towers and LCD screens, clean panel and lead glass, steel, aluminum, copper and other nonferrous metals, circuit boards, plastics, batteries, light bulbs, refrigerants, various machines with coolants and oils/gases, and non-PCB ballasts. Add together all the communities, diverse populations and products, and suddenly there is a huge spectrum of disposal and safety requirements that must be taken into consideration.

National Response Corporation Alaska

NRC Alaska, formerly known as Emerald Alaska, has been managing liquid and solid wastes for Alaska businesses and communities since 2000. The company has close to one hundred employees in nine locations across the state, including Prudhoe Bay, Fairbanks, Kenai, Palmer, and Anchorage.

Led by Senior Vice President Blake Hillis, NRC Alaska has evolved into a signature source for management of recyclable liquids including used-oil, off spec fuels, spent glycol solutions, and petroleum impacted water in rural Alaska.

“Hazardous waste management issues in Alaska can often be resolved by tailoring elements of an operation to address minimization, recycling, and cost management objectives,” says Paul Nielsen, the company’s director of sales and marketing. “NRC Alaska stands alone in this area by maintaining an experienced, highly-trained staff of environmental professionals who respond to hazardous and non-hazardous materials waste management requests from our clients.”

Nielsen adds that the company's personnel possess an extensive working knowledge of all aspects of waste management, allowing NRC Alaska to provide complete containerized waste management services in rural Alaska that include hazardous waste transportation and disposal. The company handles non-hazardous waste recycling technology and treatment as well as vacuum truck and tanker services.

"NRC Alaska operates the largest and longest tenured waste treatment and disposal facility in Alaska," says Nielsen. "From our Anchorage location, we routinely collect, store, transfer, process, and recycle hundreds of regulated and non-regulated waste streams from private sector and public sector government clients in rural communities. We have managed recyclable wastes from Kaktovik to Point Hope including Prudhoe Bay, Barrow, and all villages in the North Slope Borough; Northwestern hub villages of Nome, Kotzebue, and Unalakleet; Southwestern hub villages of Bethel, Dillingham, and King Salmon plus the surrounding Bristol Bay villages; the entire Aleutian chain including the Bering Sea communities north to Gambell and Savoonga; Interior river villages from the Y-K Delta up to Galena and Fort Yukon; and all of the Southcentral Railbelt communities, and Southeastern Alaska."

NRC operates Household Hazardous Waste Collection programs in several communities, including the Municipality of Anchorage and the Kenai Peninsula Borough, and supports other boroughs' programs including the Matanuska Susitna and Fairbanks North Star Boroughs.

Carson Dorn

Steve Haavig has been in the household hazardous waste

business for twenty-five years in Southeast Alaska. His focus remains the safe and compliant removal of these materials to keep communities in Alaska environmentally safe. Haavig works with Juneau-based environmental consulting company Carson Dorn to remove hazardous household goods from rural communities that include paints, cleansers, acids, bases, pesticides, motor oil, antifreeze, gasoline, and diesel fuel.

Collection occurs at more than fifteen annual events in communities in Southeast Alaska. Items are then shipped to Seattle for recycling or disposal. Haavig says his business's focus is rural and non-urban communities off the road system like Sitka, Craig, Klawock, Wrangell, Petersburg, Haines, Cordova, and Unalaska. The group also services larger communities like Ketchikan and Valdez. Rural village residents and community members are notified when collection events are scheduled so they can bring in their household hazardous waste materials for disposal.

Haavig explains that collection events typically occur over a weekend, after which drums and containers are filled with disposed of materials and placed on a transport barge headed to Seattle. He notes that businesses can also participate depending on the amount of the waste delivered during an annual cycle. He says the community programs accept residential, business, and even government agency waste.

In terms of weight and amounts, "It depends on the size of the rural community," says Haavig. "Whereas Ketchikan has over 16,000 people and may bring over 50,000 pounds of household materials, Craig, Alaska, has 2,200 people and may bring 25,000 pounds of disposables." He adds that the communities served are part of the Southeast Conference, through which Carson Dorn initially was

awarded the contract via RFP.

The Future of Hazardous Waste Disposal in Rural Alaska

The combined efforts of Alaska policy makers, the EPA, SWAT, and industry experts are starting to show tangible results. The evolution of safe and efficient hazardous waste removal will continue in a productive way as long as businesses participate and donate to the cause and community leaders inspire their residents and region to join the mission.

Tom Anderson owns a public relations firm and is a freelance writer in Alaska.

This article first appeared in the August 2017 print edition of Alaska Business.



Pilot 2 Application

Backhaul Alaska Pilot Program

The Backhaul Alaska Program (“Program”) is implementing two pilot phases to test procedures and identify various costs. The first phase (“Pilot 1”) is already underway. The second phase (“Pilot 2”) will take place beginning Spring 2019, through Summer 2020. Backhaul events for off-road villages will be carried out primarily in Summer 2020.

This application is for communities that wish to be considered for Pilot 2, in which fifteen (15) communities shall be selected. Please note, **Pilot 2 communities must cover their staff time.**

Before applying, please read carefully all information, including village responsibilities, threshold criteria, and regional prioritization. Villages that do not meet the Threshold Criteria will not be selected.

Village Responsibilities During Pilot Project:

Backhaul Alaska will provide training to perform the following required village duties:

- Track overall participation workload and costs, including specific types of task, as trained by Program staff.
- Send staff to be trained at the Uniform Training in Anchorage
- Give feedback on various forms, checklists, and spreadsheets
- Conduct waste inventory, test inventory form, and provide feedback
- Give feedback on communication practices between regional coordinator and villages
- Identify or develop the most suitable reimbursement methods for their community’s backhaul costs, either through a fee program and/or other means
- Give feedback on community member’s thoughts on various Program efforts
- Track supplies used for backhauling
- Pilot a local donor appreciation program for Program supporters, such as transporters and recyclers that provide discounts.

Villages Will Receive:

- Free recycle and shipping for at least one connex of e-wastes, batteries, and fluorescent lights
- At least \$3,250 to develop infrastructure and purchase supplies (e.g. connex for recycle shed, pallet jack & scale, lumber for a shed, etc.)
- Travel stipend of \$1,600 for full attendance of the Uniform Backhaul Training on May 20-24, 2019 (stipend sent post-training)
- Recommended safety gear and miscellaneous other supplies, worth approximately \$500.
- Arranged logistics for backhaul
- Free comprehensive training in backhaul, including regulatory compliance
- Two University of Fairbanks credits paid for one staff person completing training
- Assistance on every aspect of setting up backhaul program
- Reimbursement for time spent tracking and reporting pilot data

Application Deadline and Questions:

The application deadline is **December 16th**. Applications should be electronically submitted, by fax or email to info@backhaulalaska.org or Fax 1 877 335 6780. Please direct any questions to info@zendergroup.org. The quickest way to receive a response is via this email. You may also call the Zender main office line at 907277-2111, and someone will return your call.

Regional Priority Selection:

Pilot 1 and Pilot 2 phases of Backhaul Alaska are intended to determine costs for coordinating transportation and recycling across regions with multiple villages. To accomplish this, the following regions will be prioritized:

- AVCP
- Bristol Bay
- Kawerak
- KANA
- TCC
- Maniilaq

Villages from other regions may be selected depending on the mix of applicant villages and their attributes. For example, a village from outside these regions may possess attributes that are not represented in other Pilot 2 applicants. This village might then be selected, even though outside a priority region.

