

**Regular Meeting**  
**Tuesday, April 27, 2021**  
**6:00 p.m.**



**Unalaska City Hall**  
**Council Chambers**  
**43 Raven Way**

**Council Members**  
Thomas D. Bell  
Darin Nicholson  
David M. Gregory

**Council Members**  
Dennis M. Robinson  
Alejandro R. Tungul  
Shari Coleman

## **UNALASKA CITY COUNCIL**

P. O. Box 610 • Unalaska, Alaska 99685  
Tel (907) 581-1251 • Fax (907) 581-1417 • [www.ci.unalaska.ak.us](http://www.ci.unalaska.ak.us)

Vincent M. Tutiakoff Sr., Mayor  
Erin Reinders, City Manager  
Roxanna Winters, Acting City Clerk [rwinters@ci.unalaska.ak.us](mailto:rwinters@ci.unalaska.ak.us)

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### **COUNCIL MEETING ATTENDANCE**

The community is encouraged to attend meetings of the City Council:

- Attend in person (socially-distanced seating available; coverings over the nose and mouth are required to be worn upon entering City Hall until seated, and again when exiting)
- Participate online via ZOOM (link, meeting ID & password below)
- Participate by telephone (toll and toll free numbers, meeting ID & password below)
- Listen on KUCB TV Channel 8 or Radio Station 89.7

### **PUBLIC COMMENT**

The Mayor and City Council value and encourage community input at meetings of the City Council. There is a time limit of 3 minutes per person, per topic. Options for public comment:

- In person at the meeting
- By telephone or ZOOM - notify the City Clerk if you'd like to provide comment using ZOOM features (chat message or raise your hand); or \*9 by telephone; or during regular business hours in advance of the meeting
- Written comment is accepted up to one hour before the meeting begins by email, regular mail, fax or hand delivery to the City Clerk, which will be read during the meeting; include your name

**ZOOM MEETING LINK:** <https://us02web.zoom.us/j/85203975430>

**Meeting ID:** 852 0397 5430 / **Passcode:** 977526

**TELEPHONE: Meeting ID:** 852 0397 5430 / **Passcode:** 977526

Toll Free numbers: (833) 548-0276; or (833) 548-0282; or (877) 853-5247; or (888) 788-0099

Non Toll Free numbers: (253) 215-8782; or (346) 248-7799; or (669) 900-9128

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## **AGENDA**

1. **Call to order**
2. **Roll call**
3. **Pledge of allegiance**
4. **Adoption of agenda**
5. **Presentation of Community "Extra Mile" Award:**
  - a. [Wilma Adams](#)
  - b. [John Conwell](#)
6. **Approve minutes of previous meeting:** [April 12, April 13, and April 20, 2021](#)
7. **Reports**
  - a. [City Manager](#)

- b. [Financials March 2021](#)
- 8. **Community Input & Announcements** *Members of the public may provide information to council and make announcements of interest to the community.*
- 9. **Public comment on agenda items** *Time for members of the public to provide information to Council regarding items on the agenda. Members of the public may also speak when the issue comes up on the regular agenda by notifying the City Clerk.*
- 10. **Public hearing** *Members of the public may testify about any item set for public hearing.*
  - a. [Ordinance 2021-06: \(Second Reading\) Amending Title 11 of the Unalaska Code of Ordinances to Establish an Enhanced 911 System and Establish Enhanced 911 Customer Surcharges](#)
  - b. [Ordinance 2021-08: \(Second Reading\): Creating Budget Amendment #6 to the Fiscal Year 2021 Budget, recognizing State DHSS Grant Revenue of \\$210,171.93 and increasing expenditures by \\$210,171.93 in the Coronavirus Relief Special Revenue Fund to improve access to COVID-19 vaccine and decrease health inequities](#)
- 11. **Regular agenda** *Persons wishing to speak on regular agenda items must notify the City Clerk*
  - a. Unfinished Business
    - i. [Ordinance 2021-06: \(Second Reading\) Amending Title 11 of the Unalaska Code of Ordinances to Establish an Enhanced 911 System and Establish Enhanced 911 Customer Surcharges](#)
    - ii. [Ordinance 2021-08: \(Second Reading\): Creating Budget Amendment #6 to the Fiscal Year 2021 Budget, recognizing State DHSS Grant Revenue of \\$210,171.93 and increasing expenditures by \\$210,171.93 in the Coronavirus Relief Special Revenue Fund to improve access to COVID-19 vaccine and decrease health inequities](#)
  - b. New Business
    - i. [Resolution 2021- 20: A Resolution of the Unalaska City Council Continuing Measures to Protect Public Health](#)
    - ii. [Resolution 2021- 21: A Resolution of the Unalaska City Council approving scholarships to be awarded to Graduating Seniors at Unalaska High School](#)
    - iii. [Resolution 2021- 22: A Resolution of the Unalaska City Council establishing the sum to be made available from the City of Unalaska to the Unalaska City School District for Fiscal Year 2022](#)
    - iv. [Ordinance 2021- 09: 1<sup>st</sup> Reading: Creating Budget Amendment #7 to the Fiscal Year 2021 Budget, appropriating an additional \\$300,000 from the Water Proprietary Fund for the Pyramid WTP Chlorine Upgrades Project](#)
- 12. **Council Directives to City Manager**
- 13. **Community Input & Announcements** *Members of the public may provide information to council; and make announcements of interest to the community.*
- 14. **Executive Session**
  - a. Discuss negotiations with Public Safety Employee Association (PSEA) and review proposed agreement
- 15. **Adjournment**



The City of Unalaska Recognizes  
**Wilma Adams**  
Of the Unalaska City School District for going the  
“Extra Mile”

Mrs. Adams has been a teacher in Unalaska for 39 years. Mrs. Adams, who will retire at the end of this school year, has taught 3rd grade from 1982-1990 (8 years) and Kindergarten from 1990-2021 (31 years). Over her teaching career in Unalaska, she has taught approximately 1088 students.

Mrs. Adams is a natural leader who loves her job. She radiates passion and joy and is often smiling, laughing, and having fun alongside her students. She has the amazing ability to look after all the children and supporting staff. She will listen to others and problem solve if there are challenges that people are trying to overcome. Mrs. Adams works hard and never expects recognition. She advocates for students and staff. She has an incredibly challenging job and has an incredible ability to teach five-year-olds how to read, and she makes it look easy. Mrs. Adams has also taught the children of previous students that she had in kindergarten, including her grandchildren.

Mrs. Adams is the prime example of an extra miler, not only for her teaching skills but by teaching her students to swim. Swimming is a life-saving skill that Mrs. Adams was committed to teaching all students in grades K-4. Mrs. Adams has had students in kindergarten who have grown up to accomplish amazing things. She holds all students to high behavioral and academic expectations and ensures that they reach their highest potential. However, there is much more that Mrs. Adams does to contribute to her community and change the lives of students and adults. Others look to her as a role model. She leads by example through her positive attitude.



The City of Unalaska Recognizes  
**John Conwell**  
Of the Unalaska City School District for going the  
“Extra Mile”

John Conwell has been with Unalaska City School District for 24 years. Mr. Conwell, who will retire at the end of this school year, has been part of the staff at the Unalaska City School District since 1997. He first served as the Assistant Principal from 1997-2001 (4 years), the 5th-12th grade Principal from 2001-2007 (6 years), and the Superintendent from 2007-2021 (14 years).

During Mr. Conwell’s fourteen years as superintendent, UCSD has added to its growing list of accolades. The U.S. News and World Report Magazine 2010 Bronze Medal for America’s Best High Schools. The prestigious 2011 National Blue Ribbon School Award. In December 2012, Eagle’s View Elementary was nominated for the 2012 National Blue Ribbon School Award. Eagle’s View Elementary was a 2013 Blue Ribbon Finalist.

John Conwell received recognition from his peers and was Named the 2018 Alaska Superintendent of the Year by The Alaska Superintendents Association (ASA). The Superintendent of the Year program, now in its 31st year, pays tribute to a school system’s top leader who exemplifies effectiveness, knowledge, leadership, ethics, and commitment.

John is a dedicated professional committed to the district and his colleagues, but most importantly, he truly cares about the education, success, and well-being of each child in Unalaska. Superintendent Conwell’s sphere of influence does not, however, stop within Unalaska, nor does his advocacy on behalf of the school district end within the community. Mr. Conwell is no stranger to the halls of the State Capitol building in Juneau, regularly educating the Legislature on behalf of the interests of students and teachers across the state. Mr. Conwell is considered a mentor to many and his constant encouragement has sustained many educators along their path.

**Special Meeting**  
**Monday, April 12, 2021**  
**6:00 p.m.**



**Unalaska City Hall**  
**Council Chambers**  
**43 Raven Way**

**Council Members**  
Thomas D. Bell  
Darin Nicholson  
David M. Gregory

**Council Members**  
Dennis M. Robinson  
Alejandro R. Tungul  
Shari Coleman

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## **MINUTES**

### **1. Call to order**

Mayor Tutiakoff called the special meeting of the Unalaska City Council to order on Monday, April 12, 2021 at 6:00 pm.

### **2. Roll call**

<u>Present in chambers:</u>	<u>Present Via Telephone or Zoom:</u>	<u>Absent/Excused:</u>
Vincent Tutiakoff, Sr., Mayor	Dennis Robinson	None
Thomas D. Bell	Darin Nicholson	
David Gregory	Shari Coleman	
Alejandro Tungul		

### **3. Pledge of allegiance** – Council member Tungul led the Pledge of Allegiance

### **4. Adoption of agenda**

Gregory made a motion to adopt agenda; Bell seconded.

Tungul made a motion to amend the agenda to remove item 9a *Resolution 2021-17: A Resolution of the Unalaska City Council authorizing the City Manager to sign a Collective Bargaining Agreement between the City of Unalaska and the Public Safety Employees Association for represented employees*; Gregory seconded.

Roll Call Vote on motion to amend: Gregory – yes; Coleman – yes; Tungul – yes; Nicholson – yes; Robinson – yes; Bell – yes  
Motion passed 6-0.

Roll Call Vote on the Agenda as amended: Bell – yes; Robinson – yes; Nicholson – yes; Tungul – yes; Coleman – yes; Gregory – yes  
Motion passed 6-0.

### **5. Community Input & Announcements** – none

### **6. Public comment on agenda items** – none

### **7. Work session**

Tungul made a motion to enter into Work Session; Gregory seconded. Adopted by consensus.

- a. Presentation of Unalaska City School District Budget – John Conwell, Superintendent and Danielle Whittern, Business Manager. Superintendent Conwell provided information and answered Council questions. Council discussion.
- b. Presentation of City of Unalaska Departmental Operating Budgets – Ed Keough, Finance Director provided information and answered Council questions. Council discussion. DPU Deputy Director Steve Tompkins and DPW Director Tom Cohenour answered Council questions.
- c. Capital and Major Maintenance Plan (CMMP) – Follow up discussion from previous meetings. BI Homka provided information and answered Council questions. City Engineer Bob Cummings answered Council questions. Council discussion.

Gregory made a motion to reconvene to Regular Session; Tungul seconded. Adopted by consensus.

8:05 pm – Break

8:15 pm – Back on record

Gregory made a motion to enter into Executive Session to discuss personnel and financial matters related to the PSEA contract negotiations which if discussed in public, might negatively impact the interests of the City; Tungul seconded.

Roll Call Vote: Coleman – yes; Gregory – yes; Robinson – yes; Tungul – yes; Bell – yes  
Motion passed 5-0

**8. Executive Session**

- a. Discuss negotiations with Public Safety Employee Association (PSEA) and review proposed agreement

**9. Council Directives to City Manager – none**

**10. Community Input & Announcements – none**

**11. Adjournment**

Mayor Tutiakoff adjourned the meeting following the executive session.

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Roxanna Winters, CMC  
Acting City Clerk

EPM

**Regular Meeting**  
**Tuesday, April 13, 2021**  
**6:00 p.m.**



**Unalaska City Hall**  
**Council Chambers**  
**43 Raven Way**

**Council Members**

Thomas D. Bell  
Darin Nicholson  
David M. Gregory

**Council Members**

Dennis M. Robinson  
Alejandro R. Tungul  
Shari Coleman

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**MINUTES**

**1. Call to order**

Mayor Tutiakoff called the regular meeting of the Unalaska Council to order on Tuesday, April 13, 2021 at 6:04 pm.

**2. Roll call**

<u>Present in chambers:</u>	<u>Present Via Telephone or Zoom:</u>	<u>Absent:</u>
Vincent Tutiakoff, Sr., Mayor	Shari Coleman	None
David Gregory	Darin Nicholson	
Thomas D. Bell	Dennis Robinson	
Alejandro Tungul		

**3. Pledge of allegiance** – Council Member Bell led the Pledge of Allegiance.

**4. Adoption of agenda**

Bell made a motion to adopt Agenda; Tungul seconded  
Roll Call Vote: Gregory – yes; Coleman – yes; Tungul – yes; Nicholson – yes; Robinson – yes; Bell – yes  
Motion passed 6-0

**5. Approve minutes of previous meeting:** March 23 and March 30, 2021

Tungul made a motion to approve the minutes of March 23 and March 30, 2021; Bell seconded  
Roll Call Vote: Tungul – yes; Gregory – yes; Robinson – yes; Bell – yes; Nicholson – yes; Coleman – yes  
Motion passed 6-0

**6. Reports**

- a. City Manager – included in the packet

**7. Community Input & Announcements**

- Frank Kelty shared the compliments from Nicole Kimball of North Pacific Fisheries Management Council for the Iliuliuk Family and Health Services, Unalaska Fire, EMS, PCR for their outstanding efforts in the vaccination program. He also mentioned that At-Sea Processors Executive Director, Stephanie Madsen also brought up how the At-Sea Processors appreciate the vaccination program for the community members and processors and mentioned the East Aleutian Tribes.
- Chief King announced that DMV will start road test next month.
- Department of Public Safety has acquired Autism Awareness version of their DPS patches which they sell for \$10, proceeds will go to APIA. April is Autism Awareness month.

- Daneen Looby informed the public about the courses of action that the Norwegian Rat Saloon took as a way to mitigate any kind of community spread from that Saturday night incident.

8. **Public comment on agenda items** – none

9. **Work session**

Tungul made a motion to enter into Work Session; Gregory seconded

Roll Call Vote: Tungul – yes; Gregory – yes; Robinson – yes; Bell – yes; Nicholson – yes; Coleman – yes

Motion passed 6-0

- a. Community Support Grant Overview – Cameron Dean, Acting Planning Director provided information and answered Council questions. Representatives from various non-profit organizations were present via Zoom to answer any questions from the Council. Council discussion.
- b. Wastewater and Solid Waste Utility Rate Increases – James Keen, Amber Miller and Michelle Barnett from Aldrich CPAs + Advisors LLP provided the presentation and answered Council questions. Council discussion.

10. **Regular agenda**

Tungul made a motion to reconvene to Regular Session; Gregory seconded

Roll Call Vote: Nicholson – yes; Gregory – yes; Coleman – yes; Tungul – yes; Bell – yes; Robinson – yes

Motion passed 6-0

- a. Resolution 2021-18: Continuing Measures to Protect Public Health

Bell made a motion to adopt Resolution 2021-18; Tungul seconded.

City Manager pointed out the recommended revisions to the resolution based from prior risk level changes in the past and answered Council questions.

Council discussion

Melanee Tiura, Iliuliuk Family & Health Services, Inc. Executive Director answered Council questions.

Coleman made a motion to amend Resolution 2021-18 to re-insert section 3 Public Indoor Gatherings Limitation; Bell seconded

Council discussion

Daneen Looby provided comment into record.

Roll Call Vote on the amendment: Coleman – yes; Gregory – no; Nicholson – no; Robinson – no; Tungul – no; Bell – no

Motion failed 1-5

Coleman requested to increase news release frequency back to thrice a week while under the high-risk level.

Roll Call Vote on main motion: Tungul – yes; Robinson – yes; Nicholson – yes; Gregory – yes; Bell – yes; Coleman – yes

Motion passed 6-0

- b. Resolution 2021-19: Army Corps of Engineers Memorandum of Agreement (MOA)

Tungul made a motion to adopt Resolution 2021-19; Gregory seconded.

City Manager provided an overview of the resolution.

Council discussion

Roll Call Vote: Coleman – yes; Bell – yes; Gregory – yes; Nicholson – yes; Robinson – yes; Tungul – yes

Motion passed 6-0



- c. Ordinance 2021-06: (1<sup>st</sup> Reading) Amending Title 11 of the Unalaska Code of Ordinances to Establish an Enhanced 911 System and Establish Enhanced 911 Customer Surcharges

Bell made a motion to move Ordinance 2021-06 to Public Hearing and 2<sup>nd</sup> Reading on April 27<sup>th</sup>, 2021; Tungul seconded

City Manager provided an overview of the resolution.

Council discussion

Chief King provided highlights and answered Council questions.

Roll Call Vote: Bell – yes; Coleman – yes; Nicholson – yes; Robinson – yes; Tungul – yes; Gregory – yes

Motion passed 6-0

- d. Ordinance 2021-08: (1<sup>st</sup> Reading): Creating Budget Amendment #6 to the Fiscal Year 2021 Budget, recognizing State DHSS Grant Revenue of \$210,171.93 and increasing expenditures by \$210,171.93 in the Coronavirus Relief Special Revenue Fund to improve access to COVID-19 vaccine and decrease health inequities

Tungul made a motion to move Ordinance 2021-08 to Public Hearing and 2<sup>nd</sup> Reading on April 27<sup>th</sup>, 2021; Bell seconded

City Manager provided an overview of the resolution and answered Council questions.

Finance Director Ed Keough answered Council questions.

Council discussion

Roll Call Vote: Gregory – yes; Bell – yes; Coleman – yes; Nicholson – yes; Robinson – yes; Tungul – yes

Motion passed 6-0

**11. Council Directives to City Manager – none**

**12. Community Input & Announcements**

- Unalaska Community Clean-Up will take place on May 1-14, 2021. Bags are available at PCR facilities.
- Missoula Children’s Theater will start on April 20-23, 2021. It will be shown on Channel 8 instead of the usual live performance.
- Mass vaccination for everyone on April 17, 2021 at the PCR.

**13. Adjournment**

Mayor Tutiakoff Sr., adjourned the meeting at 9:38 pm.

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Roxanna Winters, CMC  
Acting City Clerk

EPM

**Special Meeting**  
**Tuesday, April 20, 2021**  
**6:00 p.m.**



**Unalaska City Hall**  
**Council Chambers**  
**43 Raven Way**

**Council Members**  
Thomas D. Bell  
Darin Nicholson  
David M. Gregory

**Council Members**  
Dennis M. Robinson  
Alejandro R. Tungul  
Shari Coleman

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### **MINUTES**

#### **1. Call to order**

Mayor Tutiakoff, Sr. called the special meeting of the Unalaska City Council to order on Tuesday, April 20, 2021 at 6:00pm.

#### **2. Roll call**

Present in chambers:

Vincent Tutiakoff, Sr., Mayor  
Thomas D. Bell  
Shari Coleman  
Alejandro Tungul

Present Via Telephone or Zoom:

Darin Nicholson  
Dennis Robinson

Absent:

David Gregory

#### **3. Pledge of allegiance** – Council Member Coleman led the Pledge of Allegiance.

#### **4. Adoption of agenda**

Tungul made a motion to amend the agenda to add Public Comment on the agenda items before the Executive Session; Bell seconded

Roll Call Vote: Coleman – yes; Tungul – yes; Nicholson – yes; Robinson – yes; Bell – yes  
Motion passed 5-0

#### **5. Public Comment on Agenda Items**

Peter Gurney, Unalaska PSEA president and Department of Public Safety employee, provided comment regarding the PSEA contract into record.

#### **6. Executive Session**

Tungul made a motion to adjourn into Executive Session to discuss personnel and financial matters related to the PSEA contract negotiations which if discussed in public, might negatively impact the interests of the City; Coleman seconded.

