City of Bethel

P.O. BOX 1388
Bethel, Alaska 99559
Phone: 907- 543-2047
Fax: 907-543-3781

Regular City Council Meeting
August 12, 2014
6:30 P.M.
Council Chambers; Bethel, Alaska

City Council Meeting Agenda
Regularly Scheduled Meeting
August 12, 2014-6:30 pm
City Hall 300 State Highway, Bethel, AK
City of Bethel Council Chambers

Joseph Klejka
Mayor
Term Expires 2014
543-2984
jklejka@cityofbethel.net

Rick Robb
Vice Mayor
Term Expires 2015
543-1879
rrobb@cityofbethel.net

Mark Springer
Council Member
Term Expires 2015
545-1450
mspringer@cityofbethel.net

Eric Whitney
Council Member
Term Expires 2014
545-1309
ewhitney@cityofbethel.net

Sharon Sigmon
Council Member
Term Expires 2014
543-3452
ssigmon@cityofbethel.net

Heather Pike
Council Member
Term Expires 2015
444-7811
hpike@cityofbethel.net

Leif Albertson
Council Member
Term Expires 2015
543-2819
lalbertson@cityofbethel.net

Greg Moyer
Interim City Manager
543-2047
gmoyer@cityofbethel.net

Lori Strickler
City Clerk
543-1384
lstrickler@cityofbethel.net

Patty Burley
City Attorney

Paul Richards
Lobbyist
pmrichards@gci.net

I. **CALL TO ORDER**

II. **PLEDGE OF ALLEGIANCE**

III. **ROLL CALL**

IV. **PEOPLE TO BE HEARD** – Five minutes per person

V. **APPROVAL OF CONSENT AGENDA AND REGULAR AGENDA**

VI. **APPROVAL OF MEETING MINUTES**

a) **P3***July 22, 2014 Regular City Council Meeting

VII. **REPORTS OF STANDING COMMITTEES**

a) Public Safety and Transportation Commission
b) Port Commission
c) Planning Commission
d) Parks and Recreation Committee
e) Finance Committee
f) Public Works Committee
g) Energy Committee

VIII. **UNFINISHED BUSINESS**

a) **P19** Public Hearing Of Ordinance 14-12: Amending Bethel Municipal Code Chapter 13.16 Utility Rates (Mayor Klejka)
b) **P75** Public Hearing Of Ordinance 14-14(b): Amending The Adopted Annual FY 2015 Budget-*YK Aquatic Center Fund* (Interim City Manager Moyer)
c) **P81** Public Hearing Of Ordinance 14-14(c): Amending The Adopted Annual FY 2015 Budget-*Other Professional Services* (Interim City Manager Moyer)
d) **P85** Public Hearing Of Ordinance 14-17: Amending Section 4.20.100, Purchasing (Interim City Manager Moyer)
e) **P87** Public Hearing Of Ordinance 14-18: Acquisition Of Land Hoffman Fuels (Mayor Klejka)

IX. **NEW BUSINESS**

a) **P91** * Introduction Of Ordinance 14-16: Establishing Kuimavik As The Community Advisory Committee For The Yukon Kuskokwim Health And Training Center (Vice-Mayor Robb)
b) **P95** *Introduction Of Ordinance 14-19: Approving The Acquisition Of City Property/Land Located On US Survey 3790, Block 6, Lot 15D (Council Member Whitney)
c) **P99** *Introduction Of Ordinance 14-20: Approving The Re-Acquisition Of City Property/Land Located At Lot 1-A, Block 16, USS 3230 A & B, Bethel, Alaska (Council Member Whitney)
d) **P103** *AM 14-53: Training And Travel Request For City Attorney, September 9-September 15, 2014 (Council Member Sigmon)

Agenda posted on August 6, 2014, at City Hall, AC Co., Swansons, and the Post Office.