Pilot 2 Threshold Criteria:

Communities *must have*:

- *To apply* - Adequately experienced solid waste program management staff who will serve as primary contact and will manage various Pilot 2 required efforts, such as community outreach, specific task labor time tracking, and Donor Appreciation Strategy implementation. Backhaul Alaska will only work if we implement strict procedures to assure everyone's safety, regulatory compliance, and maximum streamlining of labor costs. Therefore, the primary contact will be required to follow very carefully the various Program protocols and procedures.
Minimum time in job is 2 years, and more is preferred. The primary contact must be available throughout the full-time period of Spring 2019 through Summer 2020.
- *To apply* - Council/Authority signature on the accompanying Statement of Intent (Page 5) to signify their sincere interest and intention to participate if selected, and their understanding of the primary duties and responsibilities they will have. *To receive priority, submit this Statement with the application.* Villages submitting Statement of Intent by **January 10th** may still be eligible. After that date, eligibility is lost.
- *To apply* - Pilot 2 communities are responsible for paying for staff and backhaul labor time spent on Pilot 2, including backhaul labor. A limited number of hours is covered for tracking Pilot 2 hours and providing feedback. Pilot 2 communities must also be able to cover airfare and per diem for at least one employee or temporary backhaul labor.
 - If the applying entity is a Tribe, it must be able to fund all FTE for staff and any temporary backhaul laborers under regular IGAP or other means.
 - If a City, must cover all staff FTE and any temporary backhaul labor.
- *To be given priority* – Community demonstrates involvement/interest in improving solid waste via community meeting attendance, letters, payment of fee structure over 50%, etc.

- *To apply* - Workers Comp Insurance for the applying entity. *Submit a scanned copy of the Certificate with your application to receive priority.* **January 10th** is the last day to submit proof and retain eligibility for the Program.
- *To apply* - Ability to send one to two people to the full 5-day (5-6 nights) Uniform Backhaul Training held in Anchorage on May 20-24, 2019. Assuming at least one staff person completes the training, Backhaul Alaska will mail a travel stipend of \$1,600 post-training.
- *If selected* - Council/Authorized Signer Signature on a more comprehensive legal Agreement will be required. The Pilot 1 version can be found here: <http://www.zendergroup.org/BAPP/agreement.docx>. The Pilot 2 version will be similar and will be sent to all candidate villages.

Required Community Information

Community Name: _____ Entity Applying (City or Tribe): _____

Point of Contact Information:

Name: _____ Job Title: _____ Phone #: _____

Email Address: _____ Number of years in current position: _____

Backhaul experience:

Has your community backhauled before? _____ If so, when was the last backhaul? _____

Did you assist with the backhaul in any way? Describe. _____

Attributes: Please note that there is no “right” answer for community attributes. We need a good mix of different community attributes to test the Program. Your answers to the attribute questions help us select communities that are large and small, have high community involvement and low involvement, etc.

Community Population: _____

Have you backhauled (or could you backhaul) with any nearby communities? _____ If yes, list communities:

Please checkmark which shipping logistics are used to backhaul materials from your community:

___ small plane to hub ___ barge to hub ___ barge direct to vendor ___ plane direct to vendor

___ boat/snowmachine/ATV to semi-regional hub/neighbor village ___ boat/snowmachine/ATV to hub

Does your community collect a fee for solid waste? _____

If yes, what is the approximate fee level for households and businesses?

If yes, check one:

1. All households are supposed to pay the fee _____ **OR**
2. Only households that want the service pay the fee _____

If you checked "1", fill in an estimate of how many households actually pay the fee on average For example, you could write "about half" or "almost all", or "45 out of 62" houses: _____

Check which mix of solid waste duties best applies in your community:

_____ City is primary backhaul and landfill _____ Tribe does backhaul, city does landfill
_____ Tribe does backhaul and landfill _____ Other (Describe): _____

Leveraging:

If a Tribe, do you have IGAP Funding you plan to spend on Backhaul? _____ List start/end dates: _____

List any other current funding for backhaul _____

List any other in-kind or cash assistance for backhaul _____

Do you have any federal or state projects in 2018, 2019, or 2020 that are current or about to happen that impacted/s the waste-stream? _____

Which year is the project occurring? _____

Which state or federal agency? _____ Please give a 1 sentence description of project(s):

Applications are due by December 16th.

Please return this application to: info@backhaulalaska.org or Fax 1 877 335 6780

Backhaul Alaska Pilot Program

Statement of Intent

This Statement of Intent is on behalf of (list name of city/tribe) , and located at (list address) , referred to below as "Participant".

Participant has been selected to participate in the 2nd round of the Backhaul Alaska Pilot Program ("Pilot"). The program events will take place between Spring 2019 and late Summer 2020. In general, training and inventory of materials will occur in the first year, with the actual backhaul event slated for Summer 2020. However, each community is different, and the Pilot aims to use the best logistics and timing for your circumstances. The overall goal of the Pilot is to:

1. Learn the cost of different items and activities, and
2. How it should best be organized.

Whereas, Participant understands there are significant benefits and responsibilities and has read the entire accompanying Application entitled "Pilot 2 Application Backhaul Alaska Pilot Program".

Whereas, Participant understands that the **Pilot does not pay for, or otherwise cover, staff time or other backhaul labor compensation**. Pilot communities must cover the required employee and laborer time.

Whereas, Participant understands that a formal Program Agreement is forthcoming and must be signed within four weeks of receipt. The formal Program Agreement contains legal protections for the Participant and the Pilot administration entity, as well as insurance requirements.

Therefore, by signing this nonbinding Statement of Intent, Participant attests their desire and full intent to participate in the Pilot, barring any "dealbreakers" in the formal Program Agreement.

On behalf of Participant

Authorized Signature

Name

Title

Date



CITY OF BETHEL
P.O. Box 388
Bethel, Alaska 99559
Ph. (907) 543-4150
Fax (907) 543-3817

MEMORANDUM

DATE: January 14- Feb.-5
TO: City Council
FROM: Peter Williams, City Manager
RE: Managers' Report

Courthouse – Another break in the waterline at the courthouse. I'm working on a budget modification for project regarding the water service in the courthouse. May not resolve all the problems. It appears the last break was from a faulty heater, there is some evidence that the building shifted in the area of the break.

Endowment Fund – Started reserch regarding the auditors finding and requested a legal opinion regarding BMC 4.18.

Finance Dept.- On January 8th,2019 adminerstration requested funding to complete the FY18 Audit and funding to provide for accounting sevices. The requested funding was turned down due too the funds being withdrawn from the central tresuray. Adminerstration was requested to withdraw the funds from the saleraries in the finance department. On January 22nd those changes were persented to council and again denied. One reason mentioned was that to many budget modifications were being requested. In FY09 there were 11 budget modofications; FY 2008-09 their were seven budget modifications totaling 43 pages; FY 10 =1 (The audit states that they was a excess of expenditures over appropriations and deficats in sevral funds) ; FY11=1(The audit reported that sevral departments went over budget that pertained the genral fund) ; FY12-1(audit shows 5 departments were over budget). FY13-1 (Genral Fund expenduurtures exceed the budget) FY14-1 (the genral ledger becomes a finding) FY15-7; FY16-6; FY 18-11; FY-19-4.