Roll Call Vote: Tungul – yes; Bell – yes; Coleman – yes; Nicholson – yes; Robinson – yes  
Motion passed 5-0

- a. Discuss negotiations with Public Safety Employee Association (PSEA) and review proposed agreement

6:08 pm – Executive Session  
8:44 pm – Back to Regular Session

**7. Regular agenda**

Coleman made a motion to reconvene to Regular Session; Bell seconded

Roll Call Vote: Nicholson – yes; Coleman – yes; Tungul – yes; Bell – yes; Robinson – yes  
Motion passed 5-0

- a. Resolution 2021-17: A Resolution of the Unalaska City Council authorizing the City Manager to sign a Collective Bargaining Agreement between the City of Unalaska and the Public Safety Employees Association for represented employees

Coleman made a motion to lay Resolution 2021-17 on the table; Tungul seconded.

Roll Call Vote: Tungul – yes; Robinson – yes; Nicholson – yes; Bell – yes;  
Coleman – yes  
Motion passed 5-0

**8. Adjournment**

Mayor Tutiakoff, Sr., adjourned the meeting at 8:46 pm.

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Roxanna Winters, CMC  
Acting City Clerk

EPM

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## MEMORANDUM TO COUNCIL

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To: Mayor and City Council Members  
From: Erin Reinders, City Manager  
Date: April 27, 2021  
Re: City Manager Report

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**Upcoming Deadlines:** The following filing and application deadlines and events are coming up.

- April 29, 2021 Virtual Legislative Fly In (see below for details)
- April 30, 2021 Deadline to submit property tax appeals
- May 11, 2021 Board of Equalization hearing on property tax appeals
- August 12 & 13, 2021 City Council Strategic Planning Sessions (Thursday, August 12 planned for 9:00-3:30 & Friday, August 13 planned for 9:00-1:00)

**Virtual State Legislative Fly In:** This is set to occur on the morning of April 29, 2021, as Covid friendly alternative to the Spring Juneau Lobby Trip. Participants will include Mayor Tutiakoff; Council Members Robinson, Gregory and Bell; as well as Dianne Blummer and me. Dianne suggested that Council identify one point person to do most of the talking (for introductions and to facilitate the questions) to help with the flow of the meetings. The Mayor and I will meet with Dianne Blumer on Friday, April 23, 2021 to discuss more details and will share that information when it becomes available. I also hope begin discussions regarding the July visit with Rep. Edgmon and Senator Hoffman, and potentially others.

**Amaknak FUDS:** The next Amaknak FUDS Restoration Advisory Board (RAB) meeting is scheduled for May 6, 2021 from 6 – 8 pm. These meetings, hosted by the Army Corps of Engineers, are open to the public. Unalaska has several sites that are subject to the Department of Defense's Formerly Utilized Defense Sites environmental program due to contamination, which occurred during WWII activities. These contamination sites hold up construction projects and negatively impact subsistence living. Environmental remediation of these areas has long been on City Council's legislative priority list.

**Geothermal PPA:** Per Resolution 2021-14, I have signed Amendment 1 to the Power Purchase agreement with OCCP extending deadline for OCCP to obtain financing and the dates associated with interconnection and integration. OCCP is working through the permitting process with the Army Corps of Engineers for construction of their access road in Makushin Valley. In accordance with Resolution 2021-19, I have also signed the MOA for the project. The MOA will allow for the City to be engaged in defining how the Makushin Geothermal Project's adverse impacts might be mitigated. We are currently reviewing the EPS drafted Interim Intertie Study outlining necessary distribution network improvements. This will need to expand as more specifics of the Geothermal Plant are learned. We have meeting with OCCP planned for April 30, 2021. Among other updates, we hope to learn about the status and findings of the Heat Pump Study.

**Organizational Assessment/Efficiency Study:** I am in the early stages of scoping out what this sort of assessment might include. I am talking with several managers in the state to see what they have done, and have researched what other municipalities have done elsewhere. Scope would likely include: an examination of the organizational structure and functions; an assessment of the

functional assignments and staffing levels required to perform current duties; and a review of operational functions, organizational policies, and workflow process. What I see as being potential deliverables include: recommendations for streamlining processes and procedures; identification of current and future staffing requirements; recommendations for organizational structural improvements; recommendations of cost saving measures that allow similar or increased levels of service and improved overall efficiency. I welcome your feedback and will keep you posted. Moving through this process will require an open mind for all of us.

**Directives to the City Manager:** One outstanding directive currently exists:

- *Cost Benefit Analysis for Captains Bay Road Project (March 30, 2021). Initiated.* The directive reads, "Implement a cost-benefit analysis for the proposed road improvements and utility expansion for Captains Bay Road." The Public Works Director is working on a scope of work for this effort. As discussed at the meeting, we will be sure to work in potential funding opportunities. Given the magnitude of this Captains Bay Road project, this analysis will serve us well. However, also given the magnitude of the project, we are unsure of the cost of this sort of study and plan to issue an RFP at this point.

General Fund Operating Monthly Summary - Month Ending March 2021

	FY2021 Budget	March	FY2021 YTD	% OF BUD	FY2020 YTD	INC/(DEC) Last Year
<b>REVENUES</b>						
Raw Seafood Tax	4,211,165	549,279	3,448,050	82%	3,937,587	(489,537)
AK Fisheries Business	3,480,663	106,533	3,747,582	108%	3,775,900	(28,318)
AK Fisheries Resource Landing	5,000,000	291,888	4,386,842	88%	4,601,633	(214,792)
Property Taxes	7,100,000	8,141	7,118,137	100%	7,067,540	50,597
Sales Tax	5,333,333	(4,793)	4,476,324	84%	5,754,594	(1,278,269)
Investment Earnings	1,400,000	(34,886)	203,847	15%	3,393,677	(3,189,830)
Other Revenues	2,616,910	321,363	1,946,828	74%	2,370,041	(423,213)
Appropriated Fund Balance	1,557,871	0	0	0%	0	0
<b>Total General Fund Revenues</b>	<b>30,699,942</b>	<b>1,237,526</b>	<b>25,327,610</b>	<b>83%</b>	<b>30,900,972</b>	<b>(5,573,363)</b>
<b>EXPENDITURES</b>						
Mayor & Council	443,313	25,773	186,638	42%	498,426	(311,787)
City Administration						
City Manager's Office	533,319	28,118	260,709	49%	260,777	(67)
Administration	1,426,451	71,705	1,036,004	73%	911,455	124,549
<b>Total City Administration</b>	<b>1,959,769</b>	<b>99,823</b>	<b>1,296,713</b>	<b>66%</b>	<b>1,172,232</b>	<b>124,482</b>
City Clerk	574,043	35,744	342,799	60%	350,476	(7,676)
Finance						
Finance	1,151,121	77,267	792,331	69%	628,020	164,311
Information Systems	986,843	31,722	603,638	61%	747,420	(143,783)
<b>Total Finance</b>	<b>2,137,963</b>	<b>108,989</b>	<b>1,395,969</b>	<b>65%</b>	<b>1,375,440</b>	<b>20,529</b>
Planning	735,316	54,062	396,797	54%	416,334	(19,537)
Public Safety						
Police and Admin	3,933,446	233,784	2,009,510	51%	1,919,092	90,418
Police Communications	857,481	55,350	589,018	69%	607,419	(18,401)
Police Corrections	1,080,594	78,899	617,555	57%	641,876	(24,321)
<b>Total Public Safety</b>	<b>5,871,521</b>	<b>368,034</b>	<b>3,216,082</b>	<b>55%</b>	<b>3,168,386</b>	<b>47,696</b>
Fire & EMS						
Fire and Emergency Services	1,622,755	136,136	909,374	56%	1,153,122	(243,748)
<b>Total Fire &amp; EMS</b>	<b>1,622,755</b>	<b>136,136</b>	<b>909,374</b>	<b>56%</b>	<b>1,153,122</b>	<b>(243,748)</b>
Public Works						
DPW Admin & Engineering	860,292	49,500	461,118	54%	442,451	18,667
Streets and Roads	2,387,136	216,296	1,551,417	65%	2,217,413	(665,996)
Receiving and Supply	296,805	26,110	183,811	62%	180,616	3,195
Veh & Equip Maintenance	1,241,686	107,265	845,834	68%	725,462	120,372
Facilities Maintenance	1,276,546	85,246	918,244	72%	922,594	(4,350)
<b>Total Public Works</b>	<b>6,062,465</b>	<b>484,418</b>	<b>3,960,424</b>	<b>65%</b>	<b>4,488,536</b>	<b>(528,112)</b>
Parks, Culture & Recreation						
PCR Administration	255,146	16,415	154,199	60%	170,750	(16,551)
Recreation Programs	776,745	53,329	438,578	56%	478,443	(39,865)
Community Center Operations	1,057,473	73,430	643,989	61%	565,547	78,442
Library	913,132	68,013	577,352	63%	548,142	29,210
Aquatics Center	507,733	61,287	352,563	69%	307,415	45,149
Parks	41,476	480	40,639	98%	31,977	8,662
<b>Total Parks, Culture &amp; Recreation</b>	<b>3,551,705</b>	<b>272,953</b>	<b>2,207,321</b>	<b>62%</b>	<b>2,102,275</b>	<b>105,046</b>
Other Expenses	5,495,882	449,346	4,142,346	75%	4,645,641	(503,295)
XXXXXXX						
XXXXXXX	947,250	0	0	0%	0	0
<b>Total Operating Expenditures</b>	<b>29,401,983</b>	<b>2,035,279</b>	<b>18,054,463</b>	<b>61%</b>	<b>19,370,867</b>	<b>(1,316,404)</b>
Transfers To General Fund	0	0	0	0%	0	0
Transfers To Special Revenue	0	0	0	0%	0	0
Transfers To Capital Projects	1,604,658	0	1,604,658	100%	10,041,891	(8,437,233)
Transfers To Enterprise Funds	0	0	0	0%	0	0
Transfers To Enterprise Capital	0	0	0	0%	2,224,792	(2,224,792)
	1,604,658	0	1,604,658	100%	12,266,683	(10,662,025)
	31,006,641	2,035,279	19,659,121	63%	31,637,551	(11,978,429)
<b>Surplus/(Deficit)</b>	<b>(306,699)</b>	<b>(797,753)</b>	<b>5,668,489</b>	<b>73%</b>	<b>(736,578)</b>	<b>6,405,067</b>

	<b>FY2021 Budget</b>	<b>March</b>	<b>FY2021 YTD</b>	<b>% OF BUD</b>	<b>FY2020 YTD</b>	<b>INC/(DEC) Last Year</b>
<b>Electric Proprietary Fund</b>						
REVENUES	15,947,462	1,582,012	9,370,069	59%	14,164,895	(4,794,826)
Electric Line Repair & Maint	1,520,472	48,173	551,590	36%	743,065	(191,474)
Electric Production	10,006,537	909,402	5,140,744	51%	8,245,000	(3,104,257)
Facilities Maintenance	147,063	8,050	45,070	31%	64,525	(19,455)
Utility Administration	6,121,413	748,824	4,323,118	71%	4,134,960	188,158
Veh & Equip Maintenance	64,919	2,953	20,728	32%	30,347	(9,619)
Transfers Out	2,052,338	0	2,052,338	100%	2,927,998	(875,660)
EXPENSES	19,912,743	1,717,402	12,133,588	61%	16,145,896	(4,012,307)
NET EARNINGS/(LOSS)	(3,965,282)	(135,390)	(2,763,519)		(1,981,000)	(782,519)
<b>Water Proprietary Fund</b>						
REVENUES	2,691,584	442,774	2,229,665	83%	2,151,227	78,438
Transfers Out	259,735	0	259,735	100%	3,009,084	(2,749,349)
Facilities Maintenance	61,134	2,206	52,736	86%	44,345	8,391
Utility Administration	1,824,375	135,132	1,332,320	73%	1,305,451	26,870
Veh & Equip Maintenance	39,850	1,541	18,190	46%	20,710	(2,519)
Water Operations	1,710,763	90,708	896,133	52%	1,060,056	(163,923)
EXPENSES	3,895,857	229,587	2,559,115	66%	5,439,645	(2,880,530)
NET EARNINGS/(LOSS)	(1,204,273)	213,187	(329,450)		(3,288,418)	2,958,968
<b>Wastewater Proprietary Fund</b>						
REVENUES	2,648,412	230,722	1,985,517	75%	1,851,274	134,244
Facilities Maintenance	61,694	1,094	28,186	46%	55,176	(26,990)
Utility Administration	2,031,204	139,523	1,412,552	70%	1,473,368	(60,815)
Veh & Equip Maintenance	29,960	1,643	12,227	41%	19,551	(7,324)
Wastewater Operations	2,733,167	182,195	1,138,722	42%	1,292,632	(153,911)
EXPENSES	4,856,025	324,455	2,591,687	53%	2,840,727	(249,040)
NET EARNINGS/(LOSS)	(2,207,613)	(93,733)	(606,169)		(989,453)	383,284
Transfers In	1,009,265	0	1,009,265	100%	998,248	11,017
<b>Solid Waste Proprietary Fund</b>						
REVENUES	2,600,500	273,988	2,022,719	78%	1,956,780	65,939
Facilities Maintenance	88,323	16,029	52,208	59%	37,535	14,673
Solid Waste Operations	2,156,345	92,086	760,420	35%	1,248,703	(488,283)
Utility Administration	1,707,085	129,365	1,246,164	73%	1,207,212	38,952
Veh & Equip Maintenance	142,935	5,153	39,565	28%	44,786	(5,221)
Transfers Out	100,000	0	100,000	100%	564,211	(464,211)
EXPENSES	4,194,687	242,633	2,198,357	52%	3,102,447	(904,090)
NET EARNINGS/(LOSS)	(1,594,187)	31,355	(175,638)		(1,145,667)	970,028
Transfers In	0	0	0	0%	44,622	(44,622)

	<b>FY2021 Budget</b>	<b>March</b>	<b>FY2021 YTD</b>	<b>% OF BUD</b>	<b>FY2020 YTD</b>	<b>INC/(DEC) Last Year</b>
<b>Ports &amp; Harbors Proprietary Fund</b>						
REVENUES	8,713,722	840,862	4,902,143	56%	5,691,373	(789,230)
Bobby Storrs Small Boat Harbor	190,910	9,045	93,343	49%	85,730	7,612
CEM Small Boat Harbor	689,532	59,160	543,614	79%	515,060	28,554
Facilities Maintenance	66,488	2,833	43,976	66%	22,261	21,715
Harbor Office	8,124,639	546,243	5,023,127	62%	5,272,952	(249,826)
Ports Security	73,339	199	6,007	8%	22,415	(16,408)
Spit & Light Cargo Docks	527,369	35,115	410,279	78%	396,824	13,455
Unalaska Marine Center	1,095,321	56,828	752,169	69%	835,882	(83,714)
Veh & Equip Maintenance	63,025	5,582	38,821	62%	37,525	1,296
Transfers Out	0	0	0	0%	659,343	(659,343)
EXPENSES	10,830,622	715,007	6,911,335	64%	7,847,992	(936,658)
NET EARNINGS/(LOSS)	(2,116,900)	125,855	(2,009,192)		(2,156,620)	147,428
<b>Airport Proprietary Fund</b>						
REVENUES	560,341	40,329	365,394	65%	364,320	1,074
Airport Admin/Operations	592,175	45,141	441,814	75%	427,068	14,746
Facilities Maintenance	171,669	5,362	66,729	39%	76,307	(9,577)
EXPENSES	763,843	50,503	508,543	67%	503,374	5,169
NET EARNINGS/(LOSS)	(203,503)	(10,174)	(143,149)		(139,054)	(4,095)
<b>Housing Proprietary Fund</b>						
REVENUES	254,168	21,012	188,068	74%	175,878	12,190
Facilities Maintenance	209,652	26,022	130,249	62%	76,473	53,776
Housing Admin & Operating	369,685	26,370	254,787	69%	261,556	(6,769)
EXPENSES	579,337	52,391	385,035	66%	338,029	47,006
NET EARNINGS/(LOSS)	(325,170)	(31,380)	(196,968)		(162,151)	(34,817)



City of Unalaska  
Utility Revenue Report  
Summary

03/31/21

FY21 Budget Month	Electric	Water	Waste Water	Solid Waste	Monthly Revenue	FY21 Revenue	FY20YTD Revenue	YTD Inc/(Dec)
Jul-20	820,666	258,832	206,365	227,531	1,513,394	1,513,394	2,841,418	(1,328,024)
Aug-20	1,037,329	277,869	215,427	225,463	1,756,088	3,269,482	5,675,049	(2,405,567)
Sep-20	1,005,891	327,099	241,245	230,619	1,804,854	5,074,336	7,869,071	(2,794,735)
Oct-20	951,878	304,365	225,026	245,747	1,727,016	6,801,353	9,690,027	(2,888,674)
Nov-20	932,051	94,437	189,715	167,850	1,384,053	8,185,405	11,215,662	(3,030,257)
Dec-20	930,600	89,762	228,559	158,789	1,407,710	9,593,115	12,788,402	(3,195,287)
Jan-21	989,048	139,839	228,696	187,816	1,545,399	11,138,514	14,774,692	(3,636,178)
Feb-21	1,120,594	294,687	219,763	304,916	1,939,961	13,078,475	17,362,510	(4,284,035)
Mar-21	1,582,012	442,774	230,722	273,988	2,529,496	15,607,971	20,124,176	(4,516,205)
Apr-21	0	0	0	0	0	0	21,779,149	0
May-21	0	0	0	0	0	0	22,859,302	0
Jun-21	0	0	0	0	0	0	24,093,961	0
YTD Totals	9,370,070	2,229,665	1,985,517	2,022,719	15,607,971			
FY21 Budget	15,780,484	2,610,839	2,607,950	2,562,531	23,561,804			
% to budget	59.4	85.4	76.1	78.9	66.2			

City of Unalaska  
Electric Revenue Report  
Electric Fund

03/31/21

FY21 Budget Month	Residential	Small General	Large General	Industrial	P.C.E. Assist	Other Revenues	Monthly Revenue	FY21 YTD Revenue	FY20 YTD Revenue	YTD Inc/(Dec)
Jul-20	93,921	67,327	106,770	535,252	14,378	3,018	820,666	820,666	2,041,702	(1,221,036)
Aug-20	94,031	70,430	110,599	736,009	23,014	3,245	1,037,329	1,857,995	4,061,105	(2,203,110)
Sep-20	100,023	75,141	113,511	687,302	24,436	5,479	1,005,891	2,863,886	5,537,536	(2,673,650)
Oct-20	102,288	78,177	112,030	631,652	23,639	4,092	951,878	3,815,764	6,841,205	(3,025,441)
Nov-20	118,995	87,222	125,712	573,144	21,858	5,120	932,051	4,747,815	7,987,449	(3,239,634)
Dec-20	137,542	96,069	125,777	519,650	27,266	24,296	930,600	5,678,415	9,238,174	(3,559,759)
Jan-21	145,402	101,911	131,865	568,854	36,390	4,626	989,048	6,667,464	10,628,356	(3,960,893)
Feb-21	121,623	87,890	125,670	748,252	32,630	4,529	1,120,594	7,788,058	12,345,221	(4,557,163)
Mar-21	132,380	103,019	146,303	1,155,861	38,600	5,849	1,582,012	9,370,070	14,164,895	(4,794,825)
Apr-21							0	0	15,225,744	0
May-21							0	0	15,907,052	0
Jun-21							0	0	16,532,508	0
YTD Totals	1,046,206	767,186	1,098,238	6,155,975	242,210	60,255	9,370,070			
FY21 Budget	1,219,379	1,371,358	2,766,591	9,734,939	627,396	60,821	15,780,484			
% of Budget	85.8	55.9	39.7	63.2	38.6	99.1	59.4			