Lori Strickler, City Clerk's Office

(Items on the agenda noted with an asterisk (*) are considered the consent agenda.
All Resolutions noted with an asterisk (*) will automatically be adopted on the consent agenda unless removed from the consent agenda by Council.
Ordinances introduced with an asterisk (*) on the consent agenda will automatically be introduced and set for **Public Hearing August 26, 2014**)

e) **P119** AM 14-54: Accept And Adopt The Bethel Institutional Corridor Water System Feasibility Study Update Final Report (Interim City Manager Moyer)
f) **P121** City Council's Approval Of The City Manager Contract Of Employment And Relocation Agreement (Vice-Mayor Robb)
h) **P193** AM 14-56: Directing Administration to Bethel Sportsman Club Shotgun Range (Council Member Albertson)
i) *Personal Time Off Request For City Attorney, September 3 Through September 8, 2014 (Council Member Sigmon)

X. MAYOR'S REPORT
XI. MANAGER'S REPORT
XII. CLERK'S REPORT
XIII. COUNCIL MEMBER COMMENTS
XIV. EXECUTIVE SESSION

a) AS 44.62.310 (C) 1: Matters, The Immediate Knowledge Of Which Would Clearly Have An Adverse Effect Upon The Finances Of The Public Entity/Potential Litigation Regarding The Investigation Of Administrative and Personnel Matters As Authorized By The City Council, February 11, 2014 (Mayor Klejka)

XV. ADJOURNMENT

Agenda posted on August 6, 2014, at City Hall, AC Co., Swansons, and the Post Office.

Lori Strickler, City Clerk's Office
(Items on the agenda noted with an asterisk (*) are considered the consent agenda.
All Resolutions noted with an asterisk (*) will automatically be adopted on the consent agenda unless removed from the consent agenda by Council.
Ordinances introduced with an asterisk (*) on the consent agenda will automatically be introduced and set for **Public Hearing August 26, 2014**)

Approval of the Minutes

I. CALL TO ORDER

A Regular Meeting of the Bethel City Council was held on July 22, 2014 at 6:30pm, in the council chambers, Bethel, Alaska.

Mayor Klejka called the meeting to order at 6:30 pm.

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

Comprising a quorum of the Council, the following members were present:

Council Member Joseph Klejka, Council Member Rick Robb, Council Member Eric Whitney, Council Member Sharon Sigmon, Council Member Leif Albertson, Council Member Heather Pike

Members Absent were:
Council Member Mark Springer

Also in attendance were the following:
City Clerk Lori Strickler, Interim City Manager Greg Moyer, City Attorney Patty Burley

IV. PEOPLE TO BE HEARD

Dave Trantham –
Provided an update on the Territorial Guard Memorial Park. Thanked Buck Bukowski for all of his help and support in getting the Wall of Honor constructed.

V. APPROVAL OF THE CONSENT AND REGULAR AGENDA

Main Motion:	To approve the Consent and Regular Agenda.
Moved by:	Whitney
Seconded by:	Robb

Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Main Motion:	Remove Item B under Approval of Meeting Minutes from the agenda.
Moved by:	Robb
Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Remove from the Consent Agenda:	Remove Ordinances 14-14 (B), 14-14 (C) from the Consent Agenda
Moved by:	Robb

VI. APPROVAL OF THE MEETING MINUTES

Item A -7-8-2014 Regular City Council Meeting.

Main Motion:	Approve the Meeting Minutes.
Moved by:	Whitney
Seconded by:	Robb
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Primary Amendment:	Amend the meeting minutes under the 7th motion under Unfinished Business Item A, to strike reinstate and insert replace and to insert with after the section title.
Moved by:	Whitney
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

VII. REPORTS OF STANDING COMMITTEES

Item A - Port Commission –
Pete Williams, Port Director- The construction is moving along on the boat harbor. The Port Commission discussed one change in the design of the harbor.

Item B - Planning Commission –
Heather Pike, Council Representative-
The Planning Commission did not meet due to a lack of a quorum.

Item C - Public Safety and Transportation Commission-
Sharon Sigmon, Council Representative-
Meetings have not been held, no report to provide.

Item D - Energy Committee –
Richard Robb, Council Representative-
A meeting was not held due to a lack of a quorum.

Item E - Public Works Committee-
Joseph Klejka, Council Representative-
A meeting was not held due to a lack of a quorum.

Item F - Finance Committee-
Hansel Mathlaw, Finance Director –
Powers and duties of a committee meeting will be discussed at the next meeting. The Committee is also working on the sales tax revision, the swimming pool budget and Senior ID Cards.

Item G - Parks and Recreations Committee-
Eric Whitney, Council Representative-
Review the parks plan, and the trails working group suggestions.

VIII. UNFINISHED BUSINESS

Item A – Public Hearing Of Ordinance 14-12: Amending Bethel Municipal Code Chapter 13.16 Utility Rates.