The reason for budget modifications is that when the budget is created we do are best to estimate (BMC 4.04.050) what will be needed throughout the year. We do not build any contingcies into our budgets. Another issue has been we have not been allowed to use "other funds" as defined in the BMC 4.04.055. Traditionally capital projects have been part of the operating budget. This is not the correct way to account for capital projects. Alaska

State Stature Section 29.35.100 requires us to have a capital program. Funds from the balances of the fund in question are used for this program and budget. For some reason Bethel traditionally has ignored this stature.

Another reason mentioned was that something was going on in the finance department. I can't discuss personel issues but we have recently taken some steps that hopefully will help. We have had two applications, genral ledger and finance director ,since the last council meeting and are working to arrange interviews and background checks.

Without outside help from Carmen Jackson the updating genral ledger will start to fall behind and without Esplin and Associates the proper review of thos entries will be lacking.

PROJECTS

Institutional Corridor –We are up and running and waiting for the as-builds and O & M Manuel's. There is one final walk through yet to perform. We need to have this closed out by June 30th.

Jetty/Sewer Lagoon- Sewer trucks will arrive this spring. The first of five sewer trucks was built and the V&E formen went to inspect it before they start building the other trucks.

Long Range Transportation Plan 2020- Next meeting is in February. DOT conveyed verbally that preliminary design work for Resurfacing, Restoration, and Rehabilitation (R3) is underway.

The Avenues- Contacted four different banks asking for proposals for the interim financing for this project. USDA is closed due to the U.S. gov't. shutdown.

BethelHeightsWaterandSewerSystem- Waiting for the Preliminary Engineer Report to be completed.

Tundra Ridge Road Realignment- Still pending, there might be some movement after the DOT determines of the old route is feasible or not. They have asked the AG if legal action can be taken before the DOT gives up on the old course.

PW Building Boilers- Contract signed.

Police Console- Pro-Com still needs to forward to us the Service Agreement for review and approval.

Geographic Information System (GIS) – They are working on outlining the buildings; then the addresses will be assigned to them.

Abestos Ababment- for the old police Annex and laundry mat is scheduled for late Febuary.

Peter Williams
Bethel City Manager

MEMORANDUM

DATE: 01.31.2019
TO: Peter Williams, City Manager
FROM: Bill Arnold, Public Works Director
SUBJECT: Manager's Report –

Programs/Divisions

Public Works Director:

Hauled Utilities:

Hauled Utility Dept. has been trying to keep up with all the water delivery services this whole month of December with only four trucks running route sheets all day until a vehicle is available from maintenance. Then there's another vehicle down on maintenance until further notice.

The Hauled Utility Dept. has been going through a lot of coffee with everyone from the other departments stopping by for coffee even the CWS crews in our Dept. and V&E. There are also other departments getting coffee cups from our department.

We really need tires stored away with departments in their own connex. Some of the tires for the garbage truck have been used and we don't know where the tires are on the trucks.

We will have the drivers get their new Drivers Licenses now until June 1, 2019. One driver is waiting on papers for his Driver's License and is helping out in the shop until he gets his Driver's License.

The extra call charge sheets are just about caught up since I had to drive with the shortage of drivers in which we had more than once. All the paper work starts piling up with all the incidents, inspections, extra calls, information for the billing department and anything that goes on outside of the office until they get done. I'll be starting up on the weekly reports that have to be calculated daily with all the routes that are turned in.

All the drivers have been doing a great job, working hard, even with the absence of co-workers. We still need more trucks on the road to keep up with the services provided daily.

We need more summer tires for the fleet as our inventory is getting low. We are making progress on the services provided with our new workers getting used to the services provided for the community both water and sewer.

Utility Maintenance:

- Lagoon discharge operations are shut-down until spring. Normal operation for winter is ongoing.
- Fire hydrant valves have arrived for inventory and used if needed.
- 18 alarms on residential lift stations were responded to. Multiple issues with motor contact switches, heat trace, and float systems. Several of these issues will require the attention of an electrician or repair in spring when access is opened up.
- Monthly meter reading and service connections were completed
- Main Lift Station pump work –Pump #1 still in Anchorage for major repair. Pump will be in Anchorage 12-16 weeks (minimum) for repairs before we receive it back. Lift Station is running on 2 pumps for now.
- Multiple service line freeze up calls on customers lines.
- Clean up and organization of shops.
- 22 residential lift station repairs
- Line flushing and leveling activities on low-flow and frozen sewer lines. Non-compliance reports were filled out per DEC requirements.
- ASHA lift station pump failure was required a replacement pump to keep up with wastewater flows. Spare was installed. Failed pump is to be sent in for service & rebuilt.
- Daily safety meeting.
- All 3 Utility Maint. trucks are having issues that require repairs. Several of these are major safety issues. Continue to work with V&E to repair them, but some issues are arising due to 2 of the vehicles are more than 10 years old.
- Utility Maint. crew is assisting BHWTP with repairs from sanitary survey as per DEC requirements. Awaiting Electricians to complete action item list for sanitary survey.
- Issues with FAA lift station freezing up. Heat trace is on and thawing line out slowly.

Property Maintenance:

- City Hall
 - One Glycol circulating pump failed. Switched to secondary pump. Parts ordered to bring the primary pump back on-line.
 - **Parts received and installed both pumps in operation. All systems NORMAL.**
 - Minor heating issues remain due to a possible air lock in the trunk line near the HR admin office. Having secondary glycol circulating pump back on-line should eliminate this issue.
 - **Still an issue, plan to troubleshoot in warmer temperatures. This way we can bleed the glycol line as necessary without building heat interruption.**
- Court House
 - **Dry Sprinkler System:**
 - **Current Status:** Dry system is back in NORMAL operation minus ONE isolated sprinkler head. (located on the outside of the building to the left of the front main entrance)
 - **Summary of Issue #1:** Dry system line break, due to freezing temperatures. System charged itself due to loss of all static air pressure from a break in the line