Kwh Sold

FY 21 Month	Residential	SM. Gen (Includes Street lights)	Large General	Industrial	Total FY21 Kwh Sold	Total FY20 Kwh Sold	Increase (Decrease)
July	292,131	247,538	386,262	2,092,990	3,018,921	6,090,737	(3,071,816)
August	293,860	251,591	390,951	2,775,095	3,711,497	6,449,784	(2,738,287)
September	308,689	265,870	389,200	2,548,140	3,511,899	4,321,225	(809,326)
October	315,284	277,713	376,437	2,281,300	3,250,734	3,894,864	(644,130)
November	358,816	304,498	420,418	2,032,770	3,116,502	3,326,760	(210,258)
December	407,641	322,446	413,963	1,730,270	2,874,320	3,363,919	(489,599)
January *	426,098	331,287	425,643	1,699,025	2,882,053	3,836,620	(954,567)
February	350,697	280,573	397,594	2,743,860	3,772,724	5,270,248	(1,497,524)
March	378,359	317,044	462,418	3,878,220	5,036,041	5,995,767	(959,726)
April					0	3,695,463	0
May					0	2,748,043	0
June					0	2,350,030	0
Total	3,131,575	2,598,560	3,662,886	21,781,670	31,174,691	51,343,460	(11,375,233)
Percent Sold	10.0%	8.3%	11.7%	69.9%	100.0%		

Generator Fuel	
FY21 Average Price Fuel	FY20 Average Price Fuel
1.5393	2.2808
1.5469	2.2532
1.4965	2.3070
1.4744	2.3367
1.7177	2.8235
1.8533	2.2705
1.8318	2.2478
1.9500	2.0874
2.2590	1.8872
	1.4287
	1.1246
	1.3986

FY21 Cumulative kwh Sold
3,018,921
6,730,418
10,242,317
13,493,051
16,609,553
19,483,873
22,365,926
26,138,650
31,174,691
31,174,691
31,174,691

1.7410      2.0372  
-14.54%  
% Change from Prior Year

City of Unalaska  
Water Revenue Report  
Water Fund

03/31/21

FY21 Month	Unmetered Sales	Metered Sales	Other Revenues	Monthly Revenue	FY21 YTD Revenue	FY20 YTD Revenue	YTD Inc/(Dec)
Jul-20	12,211	246,658	(37)	258,832	258,832	338,385	(79,553)
Aug-20	12,238	265,672	(41)	277,869	536,701	668,362	(131,661)
Sep-20	12,188	314,408	503	327,099	863,801	949,096	(85,295)
Oct-20	12,290	292,119	(45)	304,365	1,168,166	1,055,096	113,070
Nov-20	12,280	82,112	45	94,437	1,262,602	1,124,307	138,295
Dec-20	12,283	77,526	(47)	89,762	1,352,364	1,178,599	173,765
Jan-21	12,281	127,595	(37)	139,839	1,492,203	1,359,317	132,886
Feb-21	11,900	282,751	36	294,687	1,786,891	1,738,211	48,680
Mar-21	12,283	397,416	33,075	442,774	2,229,665	2,151,227	78,438
Apr-21				0	0	2,348,539	0
May-21				0	0	2,419,188	0
Jun-21				0	0	2,628,208	0
YTD Totals	109,955	2,086,257	33,452	2,229,665			
FY21 Budget	161,560	2,420,955	28,324	2,610,839			
% of Budget				85.4			

Million Gallons Produced

FY21 Month	FY 21 Produced	FY 20 Produced	Increase (Decrease)
July	112.799	144.933	(32.134)
August	119.327	137.816	(18.489)
September	140.934	119.165	21.769
October	131.744	50.297	81.447
November	42.052	36.136	5.916
December	47.001	28.865	18.136
January	66.272	81.562	(15.290)
February	127.428	160.773	(33.345)
March	175.672	165.937	9.735
April		88.002	0.000
May		35.459	0.000
June		94.854	0.000
Total	963.229	1143.799	37.745

FY21 Water Cumulative	FY20 Water Cumulative
112.799	144.933
232.126	282.749
373.060	401.914
504.804	452.211
546.856	488.347
593.857	517.212
660.129	598.774
787.557	759.547
963.229	925.484
0.000	1013.486
0.000	1048.945
0.000	1143.799

City of Unalaska  
Wastewater Revenue Report  
Wastewater Fund

03/31/21

FY21 Month	Unmetered Sales	Metered Commercial	Metered Industrial	Other Revenues	Monthly Revenue	FY21 YTD Revenue	FY20 YTD Revenue	YTD Inc/(Dec)
Jul-20	38,879	160,980	6,056	451	206,365	206,365	213,747	(7,382)
Aug-20	38,964	169,827	6,191	445	215,427	421,792	424,277	(2,485)
Sep-20	38,804	186,159	8,038	8,244	241,245	663,037	645,588	17,449
Oct-20	39,131	169,697	9,824	6,374	225,026	888,063	844,028	44,035
Nov-20	39,097	142,152	8,358	109	189,715	1,077,778	997,430	80,348
Dec-20	39,109	174,494	4,462	10,494	228,559	1,306,337	1,151,507	154,830
Jan-21	39,101	181,663	7,862	70	228,696	1,535,032	1,369,160	165,872
Feb-21	37,893	157,113	7,919	16,838	219,763	1,754,795	1,599,264	155,531
Mar-21	39,109	178,689	10,716	2,209	230,722	1,985,517	1,851,274	134,243
Apr-21					0	0	2,067,544	0
May-21					0	0	2,247,190	0
Jun-21					0	0	2,465,585	0
YTD Totals	350,087	1,520,773	69,425	45,233	1,985,517			
FY21 Budget	482,570	2,020,704	46,025	58,651	2,607,950			
% of Budget					76.1			

FY21 Month	FY21 Effluent (Gal)	FY20 Effluent (Gal)	Increase (Decrease)
July	10,512,000	10,335,000	177,000
August	11,571,000	10,748,000	823,000
September	12,188,000	10,824,000	1,364,000
October	13,078,000	13,384,000	(306,000)
November	13,433,000	12,123,000	1,310,000
December	16,204,000	11,309,000	4,895,000
January	15,231,000	13,438,000	1,793,000
February	16,331,000	16,992,000	(661,000)
March	13,890,000	15,115,000	(1,225,000)
April		10,517,000	0
May		11,001,000	0
June		11,391,000	0
Total	122,438,000	147,177,000	8,170,000

FY21 Cumulative	FY20 Cumulative
10,512,000	10,335,000
22,083,000	21,083,000
34,271,000	31,907,000
47,349,000	45,291,000
60,782,000	57,414,000
76,986,000	68,723,000
92,217,000	82,161,000
108,548,000	99,153,000
122,438,000	114,268,000
0	124,785,000
0	135,786,000
0	147,177,000

City of Unalaska  
Solid Waste Revenue Report  
Solid Waste Fund

03/31/21

FY21 Month	Residential Fees	Tipping Fees	Other Revenue	Monthly Revenue	FY21 YTD Revenue	FY20 YTD Revenue	YTD Inc/(Dec)
Jul-20	29,320	146,308	51,903	227,531	227,531	247,584	(20,053)
Aug-20	29,444	152,674	43,345	225,463	452,994	521,306	(68,312)
Sep-20	29,479	149,594	51,546	230,619	683,613	736,850	(53,237)
Oct-20	29,521	160,070	56,156	245,747	929,360	949,698	(20,338)
Nov-20	29,430	95,353	43,067	167,850	1,097,210	1,106,475	(9,265)
Dec-20	29,436	95,228	34,126	158,789	1,255,999	1,220,123	35,876
Jan-21	29,454	113,492	44,869	187,816	1,443,815	1,417,860	25,955
Feb-21	28,607	195,217	81,093	304,916	1,748,731	1,679,815	68,916
Mar-21	29,501	192,773	51,714	273,988	2,022,719	1,956,780	65,939
Apr-21				0	0	2,137,321	0
May-21				0	0	2,285,873	0
Jun-21				0	0	2,467,660	0
YTD Totals	264,192	1,300,709	457,818	2,022,719			
FY21 Budget	273,770	1,966,240	322,521	2,562,531			
% of Budget	96.5	66.2	141.9	78.9			

FY21 Month	FY21 Tons of Waste	FY20 Tons of Waste	Increase (Decrease)
July	615.03	676.37	(61.34)
August	649.09	769.86	(120.77)
September	534.39	640.50	(106.11)
October	763.70	630.93	132.77
November	431.17	465.26	(34.09)
December	399.72	286.49	113.23
January	501.65	551.56	(49.91)
February	788.69	776.63	12.06
March	770.95	824.33	(53.38)
April		569.26	0.00
May		478.41	0.00
June		496.35	0.00
Total	5454.39	7165.95	(167.54)

Cummulative	
FY21 Tons of Waste	FY20 Tons of Waste
615.03	676.37
1264.12	1446.23
1798.51	2086.73
2562.21	2717.66
2993.38	3182.92
3393.10	3469.41
3894.75	4020.97
4683.44	4797.60
5454.39	5621.93
0.00	6191.19
0.00	6669.60
0.00	7165.95

**CITY OF UNALASKA  
FY21 PORTS REVENUE**

Month	Year	UMC Dock				Spit Dock		Small Boat Harbor		Cargo Dock		CEM		Other Rev&Fees	Monthly Revenue	FY21 YTD Revenue	% of Budget	FY20 YTD Revenue	YTD Inc(Dec)	
		Docking/Moorage	Wharfage Fees	Rental Fees	Utility Fees	Docking / Moorage	Utility Fees	Docking / Moorage	Utility Fees	Dockage / Moorage	Wharfage Rental/Util	Docking/Moorage	Utility Fees							
Jul	2020	91,790	164,026	47,826	13,002	19,795	5,536	11,042	258	2,205	11,423	30,056	7,631	8,369	412,959	412,959	5.3%	652,342	(239,383)	
Aug	2020	110,341	256,924	47,590	25,965	31,046	5,825	5,492	499	4,671	9,412	48,100	12,726	2,318	560,909	973,869	12.5%	1,396,951	(423,083)	
Sept	2020	88,122	214,259	47,352	13,038	57,287	4,304	6,313	453	5,597	16,226	40,625	11,191	777	505,543	1,479,412	19.0%	2,140,999	(661,587)	
Oct	2020	121,086	209,878	47,165	33,487	59,735	7,600	4,602	534	6,395	13,185	66,269	26,585	1,564	598,086	2,077,498	26.7%	2,657,753	(580,255)	
Nov	2020	62,790	57,528	48,707	21,016	98,382	20,315	10,814	537	1,408	17,226	44,964	43,302	1,716	428,704	2,506,202	32.3%	3,122,930	(616,728)	
Dec	2020	68,331	79,433	48,648	33,517	32,291	26,770	13,761	2,192	3,067	3,252	239,140	55,606	404	606,412	3,112,613	40.1%	3,662,689	(550,076)	
Jan	2021	74,222	36,417	48,226	22,406	59,177	22,743	4,715	1,919	10,616	8,515	19,187	49,912	190	358,247	3,470,860	44.7%	4,109,754	(638,893)	
Feb	2021	118,434	220,170	50,298	52,377	37,504	11,267	3,632	1,350	6,147	30,596	19,369	32,039	7,229	590,412	4,061,272	52.3%	4,833,458	(772,186)	
Mar	2021	180,893	351,887	80,401	26,018	40,399	10,592	6,088	1,496	6,945	18,404	83,745	29,981	4,014	840,862	4,902,134	63.1%	5,691,373	(789,239)	
Apr	2021													0	0	0	0.0%	6,182,722	0	
May	2021													0	0	0	0.0%	6,619,140	0	
Jun	2021													0	0	0	0.0%	6,977,352	0	
<b>Totals</b>		<b>916,010</b>	<b>1,590,522</b>	<b>466,213</b>	<b>240,825</b>	<b>435,616</b>	<b>114,952</b>	<b>66,460</b>	<b>9,238</b>	<b>47,050</b>	<b>128,240</b>	<b>591,455</b>	<b>268,974</b>	<b>26,579</b>	<b>4,902,134</b>					
Loc total		3,213,570				550,568		75,697		175,290		860,429								
Loc percent		65.6%				11.2%		1.5%		3.6%		17.6%								
FY21 Budget		1,735,300	3,125,950	600,000	360,000	434,730	125,000	87,000	14,290	120,000	122,500	635,000	313,500	97,500	7,770,770					
% to Budget		52.8%	50.9%	77.7%	66.9%	100.2%	92.0%	76.4%	64.6%	39.2%	104.7%	93.1%	85.8%	27.3%	63.1%					

**PORTS RECEIVABLES**

Month	Year	Current	Over			Total Due	% Past Due 90 Days +	Cash Received
			30 Days	60 Days	90 Days			
Jul	2020	242,334	22,131	30,689	8,613	303,768	2.8%	337,593
Aug	2020	462,416	107,320	6,987	8,062	584,785	1.4%	373,142
Sept	2020	412,582	123,970	28,777	8,682	574,012	1.5%	519,145
Oct	2020	501,186	148,415	3,448	18,726	671,775	2.8%	483,766
Nov	2020	105,063	47,474	2,491	20,879	175,907	11.9%	575,240
Dec	2020	592,139	119,477	26,341	32,083	770,040	4.2%	304,782
Jan	2021	342,400	158,423	52,571	17,241	570,635	3.0%	452,647
Feb	2021	285,917	38,258	6,523	39,949	370,647	10.8%	321,590
Mar	2021	694,021	66,602	19,854	46,501	826,978	5.6%	658,540
Apr	2021					0	0.0%	
May	2021					0	0.0%	
Jun	2021					0	0.0%	
<b>YTD Cash Received</b>								<b>4,026,446</b>

**CITY OF UNALASKA  
FY21 AIRPORT REVENUE**

MONTH	YEAR	MONTHLY LEASES	MISC INCOME	LATE FEES	MONTHLY REVENUE	FY21 YTD REVENUE	% OF BUDGET	FY20 YTD REVENUE	YTD INC/(DEC)
JUL	2020	38,918	6	25	38,949	38,949	7.1%	39,873	(924)
AUG	2020	38,917	5	(50)	38,872	77,821	14.1%	79,596	(1,775)
SEP	2020	38,918	8	136	39,061	116,882	21.2%	119,376	(2,494)
OCT	2020	38,931	867	291	40,089	156,971	28.5%	159,020	(2,049)
NOV	2020	38,918	14	(416)	38,516	195,487	35.4%	37,621	157,866
DEC	2020	41,288	5	294	41,587	237,074	43.0%	239,357	(2,284)
JAN	2021	38,918	4,556	(707)	42,767	279,840	50.7%	285,005	(5,165)
FEB	2021	38,918	6,307	0	45,225	325,065	58.9%	324,171	894
MAR	2021	38,918	1,411	0	40,329	365,394	66.3%	364,320	1,074
APR	2021				0	0	0.0%	403,283	0
MAY	2021				0	0	0.0%	442,461	0
JUN	2021				0	0	0.0%	485,446	0
<b>TOTAL</b>		<b>352,641</b>	<b>13,180</b>	<b>(427)</b>	<b>365,394</b>		<b>0.0%</b>		
<b>FY21 BUDGET</b>		<b>544,000</b>	<b>3,500</b>	<b>4,000</b>	<b>551,500</b>				
<b>% TO BUDGET</b>		<b>64.8%</b>	<b>376.6%</b>	<b>-10.7%</b>	<b>66.3%</b>				

**RECEIVABLE BALANCES**

MONTH	YEAR	CURRENT	OVER 30 DAYS	OVER 60 DAYS	OVER 90 DAYS	TOTAL DUE	% PAST DUE 90 DAYS +	CASH RECEIVED
JUL	2020	38,993	1,049	3,078	5,556	48,676	11.4%	70,070
AUG	2020	31,407	3,587	913	13,045	48,952	26.6%	25,936
SEP	2020	34,300	17,674	855	12,533	65,361	19.2%	23,579
OCT	2020	39,429	26,174	16,723	12,592	94,918	13.3%	12,131
NOV	2020	11,298	16,647	16,713	27,381	5,780	473.7%	56,889
DEC	2020	21,328	935	967	60,728	83,957	72.3%	32,358
JAN	2021	26,972	2,579		27,380	56,931	48.1%	43,105
FEB	2021	11,480	2,454	0	(41,377)	(27,444)	0.0%	25,385
MAR	2021	34,466	13,338	0	(35,229)	12,575	0.0%	36,323
APR	2021					0	0.0%	
MAY	2021					0	0.0%	
JUN	2021					0	0.0%	
<b>YTD TOTAL</b>								<b>325,776</b>

## FY 21 HOUSING RENTAL REVENUE

MONTH	YEAR	HOUSING RENTALS	MISC. REVENUE	MONTHLY REVENUE	FY21 YTD REVENUE	% OF BUDGET	FY20 YTD REVENUE	YTD INC/(DEC)
JUL	2020	20,475		20,475	20,475	8.2%	13,398	7,078
AUG	2020	20,475		20,475	40,950	16.5%	41,553	(603)
SEP	2020	30,303		30,303	71,253	28.7%	68,822	2,431
OCT	2020	15,833		15,833	87,087	35.0%	80,830	6,257
NOV	2020	19,785		19,785	106,872	43.0%	101,070	5,802
DEC	2020	18,224		18,224	125,096	50.3%	127,968	(2,872)
JAN	2021	19,824		19,824	144,920	58.3%	139,408	5,512
FEB	2021	22,136		22,136	167,056	67.2%	158,190	8,866
MAR	2021	21,012		21,012	188,067	75.7%	175,878	12,189
APR	2021			0	0	0.0%	192,842	0
MAY	2021			0	0	0.0%	214,260	0
JUN	2021			0	0	0.0%	234,735	0
TOTAL		188,067	0	188,067				
FY21 Budget		248,500	0	248,500				
% TO BUDGET		75.7%		75.7%				



CITY OF UNALASKA  
UNALASKA, ALASKA

ORDINANCE 2021-06

AN ORDINANCE OF THE UNALASKA CITY COUNCIL AMENDING TITLE 11 OF THE UNALASKA CODE OF ORDINANCES TO ESTABLISH AN ENHANCED 911 SYSTEM AND ESTABLISH ENHANCED 911 CUSTOMER SURCHARGES.

BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF UNALASKA, as follows:

**Section 1: Classification.** This Ordinance is a Code Ordinance.

**Section 2: Amendment of Title 11.** Title 11 of the Unalaska Code of Ordinances is hereby amended by adding a new Chapter 11.32 to read as follows:

**Chapter 11.32  
ENHANCED 911 SYSTEM**

Sections

- 11.32.010      Enhanced 911 Emergency Reporting System**
- 11.32.020      Definitions**
- 11.32.030      Designation of Selective Router Demarcation Point**
- 11.32.040      Enhanced Emergency Reporting Equipment or Service**
- 11.32.050      Enhanced 911 Customer Surcharge**
- 11.32.060      Remittance**

**11.32.010 Enhanced 911 Emergency Reporting System**

A. Any local exchange telephone company or wireless telephone company providing service within the city shall cooperate with the City in the establishment of an enhanced 911 emergency reporting system to serve the entire City of Unalaska.

B. The city council designates the entire city as the enhanced 911 service area for the City of Unalaska.

### **11.32.020 Definitions**

For the purpose of this chapter, the following definitions shall apply unless the context clearly indicates or requires a different meaning.

- A. “911 service area” or “enhanced 911 service area” means the entire city that has been designated to receive an enhanced 911 system.
  
- B. “Enhanced 911 equipment” means any equipment dedicated to the operation of, or use in, the establishment, operation or maintenance of an enhanced 911 system, including customer premises equipment, automatic number identification or automatic location identification controllers and display units, printers, cathode ray tubes, recorders, software, and other essential communication equipment.
  
- C. “Enhanced 911 system” or “system” means a telephone system consisting of network, database and enhanced 911 equipment that uses the single three-digit number, 911, for reporting a medical, fire, police, or other emergency situation, and which enables the users of a public telephone system to reach a public safety answering point to report emergencies by dialing 911. An enhanced 911 system includes the personnel required to acquire, install, operate, and maintain the system.
  
- D. “Local exchange access line” means a telephone line that connects a local exchange service customer to the wireline telephone company switching office and that has the capability of reaching local public safety agencies, but does not include a line used by a carrier to provide inter-exchange services. However, the local exchange access lines shall not include public pay phones, inter-office trunks, toll trunks, and direct inward dialing trunks.
  