- **Cause of Issue #1:** A build-up of condensation that collected in a low point on the line located outside of the building froze (during an extreme cold weather spell) causing the line to break at the joint near the front left sprinkler head.
 - **Solution Issue #1:** Break was isolated and the system was placed back into NORMAL operation minus the ONE isolated sprinkler head. Spring 2019, replace the line to the isolated sprinkler head by contractor Frontier Fire along with upgrade to routing of the pipe itself in the ceiling. This will allow the pipe to remain heated and drain any condensation to the appropriate low point for schedule service draining. This is on our (COB – Maint.) and Frontier Fire Protections To-Do list.
- **Summary of Issue #2:** The dry system was, once again, charged with water when static air pressure was lost in the entire dry system.
 - **Cause of Issue #2:** Pressure loss was caused by a small pinhole leak in a pipe located in the crawl space above courtroom #2. This pinhole leak allowed the air system to slowly and continually bleed down, thus, causing the air compressor to run an abnormal amount (to keep the pressure up). This increase in air compressor run time resulted in the failure of the compressor pump AC motor. Once the motor failed, the air compressor system could not recharge the dry system to the adequate static air pressure.
 - **Solution Issue #2:** System was isolated completely and leak detection action initiated. A small amount of peppermint extract (essential oil) was added to the air supply line of the dry system while water was isolated. Employees were directed to spread out around the building and smell for the essential oil. The leak was found in the crawl space above Court Room #2. Temporary pipe patching and clamping was installed to stop the pinhole air leak. A new Air compressor was ordered from Frontier Fire Protection and installed. Continued leak detection and pressure observation twice daily. NO pressure drops indicated, system maintains static pressure. Quotation for replacing the section of pipe (with the pinhole leak) as well as full dry system piping inspection has been requested by COB to Frontier Fire Protection. The dry system is getting old and I would anticipate there are other areas within the pipe that could have pipe wall failure indications. This is on my capital projects list and I expect to submit for funding in the upcoming budget session or request modification of funds from City Council. In the meantime, the system is maintaining correct static pressures as normal.
- **Wet Sprinkler System:**
 - **Current Status:** Wet system is in NORMAL operation. NO FAULTS.
 - **Summary of Issue:** N/A
- **Holding Cell Area Door:**

- **Current Status:** Door will not close without special attention and effort.
- **Summary of Issue:** Location of hinge mount on door shows metal fatigue and has degraded to the point where it cannot hold the weight of the door. Thus causing the door to droop from the top hinge slightly. Door Jam has been confirmed to be SQUARE/TRUE and shows no signs of being the issue.
 - **Solution of Issue:** 1/2/2019 NEW replacement door was ordered from AHS - Architectural Hardware Supply. Lead times are 3 weeks after release to fabrication dependent on factory load. 2 weeks shipping from factory to Seattle loading docks. Undefined lead time from Seattle to Anchorage, Anchorage to Bethel.
 - Order discrepancy on vision light and cut out to ordered door was discovered 1/18/2019 and brought to AHS attention. Change order was submitted 1/22/2019. Same lead times as above apply.
 - In the meantime, temporary repairs were made to the existing door to eliminate safety issue. Repairs should hold until new door arrives, so long as additional strain is not placed on door.
- **Bathroom water line near Court Room #4:**
 - **Current Status:** Water leak resolved. Water use to location has been restored. Water extraction complete. All spaces available for use.
 - **Summary of Issue:** A water hammer preventive sweat fitting failed (1/2 inch line) due to freezing temperatures in a wall space closest to an exterior wall. Heat in space was not adequate in the extreme cold temperature. A leak was discovered during the weekend rounding of the building at approximately 0800 hours Saturday.
 - **Solution to Issue:** Water line was immediately isolated and water reclamation process began immediately. It was an ALL-HANDS event. All standing water had been extracted by 1500 of the same day with continued vacuum extraction of damp locations until 2100 the same night. Additionally, a total of 15 Air movers were strategically placed throughout the building to assist in the drying of any damp spaces. Water extraction continued the following day, for the entire day, relocating air movers throughout the spaces. A dedicated glycol heat loop and fin was installed into the wall space to provide adequate heat. No zone valves were installed to allow continuous flow of hot fluid through the fin section and allow for constant heating. Copper pipe from water line was repaired and water use to the spaces has been restored.
 - We currently conduct DAILY inspections of the spaces and are STILL utilizing 6 air movers to ensure spaces are remaining ventilated and minimize any residual damages to the spaces and carpet. At this time there are no limitation of use to the spaces effected by the water leak. All evidence of water (walls, floors, furniture etc.) is non-existent.
 - Regardless, I am in direct and close communication with Patrick from Advanced Look in Anchorage to conduct a water damage inspection. We spoke over the phone today (1/25/2019) and he has assured me that I am on his priority list for services proposal.

- **Cracks in Dry Wall near holding cell entry door:**
 - **Current Status:** Cracks have been noted near and around the holding Cell entry door (Same door that is not properly operating)
 - **Summary of Issue:** Initially, it was thought that the cracks were developed due to shifting of the building. This has since been ruled out. No other evidence in adjacent spaces, door closure or floor contour show sign of building shift. Reason for cracks are undetermined at this time, but are repairable.
 - **Solution to Issue:** COB building maintenance staff made an evaluation of the damage and have begun making repairs to the dry wall and repainting.

- **Dirty sprinkler heads and escutcheon plates:**
 - **Current Status:** Dusty, dirty in various locations
 - **Summary of Issue:** We have made note of this discrepancy and truthfully it simply is a task that fails to get done. I am not confident that this duty is assigned to a Janitor. I would rather have my staff deal with the issue than an untrained janitorial service.
 - **Solution to Issue:** I can assign the work to be completed this coming week. Plain and simple, I hold ourselves accountable for this issue. It needs to get done and we will see how it goes.

- Public Works Building
 - South Side
 - Ramp door temporarily fixed and operational. Service with Pioneer door, from Anchorage, is scheduled for mid-Feb.
 - Fire sprinkler system deep look, providing info to contractor.

- Dog Pound
 - NEW boiler/furnace installation is complete and operating normally. Rounds performed daily to ensure continued operation.
 - Bethel Friends of Canines beginning their transition to conduct more services out of the building. Building maintenance has been in close contact and assisting in the cleanup and minor repairs needed for BFOC.

- Log Cabin
 - Temporarily closed to resident use of the building due to a sewer line freeze and boiler reliability issues. Common renters of the space were made aware in a timely manner. Building needs to be raised and sewer lines set to correct slope for freeze ups to be eliminated. Boiler remains operational with daily rounds to ensure adequate warmth of the building. Water service has been isolated and lines drained to prevent freeze up.

- YKFC - Pool
 - Requests for assistance with the boiler are frequent. The department assists when

- able.
 - Boiler 2 primary circulation pump failure. Pump repaired and reinstalled. Electrical issue discovered as well and repaired. Drained down Boiler 2 completely and flushed heat exchanger. Services Boiler and placed back on-line
 - Boiler #1 over pressure relief pop off valve started showing signs of fatigue. Boiler #1 shut down and a full service and flush conducted. Parts ordered to replace pressure relief valve.
- Fire Department
 - Request for a handicap ramp to be built has been made by the fire chief. Potentially a job that will be placed out for bid locally. Suspect this project to be better suited for a warmer season.
- Police Department
 - Minor discrepancies, mainly related to building temperature being too warm. Make boiler adjustments and carry on.
- Billy's Water plant
 - Inline circulating fan that provides air to the piping room is currently out of operation. Parts on order.
- Sean's Water Plant
 - Boilers monitored daily, as they are the main source of heat for the City sub water utility lines.
 - Boiler pump line A has been showing signs of declining pressure. Glycol is occasionally added and pressure returns to normal for several days. Leak inspection throughout entire line has been conducted with no leaks found. Suspect air trapped in line as it is part of the new corridor.
- Teen Center
 - Boilers are monitored daily as they are a "Boost" of temperatures supporting the heat loop that runs through the City Sub water utility lines.

Parks and Recreation:

No tasks at this time. Department has been inundated with keeping buildings warm and from freezing up during the extremely cold temperatures.

Road Maintenance:

Streets and Roads placed the wing blade on the 160M grader due to the snow build-up on the sides of the roads from the snowstorms. This will plow out the full top of the roads for the vehicle traffic and for people to walk on.

Streets and Roads has been widening roads in-between snowstorms with the grader and the loader has been taking out the snow berms in the driveways left by the grader. By doing this, it gets us ready for the next snowstorm and when it starts to thaw, it will not melt on the roads.

Streets and Roads brought the D8 dozer in from H-Marker Lake to the city shop to get it ready for this spring to use in the city sand pit. It is now in the city shop, and being worked on, by the mechanics so we will have it ready this spring to push up

sand at the pit.

Streets and Roads has been plowing snowdrifts or scarifying almost every day in order to keep the roads open. Now that the school buses are now running, we have been coming in an hour or two earlier to get the roads open for them when it snows or the wind blows.

Vehicles and Equipment: January, was again, a very busy month for us. It has been a big help filling our other mechanic position. We are down 1 mechanic due to health issues. Hopefully we will get him back soon. Along with some of our bigger projects keeping us busy. We have also done 41 work-orders this month. Our new grader is down with some machining work that is currently being done in Anchorage. If all goes well, it should be back up and running by the end of next week. The excavator parts should be here 2/1 and be back in service early next week. As of this morning there are 3 water trucks down. Parts have been sitting in Anchorage due to no flights going in or out (weather hold).

Transit System:

Bethel Transit System FY 18 Ridership Information

The Bethel Transit System has operated from July 1, 2017 to June 30, 2018, for a total of 251 days. The system ran two routes: The Green Line, which operates Monday through Friday, from 6:30am - 10:30am and 11:30am - 6:15pm and the Red Line that operates Tuesday through Saturday, from 9:00 am - 12:00pm and 1:00pm - 3:00pm.

Last year 24,094 rides were provided service. Our ridership is unique for the following reasons:

1. Thirty to forty percent (7,000 to 9,500) of our ridership are seniors / elders, who pay the daily senior trip fare. They are going to and from the hospital, post office, grocery shopping, and a few to part-time jobs. These are people living on a fixed income, in low-income housing, and are living in or close to the poverty level. They do not have 2-3 cars in the parking lot, snow machines and or four-wheelers. They do not go to Anchorage unless it is for medical reasons and travel provided by YKHC.
2. Ten to fifteen percent (2,400- 3,500) of the ridership are handicapped. There are riders who use walkers, need help on and off the bus, canes, visually impaired, crippled from arthritis or other physical problems, and have mental disabilities. They are going to and from the hospital, post office, grocery shopping, or working with support agencies.

These are also people living on a fixed income, in low-income housing, and are living at close to the poverty level.

3. On a daily basis, there are five or six riders that are going to or from their job. These are people employed in lower income paying jobs or part-time jobs. They are not your CEOs, your salaried employees, or your administrative level people. Most are working at the minimum salary level and work only because they do not want to accept food stamps and/or welfare. It is called pride and being independent.
4. The remainder of the ridership is made up of the elders/seniors who are on some type of monthly or yearly passes, Bethel family members, students going to and from school, and occasionally riders from visiting communities.

Several taxi cab companies serve the community of Bethel. Their fares range from \$5.00 per trip in town, \$10-12.00 per trip for airport and subdivisions located away from town. The Bethel Transit System fares are Elders/Seniors \$1.00 per trip, Youth \$2.00 per trip, adult \$3.00 per trip, \$5.00 Day Passes. Monthly passes are \$25.00 for seniors, \$30 for youth, and \$60 for adults. Without the Transit System, it would become extremely difficult for the current ridership to meet their personal needs and not become more dependent on State and Federal aid.

Landfill / Recycle Center:

The landfill has been pretty much maintaining itself for all of January. The Landfill Manager has been out for most of the month with illness, even spending a week in the hospital. December and January are traditionally slow months and this year that was true to form. We lost one employee that moved down to V&E so there has been more OT than normal just to keep the gates open. There was some really cold weather that slowed things down even more. We did get the 953 track loader back up and running from V&E and that was a blessing.

Water Plant Operations:

For the month of January both water plants are in normal operation for winter mode. Monthly water logs to ADEC from BHWTP and CSWTP. Sewage Lagoon DMR report for December. We also hold a safety meeting at CSWTP daily.

Institutional Corridor Update:

- Line construction has been completed.
- DEC has issued a letter (11/20/18) with Interim Approval to Operate the line. This is valid until February 22, 2019. Request for final approval must be submitted prior to expiration.
- U.S. Fish & Wildlife was the first customer to apply for and receive services following the receipt of approval to operate.
- To date (1/31/18) only 5 applications for service have been received. U.S. Fish & Wildlife, Bethel Youth Facility, Correctional Facility and YKHC (hospital and housing units).
- Still waiting on other customers to complete work and apply for services soon.
- Services are expected to turn on at main hospital 1st week of February.
- Issues with circulation pumps and high demand pump alarms and tripping are being worked on by DOWL and TecPro.

Staffing Issues/Concerns/Training:



To: Pete Williams, City Manager
From: Betsy Jumper, Planner
Subject: Jan. Manager's Report
Date: Jan. 31, 2019

- Research City of Bethel properties-- citywide, on-going. Hope to eventually incorporate these properties in a layer on Geographic Information Systems (GIS) mapping.
- Answer public's questions on miscellaneous planning topics/items.
- Removal of junk/abandoned cars in conjunction with Streets and Roads on City rights of way—on-going.
- Had a Planning Commission meeting Jan. 10th.
- Archiving/inventories of files.
- Begin Tanqik Subdivision Development Agreement application process—going over for submission requirements needed.
- Finalizing the Community Assistance Visit (CAV) from 2015 with the National Flood Insurance Program and FEMA folks—awaiting a letter from LKSD in regards to the old Kilbuck school site in order to close this out.
- The first two commercial site plans of the new year were issued, one for the Chief Eddie Hoffman Highway resurfacing project and one for the Ridgecrest resurfacing project, slated to begin during the construction season.
- Begin research into easements for the Avenues.



CITY OF BETHEL
Fire Department

William F. Howell III, Fire Chief
P.O. Box 1388, Bethel, Alaska 99559
Phone: (907)-543-2131
Fax: (907)-543-2702
bhowell@cityofbethel.net

Celebrating 50 Years of Service

DATE: January 31, 2019
TO: Pete Williams, City Manager
FROM: Bill Howell, Fire Chief
SUBJECT: Management Report, January 2019

Current Events

- During January a total of 104 address plaques were ordered for residents and businesses. The department has ordered 567 address signs since inception of the program. For those needing assistance, the department has installed approximately 55 of these signs at the request of the property owners. Overall, reaction to the updated ordinance has been overwhelmingly positive.
- On January, 15 a site inspector/investigator from Medicaid successfully completed a provider site verification visit. The purpose of the visit was to verify Bethel does in fact have an ambulance service.
- On January, 31 Bethel Fire and Utilities maintenance completed inspection and testing of all institutional corridor hydrants.
- Initial budget preparation discussions have been held with administration for the FY 20 budget.
- I will be attending the Association of Alaska Fire Chiefs 2019 Leadership Summit February 5-9 in Juneau. This is the third consecutive year of attendance by Bethel. The Alaska Fire Chief's Association is celebrating its 50th year of serving Alaska. I am very excited to be a board member of this organization while we celebrate our 50th anniversary.