- E. “Local exchange service” means the transmission of two-way interactive switched voice communications furnished by a local exchange telephone company within the City of Unalaska including access to enhanced 911 systems.
  
- F. “Local exchange Telephone Company” or “wireline Telephone Company” means a telephone utility certified to provide local exchange service or wireline telephone service in the City of Unalaska by the Regulatory Commission of Alaska.
  
- G. “Public safety answering point” means a 24-hour local communications facility that receives 911 service calls and directly dispatches emergency response services or that relays calls to the appropriate public or private safety agency.
  
- H. “Surcharge” means an enhanced 911 system surcharge imposed on wireline and wireless telephones for support of an enhanced 911 system.
  
- I. “Wireless Telephone Company” means any telephone company that provides wireless telephone service through cellular, satellite, broadband, radio-based telephone or data transport service, and bills or sells wireless telephone service to a customer with an address within the City of Unalaska.

J. “Wireless telephone” means any telephone that is not a wireline telephone that is capable of communication with another device by use of radio waves or satellite signal, which includes cellular, mobile, radio-based, and broadband telephones. Each wireless telephone number is considered a separate wireless telephone for purposes of the surcharge.

K. “Wireline telephone” means any telephone that uses a local exchange access line.

**11.32.030 Designation of Selective Router Demarcation Point**

The City of Unalaska hereby designates 29 Safety Way in the City of Unalaska as the 911 PSAP selective router demarcation point solely for the purposes of 911 call delivery by telecommunications carriers.

**11.32.040 Enhanced Emergency Reporting Equipment or Services**

A. The city may purchase, lease or contract for any enhanced 911 equipment or services reasonably necessary to further enhance the existing 911 system at public safety answering points.

B. If the enhanced 911 system is to be provided for an area that is included in more than one telephone company service area, the City of Unalaska Department of Public Safety, with the approval of the City Manager, may enter into agreements necessary to establish and operate the system.

**11.32.050 Enhanced 911 Customer Surcharge**

1. A surcharge in the amount of \$2.00 per month, shall be levied on each local access line and each wireless telephone number that is billed or sold to a customer with an address within the City of Unalaska.
2. The Finance Director shall annually review this surcharge to determine whether the level of surcharge is adequate, excessive or insufficient to meet the anticipated enhanced 911 system needs.
3. A wireline telephone or wireless telephone customer may not be subject to more than one 911 surcharge per local exchange access line and wireless telephone. A customer that has more than 100 wireline access lines from a wireline telephone company in the city is liable for the 911 surcharge only on 100 wireline access lines.
4. The local exchange telephone company and the wireless telephone company, shall bill and collect the 911 surcharge. The 911 surcharge billed shall be accounted for separately from other charges.

5. The local exchange telephone company and the wireless telephone company, shall remit that portion of the surcharge receipts allocable to the City of Unalaska no later than 60 days after the end of the month in which the amount was collected. From each remittance made in a timely manner, the company is entitled to deduct the greater of one percent of the amount collected or a total of \$150 per month as the cost of administration for collecting the 911 surcharge. In addition, a wireless telephone company is entitled to full recovery of the recurring and nonrecurring costs associated with implementation and operation of Phase I E911 service as allowed under Federal Communications Commission proceedings entitled "Revision of the Commission's Rules to Ensure Compatibility with Enhanced 9-1-1 Emergency Calling Systems" (CC Docket No. 94-102; RM-8143). The local exchange telephone company and the wireless telephone company shall annually furnish a complete list of amounts due for nonpayment of surcharges, together with the names and addresses of those customers who carry a balance of what can be determined by the company to be for nonpayment of the surcharge.
6. The City of Unalaska may, at its own expense, require an annual audit of a telephone company's books and records concerning collection and remittance of the surcharge.
7. A wireline or wireless telephone customer is liable for payment of the enhanced 911 surcharge in the amounts billed by the telephone company until the amounts have been paid to the telephone company. A local exchange telephone company or wireless telephone company is not obligated to take legal action to enforce collection of the 911 surcharge. However, if a company is attempting to collect an unpaid debt from a customer, the company shall also attempt to collect any unpaid 911 surcharge that the customer owes. If a customer pays a portion of a bill that includes a 911 surcharge, the amount paid shall be prorated between the company and the 911 surcharge.

**11.32.060          Remittance**

A. On or before 60 days following the end of the month in which the surcharge was billed, the local exchange telephone company and the wireless telephone company shall submit to the City of Unalaska a return, upon forms provided by the city, and submit payment for the surcharge due the City of Unalaska.

B. The return shall be signed by the agent of the company and include:

- a. the name and address of the company;
- b. the name and title of the person preparing the return;
- c. the month being reported for which the surcharges were billed;
- d. the amount of gross surcharges billed for the month of the return;

- e. the deduction claimed for the surcharges previously billed and remitted, but charged off as uncollectible during the month being reported;
- f. the prorated recoveries representing the month's collection of surcharges previously written off as uncollectible;
- g. the amount of deduction claimed for the company's administrative costs to collect the surcharges, which may be the greater of \$150 or one percent of amounts collected;
- h. the net amount of remittance due to the City of Unalaska; and
- i. other information and supporting documentation which may be required by the city

**Section 2: Effective Date.** This ordinance shall take effect on 1 July 2021.

PASSED AND ADOPTED by a duly constituted quorum of the Unalaska City Council on Month DD, YYYY.

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Vincent M. Tutiakoff, Sr.  
Mayor

ATTEST:

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Roxanna Winters, CMC  
Acting City Clerk

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## MEMORANDUM TO COUNCIL

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To: Mayor and City Council Members  
From: Director J.E. King #2235, Public Safety  
Through: Erin Reinders, City Manager  
Date: 7 April 2021  
Re: Ordinance 2021-06: Amending Title 11 of the Unalaska Code of Ordinances to Establish an Enhanced 911 System and Establish Enhanced 911 Customer Surcharges

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**SUMMARY:** The City of Unalaska does not have a Computer Aided Dispatch (CAD) System that allows for the integration of Enhanced 911 capabilities. This downfall results in lengthy call taking times and pushes back the dispatch times for emergency services. It is the recommendation that Public Safety upgrade its Public Safety Answering Point capability to include Enhanced 911 and to assist with the cost of the implementation, maintenance and operation of the Enhanced 911 System, the City Council should enact an Ordinance that would impose a 911 Surcharge in compliance with current Alaska State Statute.

**PREVIOUS COUNCIL ACTION:** Council discussed this years ago as a potential funding source for projects currently underway to improve our 911 system. Council discussed this ordinance during their March 23, 2021 Work session. The power point shared in this Work Session is included in the packet for your reverence again tonight, it is full of useful information.

During the Work Session, a question was posed as to if the surcharge could be utilized for expenditures that have already been incurred. So follow-up conversations were had with the City Attorney to confirm this was the case. Also it was mentioned that with impact of COVID and utility increases possible how much negative impact would be caused to the community financially verses the benefits the service provides to the community. Some discussion took place as to what was the overall expected revenue compared to the cost of implementation, maintenance and operation of the project as a whole.

**BACKGROUND:** Unalaska has a very diverse community along with the existence of a multi-language community. Typically, the presence of a multi-language often poses unique challenges during normal day to day conversation and interaction. When you add in the stress of an emergency situation and the crucial need to immediately share or convey specific information, the results can be an usually long dialogue resulting in the rapid passage of time. The benefit of having an Enhanced 911 system takes seconds off of the dispatch time of emergency services. These seconds saved can result in the saving of a life. 911 was introduced in the 1960's and Enhanced 911 was introduced in the 1970's. A review of the current shortfalls of the Communications System as it is and the potential integration of existing technology was conducted. The Department of Public Safety has undertaken the process of upgrading its Radio, Repeater Site and CAD Systems. Phase III of this project incorporates the move to VESTA. VESTA is a CAD System that supports the Enhanced 911 features desperately needed to provide a high level of services for the best quality of life for the members of the community.

**DISCUSSION:** The passage of the Enhanced 911 Surcharge, in accordance to Alaska State Statute, will provide funding to assist with the cost of the implementation, maintenance and operation of the Enhanced 911 System. This fund will go towards sustaining the Enhanced 911 system for the life of the program. This includes the cost of training personnel and the time spent towards handling 911 calls. This fund will cover the cost of Computer Aided Dispatch software which periodically requires upgrades, patches or replacement altogether. This fund will allow for the purchase for various elements of equipment when the needs arise.

This is a much needed service. There are countless situations that have, do and may occur that limit the sharing of verbal communications during emergency situations. Enhanced 911 supports the ability of the Communications Division to dispatch Emergency Services even in the absence of verbal communications in life threatening situations when someone dials 911.

**ALTERNATIVES:** Four main options exist, and our outlined below.

1. The Council may elect to set a reduced rate for the surcharge at the onset and raise it at a later date upon conducting an analysis of the annual review of the program
2. The Council may elect to pass the Ordinance as written then conduct a review of the program upon the annual review and adjust the surcharge to a lower amount
3. The Council may elect to pass the Ordinance as written then conduct a review of the program upon the annual review and adjust the surcharge to a higher amount by placing the proposal as a ballot measure for the community to vote on in accordance to current Alaska State Statute
4. The Council may elect to refuse the proposed Ordinance and fund the project strictly out of the General Fund

**FINANCIAL IMPLICATIONS:** City staff reached out to local telecommunication providers to estimate the financial impact of the surcharge. Annually, the expected income from the 911 Surcharge (if set at \$2) should generate an estimated \$75-\$85 thousand dollars. This is outlined below.

**Expected Surcharge Revenue**

TeleCom 1	2000 Cellular Customers	2000 x \$2 x 12 = \$48,000.00
TeleCom 2	1300 Wired + 100 Cellular	1400 x \$2 x 12 = \$33,600.00
TeleCom 3	Projected to pull from existing customer base without additions	
TeleCom 4	Working agreement with partner provider resulting in no additions	

Surcharges would be dedicated to assist with the cost of the implementation, maintenance and operation of the Enhanced 911 System. Related qualifying costs and activities are outlined below.

The CMMP Radio Project is a 3 phase project. This project has a \$1,500,000.00 overall budget. The first phase deals with the repeater and console. The second phase focuses on the radio site. Phase III is geared towards the CAD VESTA implementation.

**Phase III Project Costs**

Avtek Dispatch Console	\$98,548.87
ErgoFlex Work Stations	\$37,798.00
VESTA CAD Software	\$39,531.44
Network Support Server	<u>\$38,000.00</u>

Estimated Total        \$213,878.31

**Projected Support Equipment and Man-Hours**

(These expenses are associated to the implementation and maintenance of the E-911 System)

Implementation tasks left to be completed include:

- COU Planning: Automatic number identification database integration preparation
- COU Planning: Automatic location identification database integration preparation

Equipment left to purchase includes:

- Public Safety Answering Point backup power systems
- 911 telecommunications systems
- Call answering equipment
- Call transfer equipment
- Automatic number identification controllers and displays
- Automatic location identification controllers and displays
- Tele-printers
- Logging recorders
- Instant playback recorders
- Telephone devices for the deaf
- Automatic call distributors

**Expected Long Term Recurring Costs**

Communications Personnel Training Cost (for new employees)

Note: CEU's covered with an annual subscription

- ETI        estimated \$4500 per employee
- ETC        covered by on-site instructor
- EFD        estimated \$4300 per employee
- EMD        estimated \$4300 per employee
- EPD        estimated \$4300 per employee
- EFDQAC    estimated \$4500 per employee
- EMDQAC    estimated \$4500 per employee
- EPDQAC    estimated \$4500 per employee

Communications Personnel Training Cost (every other year per employees)

- EFD        estimated \$50 per employee
- EMD        estimated \$50 per employee
- EPD        estimated \$50 per employee
- EFDQAC    estimated \$100 per employee
- EMDQAC    estimated \$100 per employee
- EPDQAC    estimated \$100 per employee

Salaries can be funded for time spent handling 911 calls

**LEGAL:** The City Attorney has reviewed this ordinance and adjustments have been made based on his guidance. Additionally, the City Attorney was asked to review Alaska State Statute 29.35.131 as it pertains to the proper use of funds raised by the 911 Surcharge. The City was advised that the funds from the 911 Surcharge can be applied to the costs directly attributed the establishment, maintenance and operation of the E-911 system. This includes costs that have been accrued prior to the enactment of the City Ordinance.



**STAFF RECOMMENDATION:** Staff recommends adoption of Ordinance 2021-06.

**PROPOSED MOTION:** I move to adopt Ordinance 2021-06.

**CITY MANAGER COMMENTS:** I support adoption of this Ordinance, and appreciate Chief King's leadership in these efforts.

**ATTACHMENTS:**

- Power Point from March 23, 2021 Work Session
- Ordinance 2021-06

## Enhanced 9-1-1



## What is 9-1-1

- The first 911 system was installed in Haleyville, Alabama, in February 1968, as a way to quickly connect a subscriber to the local police station.
- It was not until 1999 that the United States Congress directed the FCC to make 911 the universal emergency number in the United States for all telephone services.
- The 911 network is now a vital part of our nation's emergency response and disaster preparedness system.
- Emergency personnel and others often learn about emergencies through 911 calls.

## What is 9-1-1



- Dialing 911 quickly connects a caller to a nearby Public Safety Answering Point (PSAP), which is a call center operated by the local government
- At the PSAP, the call is answered by a specially trained official known as a 9-1-1 dispatcher, who routes your call to local emergency medical, fire, and law enforcement agencies.
- 911 lines are designated for emergency calls, such as reporting a crime in progress, reporting a fire, or requesting an ambulance.

## What is Enhanced 9-1-1



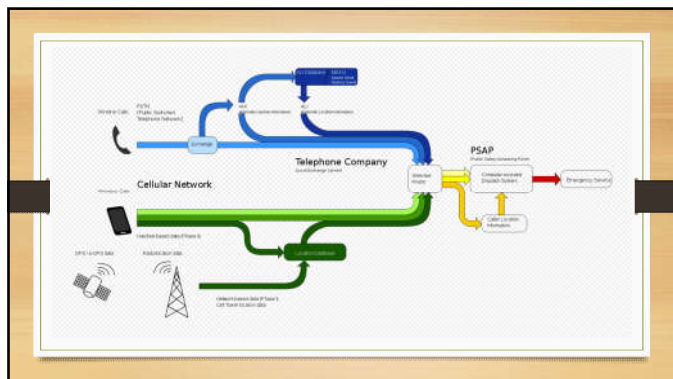
- Enhanced 911, E-911 or E911 is a system used in North America to automatically provide the caller's location to 911 dispatchers.
- A pioneering system was in place in Chicago by the mid-1970s, providing both police and fire departments access to the source location of emergency calls.
- The dispatcher's computer receives information from the telephone company about the physical address (for landlines) or geographic coordinates (for wireless) of the caller.
- This information is used to dispatch police, fire, medical, and other services as needed.

## Call Routing

- **Landline routing**
- Calls to 911 over the public switched telephone network (PSTN) are routed to a special router (known as Selective Router, or 9-1-1 Tandem).
- The router looks for the address associated with the caller's telephone number in a database. The caller's phone number is known as an ANI.
- The database relating ANIs to addresses is known as ALI (Automatic Location Identification).
- The router then uses the address to search in the Master Street Address Guide (MSAG) for the Emergency Service Number (ESN) of the appropriate PSAP for that area, and connects the call to it.

## Call Routing

- **Wireless routing**
- Calls from cellular phones are received via cell towers by mobile switching centers (MSC).
- The switching center automatically assigns a unique identifier to each cellular 911 call, known as a "pseudo ANI".
- The Selective Router connects the call to a PSAP based on the cell tower's location.



## Why?

- Automated Location Information is crucial in situations
  - When a person is suffering a medical emergency and is unable to speak
  - When a person needs assistance but cant hold the phone because they are rendering CPR
  - When a person is the victim of an assault (such as Domestic Violence) and needs help but cannot risk the call being known
  - When a criminal act (Burglary, Robbery, etc.) is taking place and help is needed but the caller cannot risk the call being known

## Federal Communications Commission

- The U.S. Federal Communications Commission (FCC) has made several requirements applicable to 911
  - Basic 911: All 911 calls must be relayed to a call center, regardless of whether or not the mobile phone user is already a customer of the network being used.
  - In 1996, the FCC issued an order requiring wireless carriers to determine and transmit the location of callers who dial 911 in two Phases.
  - The Wireless Communications and Public Safety Act of 1999, also known as the 911 Act, mandated the use of E911 and designated 911 as the universal emergency number, including both wireline and wireless phone devices.

## Federal Communications Commission

- E911 Phase 1
  - Phase I involved sending the location of the receiving antenna for 911 calls
  - Wireless network operators must identify the phone number and cell phone tower used by callers, within six minutes of a request by a PSAP

## Federal Communications Commission

- E911 Phase 2
  - Phase II involved sending the location of the calling telephone for 911 calls
  - 95% of a network operator's in-service phones must be E911 compliant ("location capable") by December 31, 2005. (Numerous carriers missed this deadline and were fined by the FCC).
  - Wireless network operators were to provide the latitude and longitude of callers within 300 meters, within six minutes of a request by a PSAP.
  - Accuracy rates were to meet FCC standards on average within any given participating PSAP service area by 11 September 2012 (deferred from 11 September 2008).

## Kari's Law & Ray Baum's Act August 2019

- Under the provisions outlined in KARI'S LAW, new and upgraded MLTS systems after February 17, 2020 must:
  - Enable the public to dial 911 from MLTS directly, without having to dial additional numbers, such as a "9," to reach an outside line.
  - Require MLTS to send a notification to a location where someone is likely to hear or see it when a 911 call has been made.
  - Establish dispatchable location information requirements for 911 calls from MLTS, fixed telephone services, interconnected Voice over Internet Protocol (VoIP) services, mobile text, and Internet-based Telecommunications Relay Services (TRS)

## Official Letter of Notification

### TeleCom

- Verbal Communications have been ongoing with local TeleCom providers
- Letters have been drafted for
  - TelAlaska
  - GCI
  - OptiMera

### Multi-Line Telephone Systems

- Private Telecommunications Networks
  - Business (i.e. Hotels etc) with internal switchboard
- **Dispatchable location is defined as:**
  - The street address of the calling party. Information such as room number, floor number, or similar information necessary to adequately identify the location of the calling party.

## E911 Fund

- Annual Report on the Collection and Use of 911 Fees
  - The New and Emerging Technologies 911 Improvement Act of 2008 (NET 911 Act) requires the Commission to submit an annual report to Congress on the collection and distribution of 911 and Enhanced 911 fees and charges by the states, the District of Columbia, U.S. territories, and Tribal Nations (states and other reporting entities).
  - NET 911 Act requires the Commission to report whether 911 fees and charges collected by states and other reporting entities are being used for any purpose other than to support 911 and Enhanced 911 (E911) services

## Why?

- Funding is crucial for:
  - Personnel
  - Training
  - Equipment (hardware & software)
- The implementation and maintenance of the program

## Address signage standards

- In addition to upgrading communications systems, most counties and communities in the United States have established ordinances (e.g. IRC section [R.319.1](#)) requiring property owners to standardize the display of house numbers on buildings and along streets and roadways, to allow emergency personnel to more easily identify a given address day or night, even in poor weather.
- These are normally composed of reflective characters, at least 3 to 6 inches high, on a contrasting reflective background.
- It is necessary for the address number to be affixed to the building or to a separate structure such as a post, wall, fence, or mailbox, provided that such separate structure is located in front of the building and on the building's side of the street.
- Compliant signage systems are often advertised as being "E911 compliant".

## International Residential Code for One- and Two-Family Dwellings

- **R319.1 Address numbers.**
- Buildings shall have *approved* address numbers, building numbers or *approved* building identification placed in a position that is plainly legible and visible from the street or road fronting the property.
- These numbers shall contrast with their background.
- Address numbers shall be Arabic numbers or alphabetical letters.
- Numbers shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of  $\frac{1}{2}$  inch (12.7 mm).
- Where access is by means of a private road and the building address cannot be viewed from the public way, a monument, pole or other sign or means shall be used to identify the structure.

CITY OF UNALASKA  
UNALASKA, ALASKA

ORDINANCE NO. 2021-08

CREATING BUDGET AMENDMENT #6 TO THE FISCAL YEAR 2021 BUDGET, RECOGNIZING STATE DHSS GRANT REVENUE OF \$210,171.93 AND INCREASING EXPENDITURES BY \$210,171.93 IN THE CORONAVIRUS RELIEF SPECIAL REVENUE FUND TO IMPROVE ACCESS TO COVID-19 VACCINE AND DECREASE HEALTH INEQUITIES

BE IT ENACTED BY THE UNALASKA CITY COUNCIL

Section 1. Classification: This is a non-code ordinance.  
Section 2. Effective Date: This ordinance becomes effective upon adoption.  
Section 3. Content: The City of Unalaska FY21 Budget is amended as follows:

- A. That the following sums of money are hereby accepted and the following sums of money are hereby authorized for expenditure.
- B. The following are the changes by account line item:

**Amendment No. 6 to Ordinance #2020-10**

**I. OPERATING BUDGETS**

**A. Coronavirus Relief Special Revenue Fund**

Sources:

	Current	Requested	Revised
<i>State of Alaska DHSS Grant</i>	\$ -	\$ 210,172	\$ 210,172

Uses:

*COVID-19 Recovery and Prevention - DHSS:*

Personnel	\$ -	\$ 93,000	\$ 93,000
Other Professional Services	\$ -	\$ 105,000	\$ 105,000
Supplies	\$ -	\$ 12,172	\$ 12,172

PASSED AND ADOPTED BY A DULY CONSTITUTED QUORUM OF THE UNALASKA CITY COUNCIL THIS \_\_\_\_ DAY OF \_\_\_\_ 2021

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
CITY CLERK

**City of Unalaska**  
**Summary of Budget Amendment and Schedule of Proposed Accounts**  
**Budget Amendment 6 to the FY21 Budget**

1) Coronavirus Relief Special Revenue Fund

Add \$210,171.93 to Misc.State Operating Grants to recognize revenue from a State of Alaska Dept. of Health and Social Services COVID-19 grant

Add \$93,000.00 to personnel expenditures for COVID-19 testing and vaccination activities

Add \$117,171.93 to operating expenditures for COVID-19 testing and vaccination activities

1) **Coronavirus Relief Special Revenue Fund**

**Sources:**

Misc. State Operating Grants

Org	Object	Project	Current	Requested	Revised
130A1941	42199	EM005	\$ -	\$ 210,171.93	\$ 210,171.93

**Uses:**

*Personnel*

Salaries and Wages

Temporary Employees

Overtime

Health Insurance

FICA

PERS

Unemployment Insurance

Worker's Compensation

Other

130A1951	51100	EM005	\$ -	\$ 45,000.00	\$ 45,000.00
130A1951	51200	EM005	\$ -	\$ 6,099.00	\$ 6,099.00
130A1951	51300	EM005	\$ -	\$ 5,000.00	\$ 5,000.00
130A1951	52100	EM005	\$ -	\$ 15,810.00	\$ 15,810.00
130A1951	52200	EM005	\$ -	\$ 4,185.00	\$ 4,185.00
130A1951	52300	EM005	\$ -	\$ 13,950.00	\$ 13,950.00
130A1951	52400	EM005	\$ -	\$ 259.00	\$ 259.00
130A1951	52500	EM005	\$ -	\$ 2,325.00	\$ 2,325.00
130A1951	52900	EM005	\$ -	\$ 372.00	\$ 372.00

*Operating*

Other Professional Services

Equipment Rental

General Supplies

130A1952	53300	EM005	\$ -	\$ 105,000.00	\$ 105,000.00
130A1952	54420	EM005	\$ -	\$ 9,000.00	\$ 9,000.00
130A1952	56100	EM005	\$ -	\$ 3,171.93	\$ 3,171.93

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## MEMORANDUM TO COUNCIL

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To: Mayor and City Council Members  
From: Edward Keough, Finance Director  
Through: Erin Reinders, City Manager  
Date: April 13, 2021  
Re: Ordinance 2021-08, creating budget amendment #6 to the fiscal year 2021 budget, recognizing state DHSS grant revenue of \$210,171.93 and increasing expenditures by \$210,171.93 in the Coronavirus Relief Special Revenue Fund to improve access to COVID-19 vaccine and decrease health inequities

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**SUMMARY:** This ordinance will amend the fiscal year 2021 operating budget to accept a grant in the amount of \$210,171.93 from the State of Alaska Department of Health and Social Services Division of Public Health and provide for expenditures of the same amount to implement community-driven strategies that support COVID-19 vaccination efforts.

**PREVIOUS COUNCIL ACTION:** On June 9, 2020 Council adopted the FY21 budget with Ordinance 2020-10. Council has passed 5 previous amendments to the FY21 budget.

**BACKGROUND:** On March 12, 2021, the City of Unalaska applied for funding from the State of Alaska Department of Health and Social services to implement COVID-19 prevention strategies in the community. Alaska DHSS has notified the City that we have qualified for \$210,171.93, contingent upon compliance with the Memorandum of Agreement. The Memorandum of Agreement is in the process of being signed at the state level.

**DISCUSSION:** The stated purpose of the DHSS grant program is to improve efforts and increase access to COVID testing, build capacity to increase access to COVID vaccines, and implement strategies that decrease health inequities.

In order meet the program goals the City has engaged with a local vaccine coordination committee in conjunction with the Qawalangin Tribe, the IFHS Clinic, and the APIA – Oonalaska Wellness Center. The community-wide scope of these mass vaccination clinics addresses the need to decrease health inequities within Unalaska in addition to increasing access to the COVID vaccine.

The grant funds will be used to cover costs incurred to provide mass vaccination clinics in our community. The clinics are staffed by a combination of City Fire/EMS and PCR employees and medical personnel from IFHS and the APIA - Oonalashka Wellness Center. \$198,000 of the grant funds will be used for these staffing costs. The additional grant funds will be used for supplies and equipment rental required to stage the clinics. If funding remains after mass vaccination clinics are no longer necessary, remaining funds may be used to support other vaccination and testing efforts.

**ALTERNATIVES:** Council could elect to not agree to the terms of the grant agreement and forfeit the opportunity to recover costs incurred as a result of the City's efforts in responding to the COVID-19 pandemic

**FINANCIAL IMPLICATIONS:** Adds \$210,171.93 of grant revenue and authorizes the same amount of expenditures in the Coronavirus Relief Special Revenue Fund.

**LEGAL:** None

**STAFF RECOMMENDATION:** Staff recommends approval.

**PROPOSED MOTION:** I move to schedule Ordinance 2021-08 for public hearing and second reading on April 27, 2021.

**CITY MANAGER COMMENTS:** I support approval of this ordinance.

**ATTACHMENTS:** Memorandum of Understanding





**Memorandum of Understanding Between**  
**State of Alaska - Department of Health and Social Services**  
**Division of Public Health – COVID-19 Emergency Operations Center (DPH-EOC)**  
**- and -**  
**City of Unalaska**

**I. PURPOSE AND SCOPE**

The purpose of this MOA is to provide funding to government entities to implement community-driven strategies that support COVID-19 related activities. These activities include improving efforts and increase access to COVID-19 testing in the community, building capacity to increase access to COVID-19 vaccine in the community and implementing strategies that decrease health inequities, as well as other COVID-19 related recovery and prevention strategies.

**II. THE DPH AGREES TO:**

Provide support to the community on COVID-19 vaccine administration, testing, and other COVID-19 related activities. The COVID-19 EOC Team is available to consult and provide technical assistance to government entities and to pre-approved pass-through recipients of award funding. The team will also ensure that approved activities meet the funding requirements.

**III. THE CITY OF UNALASKA AGREES TO:**

Expand access to COVID-19 vaccinations, provide mobile COVID-19 vaccine administration, and implement strategies to reduce COVID-19 related health inequities.

Recipient must establish/maintain/provide electronic reporting of SARS-CoV2/COVID-19 laboratory data to CDC daily per the guidance provided by CDC (e.g., CELR). This includes all testing (e.g., positive/negative, PCR, Point-of-Care, etc.) and complete data elements (e.g., race/ethnicity) per CARES legislation and ELC performance measures.

Any additional activities not specifically stated in the application must be received prior to approval from the COVID-19 EOC Team.

IV. JOINT RESPONSIBILITIES:

Both parties will make a good faith effort to communicate about any issues that might arise that will impact the timeliness of activities, reporting, or payment.

V. PERIOD OF AGREEMENT AND TERMINATION:

This agreement will terminate on March 31, 2022 and receipts must be for activities prior to this date. Funds are intended to be used to support staff time (including overtime), supplies, and other materials as needed to support COVID-19 related activities.

VI. TERMS OF PAYMENT

The State agrees to pay the City of Unalaska up to \$210,171.93 over the term of this agreement.

The Contractor will submit monthly invoices detailing services performed in accordance with appendix A.

The invoice must:

- reference the contractor's name, address and phone number
- reference the contract number: C0621-540-L (actual contract number);
- include an invoice number
- Reference the Alaska Division of Public Health – COVID Admin

The Contractor shall submit final invoices to the address specified below no later than 30 days after March 31, 2022. Failure to include the required information on the invoice may cause an unavoidable delay to the payment process. The State will pay all invoices within thirty (30) days of invoice approval by the Project Director.

Email invoices to:

[covidadmin@alaska.gov](mailto:covidadmin@alaska.gov)

(please reference *Community MOA Reimbursement Request* in the subject line)

Notwithstanding any other provision of this contract, it is understood and agreed that the State shall withhold reimbursement at any time the Contractor fails to comply with the terms of the MOA.

VII. GRANT COMPLIANCE FROM THE FEDERAL NOTICE OF GRANT AWARD

- Recipients must comply with the Terms and Conditions of this award, all Code of Federal Regulations, and the Alaska Administrative Manual.
- In addition to the federal laws, regulations, policies, and CDC General Terms and Conditions for Non-research awards at <https://www.cdc.gov/grants/federalregulationspolicies/index.html>, the Centers for Disease Control and Prevention (CDC) hereby incorporates Notice of Funding Opportunity (NOFO) number CK19-1904 entitled "Cooperative Agreement for Epidemiology and Laboratory Capacity (ELC), which is hereby made a part of this non-research award, hereinafter referred to as the Notice of Award (NoA).
- Coronavirus Disease 2019 (COVID-19) Funds: A recipient of a grant or cooperative agreement awarded by the Department of Health and Human Services (HHS) with funds made available under the Coronavirus Preparedness and Response Supplemental Appropriations Act, 2020 (P.L. 116-123); the Coronavirus Aid, Relief, and Economic Security Act, 2020 (the "CARES Act") (P.L. 116-136); the Paycheck Protection Program and Health Care Enhancement Act (P.L. 116-139); and/or the Consolidated Appropriations Act,

2021, Division M – Coronavirus Response and Relief Supplemental Appropriations Act, 2021 (P.L. 116-260), agrees, as applicable to the award, to: 1) comply with existing and/or future directives and guidance from the Secretary regarding control of the spread of COVID-19; 2) in consultation and coordination with HHS, provide, commensurate with the condition of the individual, COVID-19 patient care regardless of the individual's home jurisdiction and/or appropriate public health measures (e.g., social distancing, home isolation); and 3) assist the United States Government in the implementation and enforcement of federal orders related to quarantine and isolation.

- To achieve the public health objectives of ensuring the health, safety, and welfare of all Americans, Recipient must distribute or administer vaccine without discriminating on non-public-health grounds within a prioritized group. This includes, but is not limited to, immigration status, criminal history, incarceration, or homelessness. To this end, and to help achieve the public health imperative of widespread herd immunity to COVID-19, Recipient must administer or distribute vaccine to any and all individuals within a prioritized group in the same timeframe, taking into account available vaccine doses. For example, if meatpacking plant workers are a prioritized group, then all workers in that group, including undocumented immigrants, must be vaccinated to help assure that the plant is in a position to safely resume essential functions. In addition, to the extent applicable, Recipient will comply with Section 18115 of the CARES Act, with respect to the reporting to the HHS Secretary of results of tests intended to detect SARS-CoV-2 or to diagnose a possible case of COVID-19. Such reporting shall be in accordance with guidance and direction from HHS and/or CDC. HHS laboratory reporting guidance is posted at: <https://www.hhs.gov/sites/default/files/covid-19-laboratory-data-reporting-guidance.pdf>.
- Further, consistent with the full scope of applicable grant regulations (45 C.F.R. 75.322), the purpose of this award, and the underlying funding, the recipient is expected to provide to CDC copies of and/or access to COVID-19 data collected with these funds, including but not limited to data related to COVID-19 testing. CDC will specify in further guidance and directives what is encompassed by this requirement.
- This award is contingent upon agreement by the recipient to comply with existing and future guidance from the HHS Secretary regarding control of the spread of COVID-19. In addition, recipient is expected to flow down these terms to any subaward, to the extent applicable to activities set out in such subaward.

**Unallowable Costs:**

- Resources funded by another HSS Contract or HSS-Cares source
- Purchase of vehicles
- Reimbursement of pre-award costs
- Research
- Indirect costs associated with the award
- Food and/or water for events
- Hospital bill or insurance claims
- Clinical care (except as otherwise noted in Domain 5 and as may be provided in further guidance from CDC)
- Publicity and propaganda (lobbying):
- Other than for normal and recognized executive-legislative relationships, no funds may be used for:
  - publicity or propaganda purposes, for the preparation, distribution, or use of any material designed to support or defeat the enactment of legislation before any legislative body
  - the salary or expenses of any grant or contract recipient, or agent acting for such recipient, related to any activity designed to influence the enactment of legislation, appropriations, regulation, administrative action, or Executive order proposed or pending before any legislative body
  - See Additional Requirement (AR) 12 for detailed guidance on this prohibition and additional guidance on lobbying for CDC recipients: [https://www.cdc.gov/grants/documents/Anti-Lobbying\\_Restrictions\\_for\\_CDC\\_Grantees\\_July\\_2012.pdf](https://www.cdc.gov/grants/documents/Anti-Lobbying_Restrictions_for_CDC_Grantees_July_2012.pdf)
  - All unallowable costs cited in CDC-RFA-TP18-1802 remain in effect, unless specifically amended in this guidance, in accordance with 45 CFR Part 75 – Uniform Administrative Requirements, Cost Principles, and Audit Requirements for HHS Awards.

VII. CONTACT INFORMATION

DPH-EOC primary point of contact: Marie Jackman  
Division of Public Health, COVID Public Health Specialist  
3601 C Street, Suite 722  
Anchorage AK 99503  
Office: 907-310-6092  
Email: [marie.jackman@alaska.gov](mailto:marie.jackman@alaska.gov)

City of Unalaska primary point of contact: Patrick Shipp  
City of Unalaska, Fire Chief  
Office: 907-581-5330  
Email: [pshipp@ci.unalaska.ak.us](mailto:pshipp@ci.unalaska.ak.us)


City of Unalaska finance contact: Edward Keough  
City of Unalaska, Finance Director  
Office: 907-581-1251 Ext. 3111  
Email: [ekeough@ci.unalaska.ak.us](mailto:ekeough@ci.unalaska.ak.us)

City of Unalaska additional contact: Erin Reinders  
City of Unalaska, City Manager  
Office: 907-581-1251  
Email: [ereinders@ci.unalaska.ak.us](mailto:ereinders@ci.unalaska.ak.us)

VIII. SIGNATURES

By signature of the below, both parties agree to the terms of this MOA.

**City of Unalaska**

By:  \_\_\_\_\_ Date: 4/6/21  
Erin Reinders, City Manager, City of Unalaska

**State of Alaska**

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Marie Jackman, DPH-EOC Program Contact

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Heidi Hedberg, EOC/Unified Commander & DPH Director

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Jason Grove, Procurement Manager

CITY OF UNALASKA  
UNALASKA, ALASKA

RESOLUTION 2021-20

A RESOLUTION OF THE UNALASKA CITY COUNCIL CONTINUING MEASURES TO PROTECT PUBLIC HEALTH

WHEREAS, the COVID-19 pandemic has generated a public health emergency that threatens to overwhelm the City of Unalaska health system and the economy of our community, endangering the lives and wellbeing of our citizens; and

WHEREAS, on March 11, 2020, the World Health Organization (WHO) declared the virus a pandemic; and

WHEREAS, on March 13, 2020, President Donald J. Trump declared a national emergency in response to the virus pandemic; and

WHEREAS, on March 15, 2020, Mayor Vincent M. Tutiakoff, Sr. declared a local emergency in the City of Unalaska, authorizing the City Manager to take necessary actions to reduce the impact and spread of the coronavirus known as COVID-19 through the City of Unalaska; and

WHEREAS, on March 18, 2020, the Unalaska City Council passed Resolution 2020-16, declaring a local emergency to remain in effect for so long as the declaration of a Public Health Disaster in the State of Alaska Remains in effect; and

WHEREAS, on November 10, 2020, the Unalaska City Council passed Resolution 2020-71, extending the local emergency declaration through June 30, 2021, to allow the City to continue to take necessary actions to reduce the impact and spread of the coronavirus known as COVID-19 in the City of Unalaska; and

WHEREAS, on February 14, 2021, Governor Dunleavy issued four Health Advisories with guidance and recommendations on general safety and best practices, international and interstate travel, intrastate travel, and critical infrastructure; and

WHEREAS, the Centers for Disease Control and Prevention (CDC) have issued public health guidance, including social distancing measures, the recommendation that everyone wear a cloth face covering when in public settings where social distancing measures are difficult to maintain, and that certain individuals take greater precautions; and

WHEREAS, local health officials have advised that in addition to practicing social distancing and staying at home as much as possible, additional measures that include the covering of an individual's nose and mouth will prevent asymptomatic individuals with COVID-19 from unknowingly spreading the disease; and

WHEREAS, local health officials have advised that stronger protective measures are required given Unalaska's remoteness, lack of road access to the mainland, and because the majority of our community's businesses are designated as essential, critical or support critical infrastructure; and

WHEREAS, the State of Alaska has specifically recommended communities with limited health care infrastructure or high-risk populations should consider limiting all non-essential travel;

WHEREAS, local health officials have advised that stronger protective measures are required to conserve limited local healthcare resources, as they strive to meet the needs of all community members and essential workforce employees; and

WHEREAS, as of April 21, 2021, there were 66,680 (residents and non-residents) cumulative known COVID-19 cases in the state, including travel-related cases in geographically isolated and remote communities; and

WHEREAS, as of April 21, 2021, 765 persons have tested positive for the virus in Unalaska; and

WHEREAS, Unalaska has been able to keep multiple cases or outbreaks limited and isolated, and has been successful in stopping community transmission of the virus in the past; and

WHEREAS, as of March 1, 2021, Unalaska's Local Risk Level was changed to Medium in accordance with Unalaska's COVID-19 Response Plan, but increased to High on April 12, 2021 due to potential widespread exposure on April 10, 2021; and

WHEREAS, as of April 21, 2021, Unalaska has not experienced a local outbreak associated with the potential widespread exposure on April 10, 2021; and

WHEREAS, COVID-19 continues to pose a grave and imminent threat to the health, safety, order and welfare to the residents of the City; and

WHEREAS, as of April 21, 2021, at least 3,695 persons are known to have been fully vaccinated for the virus by IFHS & Eastern Aleutian Tribes and APIA/Oonalaska Wellness in Unalaska; and

WHEREAS, although the COVID-19 vaccine serves as a vital tool in our efforts to slow the spread of the virus and keep our schools and businesses open, it is important that communities remain vigilant in practicing mitigation strategies and safety measures; and

WHEREAS, this resolution shall have the same effect as a rule issued by the City Manager pursuant to Unalaska Code of Ordinances § 2.96.040.

NOW THEREFORE BE IT RESOLVED:

**1. State Health Advisories.** Everyone in the City of Unalaska (the City) must follow all current Health Advisories issued by the State of Alaska related to COVID-19. Review this resolution carefully, as some local requirements are more restrictive than state regulations.