Community Planning/Preparedness

- There was no quorum at our January Public Safety and Transportation Commission meeting. The commission is seeking members for regular and alternate positions. Our next meeting is scheduled for February 6th, 2019 at the Bethel Council Chambers at 6:30 p.m. Quorum is not expected.

- The Department is updating the City of Bethel Emergency operations plan.
- The Department is assisting administration with the cleanup and disposal of a release of Muriatic Acid inside a storage container at the pool. The storage container was secured by BFD personnel with a Knox padlock until City personnel receive the proper training to neutralize and dispose of the materials.
- Bethel Fire Department has been selected as a test site for the new Medicaid supplemental reimbursement program (GEMT). Being part of this pilot will allow Bethel to shape the program to meet Bethel's needs. GEMT legislation (HB 176) was signed into law in June of this year. This law allows municipal ambulance services to receive reimbursement of 50% or more of the uncompensated cost (UCC) of providing ambulance service.

Bethel's ambulance service costs the City around \$1500 per transport. The City receives about \$400 from Medicaid per transport. The City would be able to receive reimbursement for at least half of the UCC, \$1100. Current estimates suggest as much as 150K-200K in revenue from this program. These funds must be used for EMS purposes. The Department is waiting for further information on steps needed to participate

Training

- On 01/01/19, there was no EMT Meeting held due to the New Year's Day holiday.
- On 01/10/19 at 7:00 p.m. a Fire Meeting was held at the fire station. Responders practiced deploying and loading various hose loads.
- On 01/15/19 at 7:00 p.m. an EMT Meeting was held at the fire station. Responders conducted several skill drills in various trauma and medical scenarios. Current EMT-1 students attended this training for preparation for upcoming State of Alaska exams.
- On 01/24/19 at 7:00 p.m. a Fire Meeting was held at the fire station and North Small Boat Harbor. Responders conducted ice/water rescue utilizing the department's Rescue Alive Ice Rescue Sled system.
- The EMT-1 course will conclude with State of Alaska written and practical examinations on February 1-2. Nine students have completed the course.

Responses

- Between 12/25/18 and 01/30/19 the Bethel Fire Department responded to 125 EMS and 23 Fire incidents.
- During this period, 50 EMS incidents (40.0%) were alcohol-related.

- On 12/25/18 at 4:50 p.m. medics responded to Sixth Avenue for the report of a person experiencing dizziness and a rapid heart rate. The patient was assessed and transported to the hospital.
- On 12/27/18 at 5:28 p.m. medics responded to the area of the U.S. Postal Office for the report of a vehicle accident. Three patients declined medical assistance, but one patient was assessed and transported to the hospital.
- On 12/30/18 at 3:48 p.m. Firefighters responded to Front Street for the report of a snow machine on fire. Firefighters observed a snow machine fully involved in the middle of the ice river. Firefighters were unable to drive the fire apparatus onto the ice. Firefighters monitored the snow machine until it was able to extinguish itself.
- On 01/04/19 at 1:00 p.m. medics responded to City Subdivision for the report of a person not breathing. Medics found the patient to be deceased upon arrival. The scene was turned over to Bethel Police Department Officers for an investigation.
- On 01/05/19 at 2:36 a.m. medics responded to Larson Subdivision for the report of a person who was stabbed. The patient was assessed and transported to the hospital.
- On 01/05/19 at 8:52 p.m. medics responded to Akakeek Street for the report of a person experiencing a heart attack. The patient was assessed and transported to the hospital.
- On 01/08/19 at 5:18 p.m. Firefighters responded to Akakeek Street for the report of an oven fire. Firefighters observed no smoke, and no flames. The cause of the fire was determined as a pot inside of the oven during the self-cleaning cycle.
- On 01/13/19 at 12:32 p.m. firefighters responded to the AVCP Apartments for the report of a propane leak. Upon investigating the incident, it was determined the leak was caused by someone turning their knobs on their stove on while intoxicated. The levels of propane in the apartment were at dangerous levels and were in the explosive range. The oven knobs were turned off and the residence was ventilated.
- On 01/14/19 at 6:35 p.m. medics responded to Akiak Street for the report of a person with a self-inflicted stab wound. The patient was assessed by medics and transported to the hospital by Bethel Police Department Officers.
- On 01/27/19 at 12:04 a.m. medics responded to Sixth Avenue for the report of a person who dislocated their shoulder. The patient was assessed and transported to the hospital.

Budget/Financial

- The department is operating within budget.

Grants

- The Department received funding through the Volunteer Fire Assistance program for \$7,470, for three sets of firefighting turnouts. This grant has a 10% match. The project total is \$8,300. This project is completed and we are closing out the grant.
- The Department applied for and passed the first round of approval the Phase 18 Code blue Grant for \$45,000 for the remount of Medic-5 to a new chassis. Funds have been awarded and will be reimbursed once expenditure is made.
- The Department was awarded \$7,500 in Code Blue grant funding for a new power stretcher for Medic-6. The YKHC EMS Department administers this grant and BVESA has committed matching funds. The stretcher is in service in the new ambulance. We are waiting for invoice to make final payment and close the grant.

Staffing/recruitment

- The Department is fully staffed effective November 1, 2018.
- All past due employee evaluations are complete.

Vehicles & Equipment

- The new ladder truck is receiving warranty repair for a problem with the nozzle-nesting feature and repairs to the Compressed Air Foam (CAFS) compressor. We are outfitting the new ladder truck with firefighting and rescue equipment.
- Our new stretcher was installed in M6 and is operational.
- The Code Blue committee has approved \$45,000 to remount our 2003 Ford ambulance M-5.
- The Department is working with admin to dispose of all surplus vehicles. Action Memorandum and Resolutions are forthcoming to surplus the obsolete equipment.

FIRE DEPARTMENT VEHICLE STATUS

Vehicle	Type	Year	Status
Medic 4	Ambulance	1999	<i>(Backup ambulance) In service, Airbags repaired.</i>
Medic 5	Ambulance	2003	In service. Frequent no starts/dead batteries. <i>(Plan to remount to new Dodge chassis in 2018/2019)</i>
Medic 6	Ambulance	2017	<i>(Frontline Ambulance) In service.</i>
Engine 4	Pumper	2013	<i>(Frontline pumper) In service, Seat belt sensor silenced but still needing repair by V&E. DEF tank heater malfunction.</i>
Engine 3	Pumper	1986	<i>Being outfitted as a tender and water supply unit. 3000 feet of LDH.</i> <i>(Poor overall condition needs replacement)</i>
Truck 1	Ladder Truck	2017	Outfitting, in service
Com 1	Pickup	2014	In service
Com 2	Pickup	2004	In service.
Tanker 1	Tanker (1500 gallon)	1980	Out of Service
Truck 1	Ladder Truck	1980	Out of Service



January, 2019 Monthly Report

Personnel:

BPD and DPS are in the process of writing a Memorandum of Agreement to facilitate the assignment of a BPD officer to the WAANT unit. The agreement language is now with DPS for their consideration and edits. Hopefully these will be the final edits.