**2. Face Coverings.** All customers and visitors of businesses and organizations that are open and operating must wear face coverings over their nose and mouth to provide additional protection for employees and customers. Additionally, employees and volunteers of open businesses and organizations must wear face coverings when interacting with customers and visitors. The face coverings need not be medical-grade masks or N95 respirators, but can be cloth face coverings. Face coverings may be temporarily removed as necessary and incidental to utilizing the business or service.

A cloth face covering is a material that covers the nose and mouth. It can be secured to the head with ties or straps or simply wrapped around the lower face. It can be made of a variety of

materials, such as cotton, silk, or linen. A cloth face covering may be factory-made or sewn by hand, or can be improvised from household items such as scarfs, T-shirts, sweatshirts or towels.

A business owner or operator may refuse admission or service to any individual who fails to wear a face covering as required by this resolution.

### **3. Reserved.**

**4. Traveler Quarantine.** A person traveling into the City by vessel or airplane, from another community or port, must self-quarantine for 10 days upon arriving at their destination and monitor for symptoms of illness. A quarantine period of 7 days is permitted with a negative PCR test result. Under the 7-day option, the test must be taken no sooner than the 6<sup>th</sup> day of quarantine. A person may not exit quarantine until results are known. The self-quarantine period of 10 days or 7 days and a negative test is referred to as the traveler quarantine period.

No quarantine is required for travelers who have tested positive for COVID-19 within the past 3 months and who have recovered, as long as no new symptoms develop. No quarantine is required for travelers who have been fully vaccinated for at least 14 days prior to the date of travel.

People traveling for critical business purposes are required to follow their approved plan according to State Health Advisory No. 4 and Section 5 of this Resolution.

- a. Employees of businesses engaged in Essential Services or Critical Infrastructure industries, traveling to Unalaska to provide such services, must self-quarantine immediately upon arrival, but may work during the traveler quarantine period, subject to the requirements in this section.

If their employer has filed the required protocol with the City as required at Section 5, critical workforce employees may work during their self-quarantine period in accordance with that protocol.

For essential workers in the fishing industry who are covered by Health Advisory No. 4, Appendix 01 (Seafood Processing Workers), Appendix 02 (Independent Commercial Fishing Vessels) or Appendix 03 (Independent Commercial Harvesters) the worker's Entry Quarantine must meet or exceed the recommendations of Health Advisory No. 4 and any related appendices.

All workers under this critical workforce exception are required to self-quarantine during non-work hours within the traveler quarantine period. During the traveler quarantine period, workers are not permitted to have contact with City residents that is not strictly necessary to perform their work, must follow the self-quarantine requirements at section d., below, and are otherwise restricted to the campus, bunkhouse, or vessel where they reside.

- b. Patients or travelers arriving in Unalaska/Dutch Harbor, whose final destination is not Unalaska/Dutch Harbor, are required to self-quarantine during their stopover, but not remain here for the entire traveler quarantine period. This includes, but is not limited to, air travel.

- c. For individuals arriving on a vessel, time spent at sea is credited to the traveler quarantine period. The time at sea is counted from the time of departure from the last port of call, provided that no one has embarked or disembarked since that time. Commercial fishing vessel captains shall maintain a ship's log or equivalent record demonstrating compliance with State Health Advisories, including on board protective measures, and detailing all activities for which they seek credit for time at sea. For vessels subject to Health Advisory 4 and appendices, the Entry Quarantine standards must have been met in order to qualify for credit for time spent at sea.

For vessels that have been at sea over 10 days and no one has disembarked or boarded the vessel, no additional quarantine is required unless individuals are showing symptoms of COVID-19, including, but not limited to fever, chills, or respiratory symptoms. Vessels at sea for less than 10 days, where no one has disembarked or boarded the vessel, may complete their quarantine in port as long as quarantine is not broken for the remainder of the 10 days.

A positive COVID-19 test result from any crew member will negate any previously acquired at-sea credit, and all crew will be required to quarantine again if returning to Unalaska.

- d. Anyone who is required to self-quarantine must adhere to the following:
  - 1) A person in self-quarantine may leave the designated quarantine location for:
    - i. medical emergencies or to seek medical care;
    - ii. to travel in the person's personal vehicle or vessel, individually or with members of the person's household, without contacting others, so long as the person goes directly from the quarantine location to the vehicle or vessel and directly back to the quarantine location; and
    - iii. to participate in outdoor recreational activities (i.e. fishing, hiking) individually or with members of the person's household, without contacting others, so long as the person goes directly from the quarantine location to the recreational activity and directly back to the quarantine location.
  - 2) A person in self-quarantine may not visit any public spaces, including, but not limited to stores, pools, meeting rooms, fitness centers or restaurants.
  - 3) Visitors are not allowed in or out of the designated quarantine location other than a physician, healthcare provider, or individual authorized to enter the designated quarantine location by Unified Command.
  - 4) Comply with all rules or protocols related to your quarantine as set forth by your hotel or rented lodging.
  - 5) If a person is required to self-quarantine and there are other individuals in their residence, hotel room, or rented lodging, all persons in the quarantine location must comply with social distancing guidelines, sanitize regularly touched surfaces, and follow CDC best practices for hand washing.
- e. Travelers from other Alaskan communities, traveling to Unalaska on the Alaska Marine Highway System for critical personal needs, are exempt from the requirements of Section



4(d)(2) in that they may enter stores or businesses for critical personal needs. When not engaged in meeting critical personal needs, ferry travelers are required to follow self-quarantine requirements. Critical personal need is defined in State Health Advisory No. 3, issued February 14, 2021.

**5. Essential Services/Critical Infrastructure Safety Plans and Protocols.** Businesses identified as “essential services” or as “critical infrastructure” that are recommended to submit plans or protocols to the State under Health Advisory No. 4 are required to submit COVID-19 plans directly to the City if they are operating in Unalaska. The plans shall be in a format substantially similar to that recommended by State Health Advisory No. 4, or in a format approved by the City. Such businesses shall submit their plans, protocols, or relevant notifications to the City by email to [COVID19PLANS@ci.unalaska.ak.us](mailto:COVID19PLANS@ci.unalaska.ak.us).

The City has adopted by reference the Alaska Essential Services and Critical Workforce Order, Amended May 5, 2020 for purposes of defining “Critical Workforce,” “Essential Services,” and “Critical Infrastructure.” The definitions in the May 5 Order apply regardless of the revocations of the State Health Mandates 10, 10.1 and 18. The definition of Essential Services and Critical Infrastructure in Resolution 2020-73, § 4 is extended and remains effective as long as the local emergency declaration is in place.

**6. Business COVID-19 Protection Measures and Protocols.** All businesses and organizations open and operating within the City shall comply with all relevant State of Alaska Health Advisories. By remaining open during the COVID-19 pandemic, organizations and businesses are expressly granting consent for entry during business hours under Unalaska Code of Ordinances § 1.16.010. This consent is limited to inspections of the public portions of the business and is for the limited purpose of enforcing state and local laws related to COVID-19. It does not alter UCO § 1.16.010 with regard to other violations or investigations.

All businesses and organizations, other than state, federal or municipal government facilities, which are open to members of the public at a physical location within the City shall post “COVID-19 Protection Measures and Procedures” on all entrances to and exits from the business. The “COVID-19 Protection Measures and Procedures” shall include, at minimum:

- a. The sanitation measures taken by the business or organization to prevent the spread of COVID-19.
- b. The social distancing measures taken by the business or organization to prevent the spread of COVID-19.
- c. A description of a process for obtaining goods or services from the business or organization without entering the business, if such a process is at all feasible.
- d. A contact number for individuals to report any violations of these measures to the owner or designee.
- e. Clearly state that any person with symptoms consistent with COVID-19 may not enter the premises.

**7. Marine Tourism.** Marine tourism includes travel to Unalaska for non-essential purposes by state ferry, a cruise ship of any kind, or private vessel. Marine tourism passengers and providers are required to adhere to resolutions, ordinances, orders of the City Manager, or any other local mandates related to public safety during the COVID-19 pandemic. Such mandates include, but

are not limited to, the face covering requirement, traveler self-quarantine requirements, gathering size limitations, and industry safety protocol requirements. Local requirements are in addition to any laws, regulations, agreements or plans that apply to travelers, vessels, or businesses through the State of Alaska, the Center for Disease Control and Prevention (CDC), or the US Department of Homeland Security.

**8. Penalties.** Violation of this resolution is punishable as a misdemeanor under Unalaska Code of Ordinances § 2.96.090 and is a Public Nuisance, subject to the remedies in Unalaska Code of Ordinances, Title 11, Chapter 8, including prosecution as a minor offense.

**9. Effective Date; Expiration.** This resolution shall be effective at noon on Wednesday, April 28, 2021, and expires at noon on Wednesday, May 12, 2021. The City Council may extend it as necessary, or the City Manager may extend it or amend it pursuant to the emergency management powers under Unalaska Code of Ordinances § 2.96, and Resolution 2020-71. This resolution repeals and replaces any other inconsistent resolution or ordinance.

PASSED AND ADOPTED by a duly constituted quorum of the Unalaska City Council on April 27, 2021.

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Vincent M. Tutiakoff, Sr.  
Mayor

ATTEST:

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Roxanna Winters, CMC  
Acting City Clerk

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## MEMORANDUM TO COUNCIL

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To: Mayor and City Council Members  
From: Erin Reinders, City Manager  
Date: April 27, 2021  
Re: Resolution 2021-20: Continuing measures to protect public health

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**SUMMARY:** The local Risk Level was increased to High on April 12, 2021 due to potential widespread exposure on April 10, 2021. Council chose to not change the protective measures as a result of this increased level, but instead continued monitoring the situation. As of the drafting of this memo there has not been a local outbreak associated with the exposure. Focus remains on what we can do to protect the health of our community and not overwhelm our health care system. By doing so, we also protect our local economy. We have demonstrated that mitigation strategies work, and it is important that we remain diligent in our efforts. Additionally, the vaccine availability is on the rise, and now all those over the age of 16 are eligible for the vaccine. This resolution continues the community wide protective measures currently in place.

**PREVIOUS COUNCIL ACTION:** On March 18, 2020, the Unalaska City Council passed Resolution 2020-16, declaring a local emergency to remain in effect for so long as the declaration of a Public Health Disaster in the State of Alaska remains in effect.

Council approved Resolution 2020-17 on March 24, 2020. The focus of Resolution 2020-17 was on hunkering down, traveler quarantine and the closure of non-essential business. The resolution expired April 15.

Council approved Resolution 2020-19 on April 14, extending and clarifying the orders outlined in Resolution 2020-17, and instituted additional measures protecting the public health. The resolution expired April 29, 2020.

Council approved Resolution 2020-25 on April 28, extending the orders in Resolution 2020-19. This resolution expired May 13, 2020.

Council approved Resolution 2020-34 on May 12, extending the orders in Resolution 2020-25 and replacing the "Hunker Down" section with a "Social Distancing" section. This resolution expired May 27, 2020. Also on May 12, Council discussed the topic of Cruise Ships and the Alaska Marine Highway System passengers.

Council approved Resolution 2020-36 on May 26, extending and clarifying the orders in Resolution 2020-34 and specifically addressing the Alaska Marine Highway System. This resolution expired June 10, 2020.

Council approved Resolution 2020-38 on June 9, extending and clarifying the orders in Resolution 2020-36 and removed the reference to the Alaska Marine Highway System. This resolution expired June 24, 2020.

Council approved Resolution 2020-41 on June 23, extending the orders in Resolution 2020-38 and allowing for individuals in traveler self-quarantine to go outside or in their personal vehicles and vessels with certain limitations. This resolution expired July 15, 2020.

Council approved Resolution 2020-45 on July 14, extending the orders in Resolution 2020-41 and clarified that time at sea counted toward the 14 day traveler self-quarantine time period. This resolution expired July 29, 2020.

Council approved Resolution 2020-49 on July 28, extending the orders in Resolution 2020-45, and removed a number of the “whereas” background statements to focus on the mitigation strategies and reduce the length of the document. This resolution expired August 12, 2020.

Council approved Resolution 2020-51 on August 11, extending the orders in Resolution 2020-49. This resolution expired August 26, 2020.

Council approved Resolution 2020-54 on August 25, extending the orders in Resolution 2020-51. This resolution expired September 9, 2020.

Council approved Resolution 2020-58 on September 8, extending the orders in Resolution 2020-54. This resolution expired September 23, 2020.

Council approved Resolution 2020-63 on September 22, extending the orders in Resolution 2020-58. This resolution expired October 14, 2020.

Council approved Resolution 2020-66 on October 13, extending the orders in Resolution 2020-63. This resolution expired October 28, 2020.

Council approved Resolution 2020-70 on October 27, extending the orders in Resolution 2020-66. This resolution expired November 11, 2020.

Council approved Resolution 2020-71 on November 10, 2020 extending the local declaration of the public health emergency through June 30, 2021. On that same date, Council approved Resolution 2020-72, extending the orders in Resolution 2020-70 and revising it to provide additional clarity if there is a change the State’s declaration of emergency. This resolution expired November 25, 2020.

Council approved Resolution 2020-73 on November 24, 2020, extending and further clarifying the orders in Resolution 2020-72. This resolution was set to expire on December 9 so that Council could reconsider the action at the December 8 Council Meeting.

In response to the change in the local risk level, Council approved Resolution 2020-74 at a Special meeting on December 1, 2020 extending the orders in Resolution 2020-73 and adding sections addressing a hunker down order, limits to public gatherings, and temporarily closing in person service at bars and restaurants.

Council approved Resolution 2020-77 on December 15, 2020 extending the orders in Resolution 2020-73 and revising it to provide additional clarity if there is a change the State’s declaration of emergency. This resolution was set to expire on January 13, 2021. Council decided it would call a Special Meeting to reconsider the restrictions if the local risk level was changed before then. The allowance for time spent at sea to count toward the local traveler self-quarantine was removed.

In response to the change in the local risk level, Council approved Resolution 2020-79 at a Special meeting on December 30, 2020. This resolution removed the hunker down order and public gathering size restriction, allowed for in person service at bars and restaurants to open to 50% capacity, and added back in the allotment for time at sea to count toward the local traveler self-quarantine. Additional clarification was also included for critical infrastructure industries in the traveler quarantine section.

In response to the increase in the local risk level to High, Council approved Resolution 2021-01 at a Special meeting on January 8, 2021. This resolution reinstated the hunker down order and the limit to public gathering size, and temporarily stopped in person service at bars and restaurants.

Council approved Resolution 2021-04 at their regular meeting on January 12, 2021. This resolution removed the hunker down order; removed the temporary closure of in-person dining, allowed for exceptions to the public gather size for schools, places of worship, and bars/restaurants.

Council approved Resolution 2021-05 at their regular meeting on January 26, 2021. The resolution clarified that police and other city employee may enter businesses for the purposes of monitoring compliance with the resolution or state health orders.

Council approved Resolution 2021-09 at their regular meeting on February 9, 2021. The resolution addressed marine tourism and Alaskan residents traveling on the Ferry to access critical needs.

On February 10, 2021, the local Risk Level was reduced to Medium from High. A special meeting was scheduled for Council to consider Resolution 2021-10 removing the capacity restrictions currently in place. Council voted that resolution down given new information that would likely result in an increased risk level once again.

On February 23, 2021, Council approved Resolution 2021-11 extending previous protective measures, updating references to State Health Advisories and treating them as requirements, and updating Traveler Self Quarantine requirements to align with CDC guidance.

On March 3, 2021, Council approved Resolution 2021-13 at a Special Meeting extending many of the protective measures, removing limit to public gatherings because in response to the decreased Local Risk level, and updating Traveler Self Quarantine requirements to align with CDC guidance.

On March 23, 2021, Council approved Resolution 2021-15 extending previous protective measures. The resolution removed the three month time limitation for fully vaccinated individuals in the traveler quarantine section, based on updated guidance; and removed the passenger limit in taxis, consistent with the opening up of other business and gatherings.

On April 13, 2021, Council approved Resolution 2021-18 extending previous protective measures. Council chose to keep the measures as they were, even though the local Risk Level increased from Medium to High. The situation continued to be monitored.

**BACKGROUND:** The COVID-19 pandemic continues. Since November, the City has anticipated the state emergency declaration and regulations may lapse and has drafted its resolutions with

this in mind. The resolution is currently designed to protect the City similarly if the state has no COVID-19 protections in place. There may be unforeseen consequences borne out through experience. Those variables will continue to be assessed and appropriate changes will be made in local regulations.

On November 10, the City Council declared a local state of emergency through June 30, 2021, and has continued passing resolutions addressing local public health protective measures for the community.

The State of Alaska's COVID-19 disaster declaration was allowed to expire on February 14, 2021. However, the support infrastructure of the State's Unified Command remains. The State Legislature continues discussing a disaster declaration of some sort, but nothing final has been approved.

The State has issued four health advisories, listed below, addressing general safety, travel and critical infrastructure, with appendices focusing on the seafood industry. The advisories are based on the latest epidemiological data and expertise within the Alaska Department of Health and Social Services and outline best practices to continue mitigating the spread of COVID-19.

**Health Advisory 1 – Recommendations to Keep Alaskans Safe** – Addresses the safety measures Alaskans can take to mitigate the spread of COVID-19.

**Health Advisory 2 – International and Interstate Travel** – While Alaska resident and nonresident travelers will no longer be required to have pre-travel negative tests upon arrival, it is still considered one of the best mechanisms to track the virus and prevent community spread. The existing airport testing infrastructure will remain in place to protect Alaskans and visitors alike.

**Health Advisory 3 – Intrastate Travel** – Outlines expectations of communities for allowing travel Critical Infrastructure personnel, as well as for community members and Critical Personal needs. The advisory recommends COVID testing three days prior to travel to locations on the road system and the Alaska Marine Highway System. For locations off the road system and the Alaska Marine Highway System, a test is recommended for trips lasting longer than 72 hours before returning to a rural community. Without a test, strict social distancing should be followed.

**Health Advisory 4 – Critical Infrastructure** – The advisory provides clear guidance for Critical Infrastructure businesses operating in Alaska to protect both communities and industries. There are appendices for Seafood Processing Workers; Independent Commercial Fishing Vessels; and Independent Commercial Harvesters.

On March 1, 2021 the local Risk Level was reduced to Medium, but was increased to High on April 12, 2021 due to potential widespread exposure on April 10, 2021. Even with the increase in risk level, Council did not change the protective measures. Instead, they choose to monitor the situation. As of the drafting of this memo there has not been a local outbreak associated with the exposure. Since the pandemic began the risk level and the community wide protective measures have been addressed in a two-step process. Risk level is determined by Unified Command based on cases and related information. The community wide protective measures are approved by City Council resolution. Ultimately, the decisions on what is contained in the resolutions and when those details change are policy decisions made by Council.

Together, Unalaska has been able to keep multiple cases or outbreaks limited and isolated since the beginning of this pandemic. We have demonstrated that mitigation strategies work. No single

tool is enough. Hand washing, face coverings, getting the flu shot, keeping social circles small, and social distancing measures are effective strategies and things we can all do to help. These strategies are further complimented by other tools such as testing and contract tracing. The mitigation strategies outlined in local resolutions (face coverings, quarantine, and safety protocols) are other tools aimed to help us keep our community and economy healthy. As exposure to this virus increases locally, additional mitigation strategies (hunkering down, limits to gathering sizes, and closure of in person service at bars and restaurants) are also warranted and effective. All of these are further strengthened by statewide Health Advisories and the local protective measures instituted by other municipalities throughout the state.

We remain optimistic about the COVID-19 vaccine rollout and cooperative efforts that are underway. The vaccine is a game changing tool in our efforts to slow the spread of the virus, and keep our schools and businesses open. It is important that we remain vigilant in practicing other mitigation strategies and safety measures while more is learned about the benefits and additional guidance is provided by CDC and the State regarding the vaccine.