Currently all Patrol Officer positions are filled but both the major crimes investigator and the WAANT Unit investigator positions are vacant. An officer has been chosen to fill the WAANT Unit position once the MOU is finalized. There is no one currently interested in filling the major crimes investigator position. Those investigations are currently being conducted by patrol officers with assistance from the Lieutenant for technical forensic matters.

The most recent dispatch hire has completed his training and is working alone to cover shifts. Dispatch is currently fully staffed with fully trained personnel. This is a first in well over a year. The evidence/records clerk position has been filled and the new hire is adjusting well to the position. All CSP and CSO positions remain fully staffed meaning all non-sworn positions in the Department are filled.

Operations:

There were approximately 1,325 calls for service the month of January, a slight rise of 25 cases from December and down approximately 150 from the same period in 2018. The number of calls requiring investigative reports was identical to last year at 75 but down from 96 investigations in December. The number of intoxicated pedestrian calls is down approximately 100 compared to January of last year but approximately 150 higher than in December. The number of domestic violence investigations

was 19 this month compared to 34 for the same period in 2018 and 23 in December. There were 24 DUI investigations resulting in 2 arrests compared to 11 investigations resulting in only 3 arrests for the same period last year and 15 reports resulting in 3 arrests in December. There were 2 unattended deaths this month compared to one in December and one the same period last year.

There was a search and rescue this past month that resulted in one of the death investigations. There remains a missing person case that has been open since December. That individual has not been seen by friends or family since early November. One of the domestic assaults was serious enough in nature that the victim had to be medevac'd to Anchorage with internal injuries. The victim was in a coma for several days but now is conscious and improving.

Chief Waldron traveled to Anchorage for the Executive Board of the High Intensity Drug Trafficking Area. Federal funding was stalled with the shutdown. However, the task forces remain on schedule to be fully funded and operational by March 1. The BPD WAANT investigator will be part of a task force resulting in training and overtime funds being available. Chief Waldron was also appointed to the Alaska Police Standards Council pending legislative confirmation.

Animal Control:

There were 44 animal control calls for service for the month with one reported dog bite. One of the calls resulted in 8 dogs being surrendered. The pound had 12 animals in the pound at one time. BFK9 was successful in getting all of the animals adopted out.



CITY OF BETHEL

Post Office Box 1388
Bethel, Alaska 99559
Phone: 907-543-2047

TO: City Manager
FROM: Human Resources
SUBJECT: December Managers Report

DATE: 31 January 2019

Position	Number of Vacancies	Number of New Applications	Number Hired During Period	Number of Vacancies Remaining	Applicants in Review
Finance Director	1	2	0	1	1
Driver Hauled	1	0	0	1	0
Gen Ledger Acct	1	1	0	1	1
Account Spec I	1	1	0	1	1
Driver-Landfill	1	2	0	1	1
Police Officer III	2	0	0	2	0
TOTALS	7	56	0	7	4

Applications and Hiring:

One candidate was reviewed for the position of Finance Director. Candidate was ultimately disqualified due to the discovery of resume falsification. Another qualified candidate applications has since been received.

HR received a total of 16 **Applications** in January.

From those 16 Applicants:

One Driver Hauled Utility was hired with a start date pending background check
One Utility Maint Worker was hired with a start date pending background check
One Water Plant Oper was hired with a start date pending background check
One Evidence Custodian was hired with a start date of 7 January 2019

One PW-Admin Asst was hired with a start date of 28 January 2019

We currently have 6 job positions with a total of 7 openings as follows:

Finance Director: Applicant pending interview by panel for week of 11-15 Feb 2019

Driver Hauled Utility: Currently announced

Driver-Landfill: Currently announced

General Ledger Accountant: Interview 4 February 2019

Account Spec I: Currently Announced

Police Officer III: Currently announced

Firefighter position remain as open-continuous regardless of percentage of fill.

BEACON Programs:

1st QTR Random BEACON test was conducted consisting of 6 employees.

1 Pre-employment test was conducted on 1 employee.

4 Post Accident Non-DOT test were conducted due to accidents involving city vehicles.

All Results were returned as "Negative."

Reports of Injury:

1 report of a minor laceration

1 report of ankle sprain

1 report of hyper-extended knee

1 report of chest pain**

This report of chest pain was attributed to be possible cardiac related, not incurred in the line of duty. A fitness for duty for return to work is being conducted by medical authority 31 Dec 2019, result pending

Administrative Actions:

Multiple PAR routine actions were executed during the month of January

Employee related announcements:

Medicare: Certain high-income retirees who are Medicare-eligible and enrolled in the AlaskaCare enhanced Employer Group Waiver Program (EGWP) pharmacy plan will have to pay an extra premium surcharge associated with Medicare Part D plans, known as an Income Related Monthly Adjustment Amount, or IRMAA. This is required by Medicare and is the same type of surcharge that high-income enrollees already pay for a Medicare Part B plan. If you are an individual earning more than \$85,000 per year or a married couple who earns more than \$170,000 per year, you will be required to pay an extra surcharge for being enrolled in the AlaskaCare EGWP because it is a group Medicare Part D plan. Retirees whose household income is below this threshold will not be subject to the IRMAA premium surcharge.

NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE DEPARTMENT OF ADMINISTRATION, DIVISION OF RETIREMENT AND BENEFITS

The Division of Retirement and Benefits proposes to adopt regulation changes in Title 2 of the Alaska Administrative Code, dealing with the disbursement options for the Public Employees' and Teachers' Defined Contribution Retirement Plans.

(1) 2 AAC 35.231 is proposed to be added to allow for a periodic distribution from an eligible participant's account monthly, quarterly, semi-annually, or annually in a stated amount; for a stated period of time; or in the amount of the IRS Required Minimum Distribution.

(2) (1) 2 AAC 36.194 is proposed to be added to allow for a periodic distribution from an eligible participant's account monthly, quarterly, semi-annually, or annually in a stated amount; for a stated period of time; or in the amount of the IRS Required Minimum Distribution.

Training, Conferences and Seminars:

Training for the workforce in Prevention of Sexual Harassment and Equal Employment Opportunity practices has been scheduled for 11-12 February for all workforce employees. Training will be conducted by the Deputy Director, AEPI on-site in Bethel.

James P. Harris

Memorandum

Date: January 28, 2018

To: Pete Williams, City Manager

From: Bo Foley, IT Director

Subject: IT Director's Report



January 2019 Current Events

- **Return from Vacation:**

I returned to the office on 1/9/19 and have been trying to catch up on any items that have piled up during my absence.

- **Caselle Update:**

During my vacation, Artic IT assisted the city in upgrading Caselle from version 2018.8.132 to version 2018.11.202. This upgrade had no issues. However, another emergency update was released to fix bugs with the previous release and when I tried to perform this update after my return, I ran into complications with errors and other roadblocks. Working with Caselle, I was eventually able to fix all the errors and any other problems caused and finally get the city updated to version 2018.11.204 across the board.

- **AutoCAD Civil 2019:**

The planning department uses special software in order to view maps of Bethel and other property line documentation. Among these pieces of software is a program called CAD Civil 3D. Unfortunately its license had expired and the program would no longer function for the current planning director. We found out from Autodesk (the software manufacturer) that they no longer do perpetual licensing and have converted to yearly subscriptions only. I worked with the department and assisted in purchasing a new license and version of the software (2019) so that the planning department could continue its work. The planning department will need to renew this license annually for as long as it wishes to utilize CAD Civil 3D.