**DISCUSSION:** As of the drafting of this memo and resolution, the local Risk Level remains at High, but no local outbreak has been identified as of the drafting of the memo. This Resolution 2021-20 is set expire May 12, 2021 and will be revisited at the Council Meeting on May 11, 2021. The following protective measures from the previous resolution remain in this resolution, with any revisions noted:

- **State Health Advisories** - This section references and requires everyone in the City to follow the State's Health Advisories. This section has not changed.
- **Face Coverings** - Customers and visitors of businesses and organizations must wear a covering over their nose and mouth. Additionally, employees or volunteers of businesses and organizations to wear a face covering when interacting with customers or visitors. This section has not changed.
- **Traveler Self Quarantine** - Individuals traveling into the City by vessel or airplane must self-quarantine, with limited exceptions. This section has not changed.
- **Essential Services/Critical Infrastructure Safety Plans** - Businesses that are recommended to submit plans to the State as a result of Health Advisory 4, are required to submit those to the City if they are operating in Unalaska. This section has not changed.
- **Protective Protocols** - All business open to the public must post their basic measures to protect the public health on their doors. This section has not changed.
- **Marine Tourism** – This section provides guidance for those traveling for non-essential purposes on the state ferry, cruise ships or private vessels and clarifies that local safety protocols in this resolution do apply. This section has not changed.

**ALTERNATIVES:** Council may choose to approve, amend or disapprove this resolution. Ultimately, the decisions on what is contained in the resolutions addressing community wide protective measures – regardless of risk level – are policy decisions made by Council.

If the local Risk Level remains at High, Council may desire additional protective measures. The wording below could be added to Section 3 of the Resolution and would be similar to what Council

previously approved for restaurants, bars, and other establishments serving food and beverages to the public. At this phase in the pandemic, people should continue to exercise personal responsibility when considering both public and private gatherings. Additionally, with the coming of warmer weather, it will be possible to hold more such gatherings outside. Restrictions on places of worship have been removed due to a change in the way courts are treating those types of restrictions. Schools have been successful in mitigating the virus through their approved plans, and it is no longer necessary for the resolution to address schools. Thus, the general limitation on indoor public gatherings has been removed. Restaurants and bars continue to be a place where people gather indoors and by necessity remove their masks. While restrictions on those businesses are certainly challenging economically, restricting capacity remains an option if it is necessary to protect the community.

***Limitations on Indoor Capacity at Bars and Restaurants.*** Bars, restaurants and other establishments serving food or beverages to the public are subject to an indoor capacity limitation of up to 35% of maximum building occupancy or 10 people per room, whichever is greater, so long as 6 feet physical distance is maintained between tables. This in-person service is limited to sit-down table service only, with at least six feet of separation between customer tables. Tables shall be limited to 5 seats each or less. “Sit-down table service only” means no standing or seating at physical bars / bar tops. All patrons are required to be seated. United States Coast Guard vessels are exempt from “sit-down table service only” when occupying a closed establishment.

**FINANCIAL IMPLICATIONS:** Unknown at this time.

**LEGAL:** This resolution, like all the other resolutions protecting public health that Council has considered during this pandemic, was drafted in close collaboration with Sam Severin, one of our City Attorneys.

**STAFF RECOMMENDATION:** The City Manager recommends approval of the form of this resolution, as it has been developed based on Council discussions. Council may wish to alter some of the details based on further discussion.

**PROPOSED MOTION:** I move to approve Resolution 2021-20.



CITY OF UNALASKA  
UNALASKA, ALASKA

RESOLUTION 2021-21

A RESOLUTION OF THE UNALASKA CITY COUNCIL APPROVING SCHOLARSHIPS TO BE AWARDED TO GRADUATING SENIORS AT UNALASKA HIGH SCHOOL

WHEREAS, the Unalaska City Council deems it is in the best interest of the young people of Unalaska to seek further education and acquire additional skills; and

WHEREAS, students in the graduating class of 2021 submitted applications for scholarships to the Unalaska City School District; and

WHEREAS, the Unalaska City School District Scholarship Committee reviewed and scored each student's application; and

WHEREAS, the Scholarship Committee has recommended scholarship recipients and the amount of their corresponding scholarship.

NOW THEREFORE BE IT RESOLVED THAT the Unalaska City Council hereby awards a total of \$35,000 in scholarships to graduating seniors of the Unalaska City School District in the amounts recommended by the Scholarship Committee.

PASSED AND ADOPTED by a duly constituted quorum of the Unalaska City Council on April 27, 2021.

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Vincent M. Tutiakoff, Sr.  
Mayor

ATTEST:

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Roxanna F. Winters, CMC  
Acting City Clerk

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## MEMORANDUM TO COUNCIL

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To: Mayor and City Council Members  
From: Roxanna Winters, Acting City Clerk  
Through: Erin Reinders, City Manager  
Date: April 27, 2021  
Re: Resolution 2021-21, approving scholarships to be awarded to graduating seniors at Unalaska High School

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**SUMMARY:** Each year, the City Council awards scholarships to graduating seniors. The 2021 list of students and the amount of the corresponding awards was developed for Council's approval by the Unalaska City School District Scholarship Committee. By approving Resolution 2021-\_\_, Council awards scholarships to the students named and for the amounts identified by the Scholarship Committee.

**BACKGROUND:** Council approves a resolution each year approving scholarships to graduating seniors and included \$35,000 in the FY21 budget for this purpose.

**DISCUSSION:** In order for the scholarships to remain confidential in advance of the graduation ceremony, the resolution does not contain the names of the recipients or the individual amounts to be awarded. That list will be provided confidentially to Council at the meeting on April 27.

**ALTERNATIVES:** The Council has three alternatives:

1. Adopt Resolution 2021-21, approving scholarships to the named students in the amounts recommended by the committee;
2. Choose to award scholarships to a different roster of students for varied amounts; or
3. Choose not to award scholarships to graduating seniors.

**FINANCIAL IMPLICATIONS:** The FY21 Mayor and Council budget includes \$35,000 for this purpose.

**LEGAL:** None.

**STAFF RECOMMENDATION:** Staff recommends adoption of Resolution 2021-21.

**PROPOSED MOTION:** I move to adopt Resolution 2021-21.

**CITY MANAGER COMMENT:** I concur with the staff recommendation.

CITY OF UNALASKA  
UNALASKA, ALASKA

RESOLUTION 2021-22

A RESOLUTION OF THE UNALASKA CITY COUNCIL ESTABLISHING THE SUM TO BE MADE AVAILABLE FROM THE CITY OF UNALASKA TO THE UNALASKA CITY SCHOOL DISTRICT FOR FISCAL YEAR 2022

WHEREAS, the Unalaska City School District Fiscal Year 2022 Budget was received by the City of Unalaska by the April 1 deadline in accordance with UCO 2.98.090; and

WHEREAS, within 30 days after receipt of the school budget, the City of Unalaska is required by UCO 2.98.090 to determine the total amount of money to be made available from local sources for school purposes and make available to the Unalaska City School District Board of Education a statement of the sum to be made available; and

WHEREAS, failure to furnish the Board of Education with a statement of the sum to be available would automatically approve the amount requested in the budget by the Unalaska City School District; and

WHEREAS, by June 30 the City Council shall appropriate the amount of funds to be made available from local sources to the Unalaska City School District for educational purposes.

NOW THEREFORE BE IT RESOLVED that the City of Unalaska has established the sum to be made available for local funding of school purposes for fiscal year 2022 to be \$4,699,189, which includes \$3,666,376 for the maximum allowable local contribution and \$1,032,813 in funding beyond the set funding cap.

PASSED AND ADOPTED by a duly constituted quorum of the Unalaska City Council on April 27, 2021.

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Vincent M. Tutiakoff, Sr., Mayor  
Mayor

ATTEST:

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Roxanna Winters, CMC  
Acting City Clerk

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## MEMORANDUM TO COUNCIL

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To: Mayor and City Council Members  
From: Edward Keough, Finance Director  
Through: Erin Reinders, City Manager  
Date: April 12, 2021  
Re: Resolution 2021-22: A Resolution of the Unalaska City Council establishing the sum to be made available from the City of Unalaska to the Unalaska City School District for Fiscal Year 2022

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**SUMMARY:** Unalaska City Code 2.98.090 states that the School Board shall submit the school budget to the City Council by April 1<sup>st</sup> of each year. Within 30 days after receipt of the budget, the City Council must decide on the total to be made available from local sources for school purposes and provide the School Board notice of the amount to be made available. By submitting its budget on March 31, 2021, the school district met the requirements of code. Through Resolution 2021-22, Council will establish the level at which the City will fund the school district for FY22.

**PREVIOUS COUNCIL ACTION:** Each year Council adopts a resolution indicating the local contribution rate to be made to the School District for the upcoming fiscal year.

**BACKGROUND:** UCSD is basing their FY22 budget request on the Governor's proposed Base Student Allocation of \$5,930 which is a \$0 increase over FY2021. At the time of this writing, the Legislature is in session and there is a chance the BSA could change, in which case the Local Contribution Amount could also change, and only that amount would be paid to the Unalaska City School.

**DISCUSSION:** The School District submitted their budget on March 31, 2021 and will present their budget to Council on April 12, 2021. Council must indicate the level at which it intends to fund the District by May 1, the 30-day deadline set out in Title 2. Therefore, Council should adopt a resolution indicating the rate (Minimum Required Local Contribution or Maximum Allowable Local Contribution) at which they plan to authorize funding. The Council must appropriate funding by June 30, 2021. For several years, the School District has requested funding at the Maximum Allowable Contribution rate plus additional funding. In the past, Council has approved UCSD's requests for the maximum allowed by the cap and for funding that falls outside of the cap.

**ALTERNATIVES:** The Council has four alternatives:

1. If Council wishes to fund the full request that includes \$3,666,376 for the maximum contribution and \$1,032,813 in funding outside the cap, for a total of \$4,699,189. Resolution 2021-22 will be approved as presented.
2. If Council wishes to fund only at the minimum required local contribution rate, Resolution 2021-22 must be amended to reflect the minimum required level of \$2,089,440 in local funding.

3. If Council wishes to fund only the request for funding at the allowable maximum level, Resolution 2021-22 must be amended to reflect the maximum local contribution level of \$3,666,376.
4. If Council wishes to fund the District's request at a level beyond the minimum required level but less than the maximum amount, Resolution 2021-22 must be amended to reflect that amount at which Council chooses to fund the district.

**FINANCIAL IMPLICATIONS:** The School District's FY22 Maximum Local Contribution request is \$3,666,376, a 13.2% increase from the amount for FY21. The maximum local request for FY21 has been increased by \$428,900 due to an increase in this year's assessed valuation and enrollment. The funding level requested for FY2022 (and shown in the resolution) includes separate appropriations for community schools, preschool and food services. The additional funding that falls outside the cap totals \$1,032,813.

**LEGAL:** Not applicable.

**STAFF RECOMMENDATION:** Staff recommends that Council adopt a resolution which sets the funding level for FY2022.

**PROPOSED MOTION:** I move to adopt Resolution 2021-22.

**CITY MANAGER COMMENTS:** The Manager recommends Council approve Resolution 2021-22.

## FY22 LOCAL SCHOOL FUNDING CALCULATION

<b>REQUIRED LOCAL:</b>	<b>\$2,089,440</b>
<b>PLUS 23% OF BASIC NEED:</b>	<b><u>1,576,936</u></b>
<b>TOTAL</b>	<b><u>\$3,666,376</u></b>

CITY OF UNALASKA  
UNALASKA, ALASKA

ORDINANCE 2021-09

CREATING BUDGET AMENDMENT #7 TO THE FISCAL YEAR 2021 BUDGET, APPROPRIATING AN ADDITIONAL \$300,000 FROM THE WATER PROPRIETARY FUND FOR THE PYRAMID WTP CHLORINE UPGRADES PROJECT

BE IT ENACTED BY THE UNALASKA CITY COUNCIL:

- Section 1. Classification: This is a non-code ordinance.  
 Section 2. Effective Date: This Ordinance becomes effective upon adoption.  
 Section 3. Content: The City of Unalaska FY21 Budget is amended as follows:

- A. That the following sums of money are hereby accepted and the following sums of money are hereby authorized for expenditure.  
 B. The following are the changes by account line item:

**Amendment #7 to Ordinance #2020-10**

	<u>Current</u>	<u>Requested</u>	<u>Revised</u>
<b>I. OPERATING BUDGETS</b>			
<b>A. Water Proprietary Fund</b>			
Sources:			
Budgeted Use of Unrestricted Net Assets	\$ 1,160,088	\$ 300,000	\$ 1,460,088
Uses:			
Transfer to Enterprise Capital Project	\$ 259,735	\$ 300,000	\$ 559,735
<b>II. CAPITAL PROJECT BUDGETS</b>			
<b>A. Pyramid WTP Chlorine Upgrades Project</b>			
Sources:			
Transfer From Water Operating	\$ 100,000	\$ 300,000	\$ 400,000
Uses:			
Machinery & Equipment	\$ -	\$ 300,000	\$ 300,000

PASSED AND ADOPTED by a duly constituted quorum of the Unalaska City Council on \_\_\_\_\_, 2021.

\_\_\_\_\_  
Mayor

ATTEST:

\_\_\_\_\_  
City Clerk

**City of Unalaska**  
**Summary of Budget Amendment and Schedule of Proposed Accounts**  
**Budget Amendment 7 to the FY21 Budget**

- 1) Water Proprietary Fund - Operating Budget  
 Add \$300,000 to Transfers to Enterprise Capital Projects for the Pyramid WTP Chlorine Upgrades Project  
 Add \$300,000 to Budgeted Use of Unrestricted Net Assets
- 2) Capital Project - Pyramid WTP Chlorine Upgrades Project  
 Add \$300,000 to Machinery and Equipment for owner furnished materials  
 Add \$300,000 to Transfers from Proprietary Ops - Water Fund

	Org	Object	Project	Current	Requested	Revised
<b>1) <u>Water Proprietary Fund - Operating Budget</u></b>						
<b>Sources:</b>						
Budgeted Use of Unrestricted Net Assets	51015549	49910		\$ 1,160,088	\$ 300,000	\$ 1,460,088
<b>Uses:</b>						
Transfers To Enterprise Capital Project	51029854	59940		\$ 259,735	\$ 300,000	\$ 559,735
<b>2) <u>Capital Project Budgets - Water</u></b>						
<i>Pyramid WTP Chlorine Upgrades Project</i>						
<b>Sources:</b>						
Transfers From Proprietary Ops - Water	51119848	49130	WA21A	\$ 100,000	\$ 300,000	\$ 400,000
<b>Uses:</b>						
Machinery and Equipment	51125553	57400	WA21A	\$ -	\$ 300,000	\$ 300,000



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## MEMORANDUM TO COUNCIL

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To: Mayor and City Council Members  
From: Tom Cohenour, Director, Department of Public Works  
Through: Erin Reinders, City Manager  
Date: April 27, 2021  
Re: Ordinance 2021-09 - Creating Budget Amendment #7 to the Fiscal Year 2021 Budget, Appropriating an Additional \$300,000 from the Water Proprietary Fund for the Pyramid WTP Chlorine Upgrades Project

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**SUMMARY:** In order to achieve economy of scale between the PWTP Chlorine Upgrades Project and the PWTP Micro Turbines Project, staff is requesting \$300,000 to purchase Owner Furnished Materials for the Chlorine Upgrades Project and install them during the Micro Turbines Project construction. Funding will come from the Unrestricted Net Assets of the Water Proprietary Fund. Staff estimates a savings of up to \$200,000 if the Projects are constructed concurrently. If complications arise during the equipment procurement process or contractor negotiation that do not allow these projects to be constructed concurrently these savings will not be realized. However, without approval of this proposed Budget Amendment there is no chance of capturing these savings. Staff recommends approval.

**PREVIOUS COUNCIL ACTION:** This Project was funded at \$100,000 via the FY2021 Capital Budget appropriation Ordinance No. 2020-10, passed and adopted on June 9, 2020. Council has taken no other action on the Project.

**BACKGROUND:** This project was funded in order to move the Water Utility away from shipping chlorine gas used for potable water disinfection to Unalaska. Chlorine gas has been difficult to obtain, is becoming more regulated by the Federal Government, most likely will cause the Utility to be required to perform an expensive Corrosion Study and add a corrosion control inhibitor to the potable water supply, is inherently dangerous to bring to the Plant, and the machinery and equipment required to utilize it is both time consuming and expensive to operate and maintain. This Project funds the Utility's switch to on-site generation of liquid sodium hypochlorite (bleach), a much safer and cost-effective means of potable water disinfection. The machinery to be purchased is similar to that already in use at the Wastewater Treatment Plant and Aquatics Center.

**DISCUSSION:** This Budget Amendment request is driven by analysis that, if this project is constructed concurrently with the PWTP Micro Turbines Project, the City will realize a six figure cost savings over building both as standalone projects:

- materials and labor for components of the PWTP Micro Turbines Project would become unnecessary or require replacement when the Chlorine Upgrade Project is constructed

- the PWTP Micro Turbines Project requires a supplemental I/O panel for SCADA integration with chlorine gas injection, and this panel and the associated programming would not be required once the PWTP Chlorine Upgrade Project is constructed
- savings on mobilization and demobilization of a new construction crew if the machinery and equipment installation is integrated into the PWTP Micro Turbines Project
- reduced construction administration and inspection costs through project integration
- reduced bid support and bid selection costs

The funds requested will be used to purchase the generating equipment this fiscal year instead of in FY22 as the CMMP nomination set out in its timeline, and the request for FY22 funding will be reduced by this amount.

The City Engineer’s memo outlining the benefits of integrating the two Projects, including a detailed breakdown of estimated cost savings, is attached.

**ALTERNATIVES:** Council may elect to wait to fund the construction of this Project until FY22, per the current CMMP Nomination, or abandon the Project altogether. Staff believes neither of these options are in the best interests of the Water Utility, the City, or the Citizens of our community.

**FINANCIAL IMPLICATIONS:** Of the initial \$100,000 in funding, \$59,844 has been encumbered on a Purchase Order to the designer, Taku Engineering. There is \$40,156 remaining in the budget. Staff estimates it will cost \$300,000 to purchase the owner furnished equipment portion of this project. The portion of the project budget that would be effected by approving this Budget Amendment request is set forth below.

PWTP CHLORINE UPGRADES PROJECT WA21A				
SOURCE				
WATER PROPRIETARY FUND	G/L CODE	CURRENT	THIS REQUEST	REVISED BUDGET
BUDGETED USE OF UNRESTRICTED NET ASSETS	5101-5549-49910	\$ 1,160,088	\$ 300,000	\$ 1,460,088
USE				
	G/L CODE	CURRENT	THIS REQUEST	REVISED BUDGET
MACHINERY & EQUIPMENT	5112-5553-57400 WA21A	\$ -	\$ 300,000	\$ 300,000
		\$ -	\$ 300,000	\$ 300,000

**LEGAL:** Not applicable in this instance.

**STAFF RECOMMENDATION:** Staff recommends approval of this Budget Amendment to fund the purchase of Owner Furnished Materials for the PWPT Chlorine Upgrade Project allowing for the possibility to see substantial cost savings if procurement and contractor negotiations proceed as planned.

**PROPOSED MOTION:** “I move to approve Ordinance 2021-09”.

**CITY MANAGER COMMENTS:** I support this request and staff's recommendation. Staff reviewed this concept with Council at the April 12, 2021 Council meeting as part of the CMMP review. We have reduced the CMMP request for FY22 by \$300,000 to match this Budget Amendment for FY21.

**ATTACHMENTS:** Memo from Bob Cummings, City Engineer, to DPU Director Dan Winters, DPW Director Tom Cohenour, and Water Utility Supervisor Jeremiah Kirchhofer, dated April 6, 2021, with attachment



## MEMORANDUM

TO: Dan Winters, Public Utilities Director  
Tom Cohenour, Public Works Director

CC: Jeremiah Kirchhofer, Water Division Supervisor

FROM: Bob Cummings, City Engineer

DATE: April 6, 2021

SUBJECT: Pyramid Micro Turbines Project & Chlorine Upgrade Project Integration

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Currently the Pyramid Micro Turbines Project is scheduled to be constructed between October 1, 2021 and December 1, 2021 by Industrial Resources, Inc. (IRI). Roughly \$190,000 remains unencumbered in this project budget in the engineering, construction administration and contingency line items. The construction of this project was originally scheduled to be performed in October – December of 2020 but due to COVID and supplier delays the construction window was pushed back. Monies for final design and construction were appropriated in FY20.