- **Janitorial Services ITB:**

Upon my return, I resumed my temporary responsibilities as purchasing agent and have gotten myself caught up on any RFPs/RFBs the City had posted during my vacation. Currently, there is only a single ITB out for janitorial services at the courthouse. I answered all questions that were pending and the city has also set up a walkthrough for any interested bidders to get a feel for the scope of work. Due to the questions posed and the upcoming walkthrough, the ITB deadline was pushed back into February.

- **Business-As-Usual:**

Beyond the above-mentioned items, the short month has been spent fixing or helping with run-of-the-mill trouble tickets such as email issues, printing/scanning, Caselle access, and login problems to name a few.

Memorandum

Date: January 28, 2018

To: Pete Williams, City Manager

From: Bo Foley, IT Director

Subject: IT Director's Report



Future Plans

- **FY20 Budget Prep:**

FY20 is shaping up to be a fairly big fiscal year as far as IT dept. purchasing is concerned. I estimate about 5-6 large improvement projects I would like to accomplish and have started down the path of getting numbers for hardware/software from Arctic IT who will be assisting with most if not all of these projects. Among these projects is hardware rotation for user desktop systems, updating our Office and Adobe software to current versions, installing new firewalls, possibly introducing a remote-access server, and investigating the possibility of new copy machines for various departments if we can find an applicable service agreement for them.

City of Bethel

2020 State Capital Requests

#1 Avenues Water & Sewer Improvements

\$8,250,000

- Construct water and sewer pipe for 112 residents; stop hauled services.
- City to provide \$5,377,000 in form of USDA-RD grant/loan.
- Residents to save \$110/month – City to save \$1.2 million/year.



#2 Bethel Heights Water Loop A

\$9,024,803

- Install HDPE water pipe and remove steel pipe.
- Fresh, clean drinking water for residents; no more brown water.
- New City-maintained pipes will last 50 years.



#3 Dust Control Measures

\$2,000,000

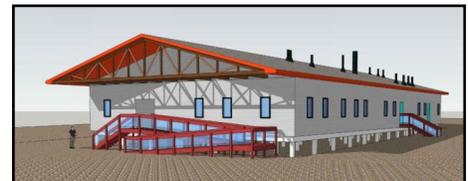
- Gravel, calcium chloride, hydroseed, water spray truck.
- Less respiratory ailments, increased visibility.
- City provides match in personnel, heavy equipment.



#4 Replace City Hall Roof

\$1,468,842

- Replace flat, leaky roof with new sloped roof.
- Life of building extended by 30 years.
- City Hall serves community in central location.



City of Bethel

300 State Highway

P.O. Box 1388

Bethel , Alaska 99559

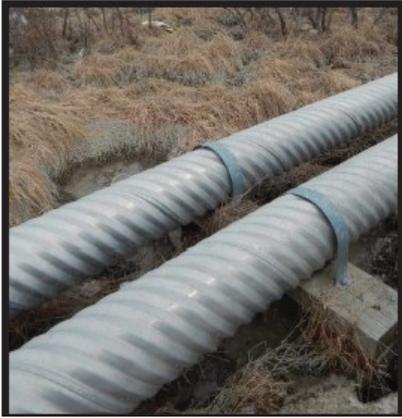
Peter Williams, City Manager

Phone: 907-543-1373

Fax: 907-543-1394

Email: pwilliams@cityofbethel.net





City of Bethel

State: \$8,250,00

City: \$5,377,000

Water and Sewer Pipes in Avenues Neighborhood & Purchase 6 Water Trucks

Resident Benefits

- Piped facilities means unlimited water and sewer services available.
- Reduced cost to residents for piped water and sewer services.
- Possible reduction in home fire insurance cost.
- Potential property value increase.

Project Readiness

- Completed Preliminary Engineering Report (August 2018) and Environmental Assessment (June 2018).
- DOWL engineer firm on contract with City of Bethel to secure easements and completed design.

Project Description

- Design and construct water and sewer pipes and related infrastructure for 112 homes in The Avenues Subdivision in Bethel, Alaska.

City Benefits

- Save \$1.2 million a year in water and sewer service costs.
- Less wear and tear on City's water and sewer trucks.
- Less road damage from heavy water and sewer trucks.
- Reduced insurance claims from hauled delivery incidents.

Match

- City will provide \$5,377,000 in a USDA-RD grant/loan match for the project if the State provides \$8,250,000 to the City.



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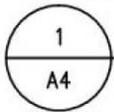
Fax: 907-543-1394

Email: pwilliams@cityofbethel.net



City of Bethel

\$1,468,842 Needed for City Hall Roof Replacement



SLOPED ROOF CONCEPT PERSPECTIVE

1/4" = 1'-0"

Need

Roof Condition Report:

Heavy water damage to ceiling and exterior wall; joints, seams, and terminations are failing; water-saturated insulation; broken thermal seal; water damage between window panes.

Project Description

Install sloped roof on City Hall.

Resident Benefits

The new roof would ensure proper drainage, tubular skylights, and overhang protection for entrances and exits. New roof would last thirty years.

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City of Bethel

\$2,000,000 Needed for Dust Control Measures



Project Description

Purchase gravel, calcium chloride, hydroseed, and a new water spray truck.

Resident Benefits

- Less airborne dust along streets for pedestrians, bicyclists, four-wheeler riders.
- Reduced incidences of dust-induced respiratory ailments.
- Increased visibility.
- Greater success in employee recruitment and retention.
- Healthier community.



City Match

- City will use its personnel and heavy equipment to apply calcium chloride, water, and gravel to harden the roads in Bethel.
- City will apply hydroseed to the road shoulders to reduce airborne dust.
- City will transport the equipment and calcium chloride from the City Dock to the City Shop.

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City of Bethel

Needs \$9,024,803

to Replace Steel Pipes with HDPE Pipes

Water Loop A in Bethel Heights Subdivision



Need

The interior of the arctic galvanized steel water pipe installed in Bethel Heights is disintegrating, air valves are blocked, and pitorifaces are causing leaks. Galvanized pipe is only expected to last 40-50 years and pipe under constant pressure decays faster. Larsen Consulting Group, Inc. engineers said the aged pipe infrastructure gets worse every year and must be replaced.

Project Description

Water Loop A Project requires the removal of 20,700 feet of above-ground galvanized steel piping and insulation that runs from the City's Bethel Heights Water Treatment Plant to 127 buildings in the Bethel Heights Subdivision. Once removed, new pilings will be driven in between the existing pilings to support the softer, more flexible HDPE above-ground arctic pipe.

Readiness

- Preliminary Engineering Report (PER) and Environmental Report (ER) are being updated by DOWL Engineering. Expected completion: April 2019.

Resident Benefits

- Fresh, clean drinking water for residents; no more brown tinted water.
- Unlimited clean water for one monthly price.
- Residents save on cost of filters and tarnished clothing.
- City replaces aged infrastructure that will last 50+ years.
- Water flows through pipes quicker, easier.

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