The Chlorine Upgrade Project was appropriated \$100,000 for engineering design in FY21. To date approximately \$60,000 has been encumbered through a contract with Taku Engineering to do the engineering design for this project. The current CMMP is requesting \$881,500 for FY 22 to complete this project through equipment purchase and construction. As currently planned, the design and equipment selected by June. The equipment can be purchased and the advertisement of bids done in July with the contractor being selected in August and the project constructed in January of 2022. These two projects were originally planned to be constructed two years apart, but due to COVID and other factors, they are currently on schedule to be constructed three months apart.

However, there are likely significant cost savings if these projects can be integrated. Taku Engineering has estimated that more than \$200,000 can be saved if the projects are integrated versus if they are completed as stand-alone projects. The cost savings are a result of savings from the following sources:

- materials and labor for components of the microturbines project that would become unnecessary or require replacement when the chlorine upgrade project is constructed
- currently a supplemental I/O panel is required for SCADA integration with chlorine gas injection, but this panel and the associated programming would not be required with the chlorine upgrade project
- savings on mobilization and demobilization of a new construction crew
- reduced construction administration and inspection costs through project integration
- reduced bid support and bid selection costs

In addition to these cost savings there would other advantages such as less interruption to Water Division operations and the advantage of more immediate improved water quality through producing water that is less acidic due to the Chlorine Upgrade project.

Going forward there are two main options:

1. Status Quo – projects constructed at two different times as standalone projects
2. Project Integration – Projects constructed concurrently

### 1. Status Quo – Standalone

#### Advantages

1. Only relies on CMMP approval as proposed

#### Disadvantages

1. Increased cost
2. Additional bidding process required
3. Additional staff time required
4. Increased construction administration/ inspection
5. Increased disruption of Water Division operations
6. Delay of improved water quality

### 2. Project Integration – Concurrent Construction

In this option, a budget amendment would be required to move funds from chlorine upgrade project into the microturbines project budget. At a minimum the amount required for equipment purchase, approximately \$300,000, would be required to be transferred. This process would have to be completed by mid-May in order for this option to be feasible due to the lead time of this equipment. In preliminary talks with IRI they have expressed interest in performing the Chlorine Upgrade Project as a change order to their Microturbines Project contract.

#### Advantages

1. Decreased cost
2. Decreased staff time
3. Decreased construction administration/ inspection
4. Less disruption of Water Division operations
5. Delivery of improved water quality is expedited
6. No additional bidding process required

#### Disadvantages

1. Budget Amendment is required
2. Assumes CMMP funds will be approved for construction phase of the project
3. Design and Equipment delivery timelines are more critical

Due to the significant cost savings that can be achieved by integrating the Pyramid Micro Turbines and the Chlorine Upgrade Projects I would recommend that we seriously consider requesting a budget amendment to approve funds for the equipment purchase for the Chlorine Upgrade Project. This would not be a request for “additional” funds per se but rather a request to expedite the approval of funds as currently proposed on the CMMP. By expediting these funds, it is estimated that the City can save over \$200,000.

Enclosure: Sodium Hypochlorite Project Cost Analysis Standalone vs. Combined performed by Taku Engineering

**Combined Project ( PWTP Chlorine Upgrade & Microturbines)**

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**TURBINE CONSTRUCTION DEDUCTIONS**

<b>ITEM</b>	<b>QTY</b>	<b>UNIT PRICE</b>	<b>LABOR HRS</b>	<b>LABOR RATE</b>	<b>LODGING/PER DEIM</b>	<b>FREIGHT</b>	<b>TOTAL</b>
PLC	1 (Not in bid)		24	140		500	1500
Exist Chlorine System							5360
Commissioning (Boreal)	1	0	60	200		1500	0
Commissioning Standby (Other Crafts)	1	0	80	140		1000	0
Piping Demolition	1	500	20	140		1000	500
Piping Reconfiguration	1	8000	60	140		2000	1500
Field Wiring Devices	1	3000	40	140		1000	750
							<b>TOTAL</b>
							66110
							<b>CONTINGENCY (20%)</b>
							13222
							<b>TOTAL DEDUCTIONS</b>
							<b>\$79,332</b>

**CHLORINE ADDITIONS**

<b>ITEM</b>	<b>QTY</b>	<b>UNIT PRICE</b>	<b>LABOR HRS</b>	<b>LABOR RATE</b>	<b>LODGING/PER DEIM</b>	<b>FREIGHT</b>	<b>TOTAL</b>
Field Wiring Devices	1	1000	40	140		1000	750
Piping Demolition	1	500	40	140		1000	500
Piping Reconfiguration	1	8000	30	140		2000	1500
Demolition of Gaseous Chlorine System	1	500	40	140		750	500
Install of Sodium Hypochlorite Generators	2	1000	40	140		1000	500
Commissioning of New Sodium Hypochlorite System (Boreal)	1		40	200		1000	0
Commissioning Standby (Other Crafts)	1		40	140		1000	0
							<b>TOTAL</b>
							63700
							<b>CONTINGENCY (20%)</b>
							12740
							<b>TOTAL ADDITIONS</b>
							<b>\$76,440</b>

**TOTAL PROJECT INSTALLATION COST performed as a COMBINED project - \$2,892**  
**(Excluding Sodium Hypochlorite Generation Equipment)**

**Separate Projects (PWTP Chlorine Upgrade & Microtubines)**

**TEMPORARY TURBINE WORK REQUIRED**

<b>ITEM</b>	<b>QTY</b>	<b>UNIT PRICE</b>	<b>LABOR</b>	<b>LABOR RATE</b>	<b>LODGING/PER DEIM</b>	<b>FREIGHT</b>	<b>TOTAL</b>
PLC	1	25,000	24	140	500	1500	30360
Exist Chlorine System Commissioning (Boreal)	1	0	60	200	1500	0	13500
Commissioning Standby (Other Crafts)	1	0	80	140	1000	0	12200
Piping Demolition	1	500	20	140	1000	500	4800
Piping Reconfiguration	1	8000	60	140	2000	1000	19400
Field Wiring Devices	1	3000	40	140	1000	1000	10600
						<b>TOTAL</b>	<b>90860</b>
						<b>CONTINGENCY (20%)</b>	<b>18172</b>
						<b>REQUIRED TURBINE WORK</b>	<b>\$109,032</b>

**CHLORINE ADDITIONS**

<b>ITEM</b>	<b>QTY</b>	<b>UNIT PRICE</b>	<b>LABOR</b>	<b>LABOR RATE</b>	<b>LODGING/PER DEIM</b>	<b>FREIGHT</b>	<b>TOTAL</b>
Demolish Gaseous Chlorine and PLC Wiring	1	1000	20	140	750	500	5050
Field Wiring Devices	1	1000	40	140	1000	1000	8600
Piping Demolition	1	500	40	140	1000	500	7600
Piping Reconfiguration	1	8000	30	140	2000	1000	15200
Demolition of Gaseous Chlorine System	1	500	40	140	750	500	7350
Install of Sodium Hypochlorite Generators	2	1000	40	140	1000	500	9100
Commissioning of New Sodium Hypochlorite System (Boreal)	1	0	40	200	1000	0	9000
Commissioning Standby (Other Crafts)	1	0	40	140	1000		6600
Electrician Mob/Demob	1	2500	20	140	300	800	6400
Pipefitter Mob/Demob	1	2500	20	140	300	800	6400
Project Kickoff	1	0	8	140	0	0	1120
						<b>TOTAL</b>	<b>77370</b>
						<b>CONTINGENCY (20%)</b>	<b>15474</b>
						<b>TOTAL ADDITIONS</b>	<b>\$92,844</b>

**TOTAL PROJECT INSTALLATION COST performed as STANDALONE projects \$201,876**  
(Excluding Sodium Hypochlorite Generation Equipment)

**TOTAL PROJECT INSTALLATION COST performed as a COMBINED project -\$2,892**  
(Excluding Sodium Hypochlorite Generation Equipment)

**ADDITIONAL Cost of performing projects as STANDALONE versus COMBINED \$204,768**

# MICROCLOR

## The Next Generation

It is well known that chlorine is a powerful disinfectant used in water treatment and plays a vital role in controlling bacteria and viruses that can cause human illness.

More stringent regulations for transportation and storage of bulk chlorine or pressurized chlorine gas have required many to search for alternative methods of disinfection.

Onsite generation of sodium hypochlorite alleviates the safety concerns associated with storing and using bulk sodium hypochlorite or chlorine gas.



300 PPD

Systems Capable of 20 to 3600 Pounds  
per Day Chlorine Equivalent

The MicroClor vertical cell array (V-Ray) allows for the instantaneous passive removal of all hydrogen produced.

## Making Bleach Made Easy

- Low Cost Hypochlorite
- Enhanced Performance
- Small Footprint
- 24 Hour Service
- Safe
- Vertical V-Ray Cell Design
- Immediate Hydrogen Removal
- Reduce Scaling
- Low Maintenance

V-Ray  
Technology



# MICROCLOR



40 PPD

The state of the art patent pending Microclor onsite hypochlorite generation system is a brand new design built upon twenty years of dedicated research and development in the field of onsite hypochlorite generation.

The design incorporates all of the advantages of current industry standards while radically improving all safety aspects of the process. Specifically, the manner in which hydrogen is removed from the electrolytic cell is a huge improvement over more conventional horizontal tubular designs.

The MICROCLOR onsite hypochlorite generation system incorporates a multitude of unique features that are now patent pending. The most significant features are as follows:

1. Passive hydrogen removal.
2. Brine conductivity control.
3. Full wave D.C. rectification.
4. No cell electrode penetrations.
5. High velocity electrolyte flow.
6. Higher performance level.
7. Recirculating cell loop.
8. No internal cell baffles or gasketing.

There is no other onsite hypochlorite system in the marketplace today that possesses even one of the above advantages, no less all eight.

A brief discussion of each feature follows:

### Passive Hydrogen Removal

The V-Ray cells are configured in a vertical format with a recirculation loop on each cell that allows for optimized brine utilization and passive release of the hydrogen gas from each cell. Hydrogen gas is not allowed to pass from cell to cell. This design radically increases operator safety and substantially reduces the possibility of hydrogen gas build-up in the cell and the potential of catastrophic failure. Immediate hydrogen removal at the top of each cell loop greatly reduces electrode blinding and associated heat buildup.

### Brine Conductivity Control

Constant current is achieved via a current feedback loop where the brine pump speed is controlled by the system programmable logic controller. This feedback loop accounts for variations in temperature, conductivity and water flow. The titanium, Teflon impregnated gear pump is attached to a variable speed drive that continually provides a consistent blended electrolyte flow to the cells maximizing salt efficiency.

### Full Wave D.C. Rectification

The DC Rectifier design consists of a fully isolated step-down transformer and bridge rectifier. DC voltage is fixed with primary taps for + 5, 10% voltage correction. DC ripple is less than 4.0% with a power factor of 99% or better. Switching rectifier or phase angle fired SCR voltage correction technology is not utilized as this twenty year old technology has an excessively high failure rate.

### No Cell Electrode Penetrations

The V-Ray cells consist of thirteen internal bipolar electrodes while the cell outer plates serve as both terminating anode and cathode. All anodic surfaces are coated with DSA catalytic coating. The design of the cell precludes the need for wet D.C. cable connections or problematic O-ring seals.

### High Velocity Electrolyte Flow

The passive hydrogen gas removal provides a hydraulic lift within the V-Ray cell loop which causes a high velocity flow through the recirculation loop and across the V-Ray cell plates. This high velocity flow results in a scouring action between the vertically mounted V-Ray cell plates. This novel self cleaning feature virtually eliminates the need for acid cleaning of the electrolytic cells and reduces heat build up.

### Higher Performance Level

PSI's proprietary patent pending vertical V-Ray cell design provides for a far more efficient generation platform than the industry standard of 3.5 pounds salt and 2.5 KWH per pound chlorine equivalent.

The MICROCLOR vertical V-Ray cell produces hypochlorite at 0.8% while consuming less than 3 pounds of salt and 2.0 AC KWH per pound of equivalent chlorine.

There is no competitive open cell process available which is more efficient than the MICROCLOR System.

PSI welcomes a side by side comparison with any manufacturer claiming higher performance levels than MICROCLOR.

### No Internal Cell Baffles or Gasketing

There are no internal cell baffles, gaskets or fasteners found inside the cell. The cells are built with clear acrylic guides that support the internal bi-polar plates that allows for direct visual inspection of the plates. Anode and Cathode mono-polar plates are surface mounted to the outside of the acrylic guides.

### V-Ray Cell maintenance and replacement

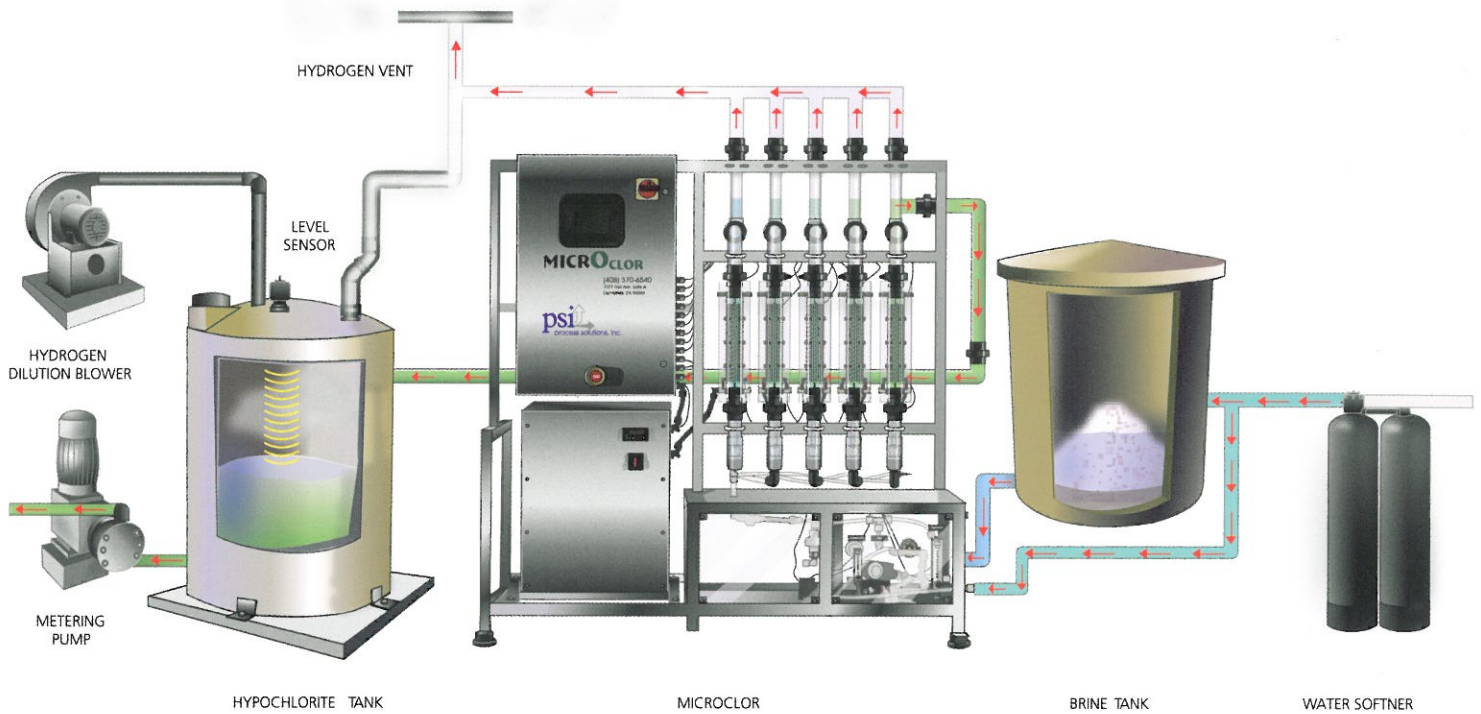
The Microclor vertical V-Ray cell design allows for the cell to easily be removed from the cell carrier piping by simply breaking two unions. This makes for simple cell maintenance and or replacement.

The Microclor design has taken into account every imaginable failure scenario including direct operator error in the handling of the process equipment.

Sequential operations logic is provided for all process variables where the change from standby to process is confirmed for all sensor locations at each start sequence. This auto diagnostic routine locks out generation in the event of sensor failure or electrical bypass.

Microclor hypochlorite systems meet requirements for 20 to 3600 pounds per day chlorine equivalent.

# The Next Generation Onsite Hypochlorite Generator



The MicroOclor is modular in design and based on standard components. These components may be customized to meet a wide range of requirements.

Standard components for the MicroOclor system include:

- Stainless Steel Skid Assembly
- Water Softener
- Brine Tank
- Brine Pump
- Electrolytic Cells
- Skid mounted PLC Control Panel
- D.C. Rectifier
- Hypochlorite Storage Tank
- Hypochlorite Metering Pump
- Hydrogen Dilution Blower

Model/Capacity	Cell Size W X H	# of Cells	H2O GPM	Brine GPM	DC Amps	KVA	FLA 208/240 1PH	FLA 480 3 PH
20	2 x 12	1	0.2	0.02	40	2.4	11.5/11	-
40	2 x 12	2	0.4	0.03	80	4.8	23/22	-
60	2 x 12	3	0.6	0.05	120	7.2	35/33.5	-
80	2 x 12	4	0.8	0.07	160	9.6	46/44	13
100	2 x 12	5	1	0.08	40	12	-	16
200	4 x 12	5	2	0.17	80	24	-	32
300	6 x 12	5	3	0.25	120	36	-	48
600	12 x 12	5	6	0.50	240	72	-	96
900	18 x 12	5	9	0.75	320	96	-	128
1200	24 x 12	5	12	1.00	480	144	-	192
1800	24 x 18	5	18	1.50	720	216	-	288

**Note: Typical Nominal Operating Amperage is 75% of Full Load Amperage**

Capacities: 20-3600 pounds per day free available chlorine.  
 Control: Automatic, regulated by storage tank level.  
 Percentage Sodium Hypochlorite: 0.8 + 0.05  
 Consumables per pound of chlorine produced:  
 3lbs salt, 2KWH (AC), 15 gallons water.  
 Water Input: Potable water, 30-80 PSI, 40°F-80°F (5°C-27°C)  
 Salt: 99.7% pure dry weight Morton White Crystal or equivalent.

Power: 20-80ppd systems - 208V or 240V AC, 1PH, 60HZ  
 80-1800ppd systems- 480V, 3PH, 60HZ  
 Control Cabinet: 304 stainless steel NEMA 4X  
 Operator Interface: 6" Color Touchscreen  
 Programmable Logic Controller: Allen Bradley 1200  
 Brine Tank & Hypochlorite Storage Tank shall be appropriately sized for each application.



# MICROCLOR

## The Next Generation

### Comprehensive Warranty

It is our policy to provide every customer with a state of the art, fully tested system. Each MicroClor Hypochlorite Generation System carries a full three-year support agreement covering all parts and labor. In addition, the electrolytic cells and cell housings are warranted on a prorated basis for years 4-7.

### Service & Support

PSI prides itself on our service and technical support. We offer complete support for your MicroClor Hypochlorite Generation System including all peripheral components. 24-7 phone support and next day parts are available for your MICROCLOR System. PSI guarantees next day field service, 7 days a week, with technicians located in all major markets plus an extensive factory trained representative network. If you need assistance, we're here to help.



1200 PPD

Represented by:



### WATER AND WASTEWATER TREATMENT TECHNOLOGIES

1077 Dell Avenue, Suite A, Campbell, CA 95008

Toll Free: (888) 774 4536 (PSI Help)

Telephone: (408) 370-6540 Fax: (408) 866-4660

Email: [mail@4psi.com](mailto:mail@4psi.com)

with offices in Clearwater, FL, Mesa, AZ, and Temecula, CA.