Mayor Klejka opened the Public Hearing

David Trantham – Stated that in the long term, metering all parts of the system is the best option. Although it cannot be afforded currently, the City should progress to meters.

Mayor Klejka closed the Public Hearing

Main Motion:	A motion to approve Ordinance 14-12 was made on May 27th Council Meeting.
Moved by:	Pike
Seconded by:	Whitney

:	Postpone until the August 18th Special City Council Meeting.
Moved by:	Sharon
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

IX. NEW BUSINESS

Item A – Introduction Of Ordinance 14-14(b): Amending The Adopted Annual FY 2015 Budget-*YK Aquatic Center Fund.*

Main Motion:	Introduce Ordinance 14-14(b).
Moved by:	Whitney
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item B – Introduction Of Ordinance 14-14 (c): Amending The Adopted Annual FY 2015 Budget-*Other Professional Services.*

Main Motion:	Introduce Ordinance 14-14(c).
Moved by:	Pike
Seconded by:	Whitney
Action:	Motion carried by a vote of 5-1
In favor:	Klejka, Robb, Whitney, Albertson and Pike
Opposed:	Sigmon

:	Suspend the rules to hear from the Finance Director.
Moved by:	Whitney
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Main Motion:	Strike $38,380 and insert $12,280.
Moved by:	Albertson
Seconded by:	Robb
Action:	Motion failed by a vote of 2-4
In favor:	Sigmon and Albertson
Opposed:	Klejka, Robb, Whitney and Pike

:	Suspend the rules to hear from the Assistant Finance Director.
Moved by:	Albertson
Seconded by:	Robb
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item C- Introduction Of Ordinance 14-17: Amending Section 4.20.100, Purchasing.

Main Motion:	Introduce Ordinance 14-17.
Moved by:	Pike
Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item D – Introduction Of Ordinance 14-18: Acquisition Of Land Hoffman Fuels.

Main Motion:	Introduce Ordinance 14-18.
Moved by:	Whitney
Seconded by:	Sigmon
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item E – AM 14-50 Confirming The Appointment Of Andre Achee As The Bethel Police Department, Police Chief.

Main Motion:	Approve AM 14-50.
Moved by:	Sigmon
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item F – AM 14-51 Accept Rasmuson Foundation Grant To Cover Aquatic Center Furniture, Fixtures, And Equipment.

Main Motion:	Approve AM 14-51.
Moved by:	Robb

Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item G – AM 14-52 Approve State grant for $700K.

Main Motion:	Approve AM 14-52.
Moved by:	Whitney
Seconded by:	Robb
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item H - City Attorney Leave Request: ½ Day July 25, And All Day July 28, 2014.

Passed on the consent agenda.

XII. MAYOR'S REPORT

XIII. MANAGERS REPORT

XIV. CITY CLERK'S REPORT

XV. COUNCIL MEMBER COMMENTS

Council Member Sigmon-
Thanked Mr. Greg Moyer for all of his hard work.

Council Member Albertson-
Extended appreciation to the Interim City Manager for all of his hard work.

Council Member Pike-
Vote yes on 2 in November.

Mayor Klejka-
Congratulated Andre Achee on his appointment as Chief of Police.
Thanked Mr. Moyer for all of his hard work.

Council Member Whitney-
Thanked the Port Director for his looking out for the 60 year old couple that kayaked from the mouth of the Kuskokwim.

Vice-Mayor Robb-
Commercial fishing on the Kuskokwim opened last week; wished everyone the best of luck in their fishing.

XVI. ADJOURNMENT

Main Motion:	Adjourn
Moved by:	Pike
Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

The Council adjourned at 8:38p.

Joseph A. Klejka, Mayor

ATTEST:

Lori Strickler, City Clerk

Reports of Standing Committees

City of Bethel
Finance Committee Agenda

Monday, July 28, 2014 – 6:30 p.m. Council Chambers, Bethel, Alaska

Carol Ann Willard
Finance Committee Chair

Mike Shantz
Finance Committee Vice Chair

Leif Albertson
City Council Representative

Milanna Shear
Finance Committee Member

Dave Trantham, Jr.
Finance Committee Member

Jon Cochrane
Finance Committee Member

Delbert Egoak
Finance Committee Member

Vacant
Alternate Committee Member

Vacant
Alternate Committee Member

Hansel Mathlaw
Finance Director
543-1376
hmathlaw@cityofbethel.net

Tonya Hendrix
Assistant Finance Director
543-1375
thendrix@cityofbethel.net

Carole Jung
Recorder
543-3150
cjung@cityofbethel.net

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD Five minutes per person

IV. APPROVAL OF AGENDA

V. APPROVAL OF MINUTES of May 28, 2014 and June 23, 2014 Meetings.

VI. NEW BUSINESS

a. **Powers and Duties of a Committee Member-Trantham**

VII. OLD BUSINESS

a. **Sales Tax Revision- Finance Director**

b. **FY15 Swimming Pool Budget- Trantham**

c. **Senior ID Cards- Shantz**

VIII. COUNCIL REP. COMMENTS

IX. FINANCE DIRECTOR'S COMMENT

X. FINANCE COMMITTEE MEMBER COMMENTS

XI. ADJOURNMENT

Posted on July 22, 2014 at City Office, ~~AC co.~~ BNC, Corina's Case-lot, & Post Office

Carole Jung
Carole Jung, Recorder

City of Bethel

P.O. Box 1388 • Bethel, Alaska 99559-1388
907-543-3150
Fax # 543-3817
Website: www.cityofbethel.org

REGULAR MEETING AGENDA
ENERGY COMMITTEE
Monday, August 4, 2014 – 6:30 p.m.
City Hall Council Chambers, Bethel, AK

Members

Mary Weiss
Chair

Shari Neth
Vice Chair

Richard Robb

Jeff Sanders

Eddie Stanley

Alternate Members

Ex-Officio Member

Libby Furlong

I. Call to Order

II. Roll Call

III. People to be Heard

IV. Approval of Agenda
- -Agenda May 5, 2014
- -Agenda June 2, 2014
- -Agenda July 7, 2014
- -Agenda August 4, 2014

V. Approval of Meeting Minutes
- -Regular Meeting April 7, 2014
- -Regular Meeting May 5, 2014
- -Regular Meeting June 2, 2014
- -Regular Meeting July 7, 2014

VI. Unfinished Business

A. Update Alternative Energy Report
B. Municipal Solid Waste Gasification

VII. New Business

A. Consideration of becoming a member of Renewable Energy Alaska Project
B. Modification of ongoing agenda to consider inclusion of continued news related to Alternate Energy

VIII. Committee Member Comments

IX. Adjournment

Libby Furlong

Agenda Posted July 28, 2014 at USPS, AC, Swanson's, and City Hall

Unfinished Business

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance #14-12

AN ORDINANCE AMENDING BETHEL MUNICIPAL CODE SECTION 13.16 UTILITY RATES

THEREFORE BE IT ORDAINED by the City Council of Bethel, Alaska, that the Bethel Municipal Code shall be amended and revised as follows:

SECTION 1. Classification. This ordinance is of a permanent nature and shall become part of the Bethel Municipal Code.

SECTION 2. Amendment The Bethel Municipal Code Chapter 13.16, is amended as follows (new language is underlined and ~~old language is stricken out~~):

Chapter 13.16
Utility Rates

13.16.010 Definitions

A. "Hauled Water Zone One (1)" as E ¼ Sec 6,E ¼ Sec 7, E ¼ Sec 18, T8N,R71W,SM Sec 4-5, Sec 8-10, Sec 15-17, T8N, R71 W, SM, as identified in the Hauled Water Zone Map available at the City Offices.

B. "Hauled Water Zone Two (2)" as W ¾ Sec 6, W ¾ Sec 7, W ¾ Sec 18, T8N,R71W, SM, Sec 1, Sec 11-12, Sec 13-14, Sec 23-24, R72W, SM, as identified in the Hauled Water Zone Map available at the City Offices.

C. "Regular Business Hours" means the days and hours the city's administrative offices are open to provide general services to the public, excluding weekends and holidays.

D. "Residential" means a building or group of buildings, containing no more than two (2) separate living quarters all having complete living facilities designed for long-term human habitation.

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

13.16.020 Water service.

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

~~A. In addition to usage charges under subsections B and H of this section, water customers shall pay five dollars ($5) monthly per water subscription for facility charges to recover the cost of water system capital improvements and depreciation.~~

A. In addition to usage charges under subsections B, C and ~~H~~ F of this section, water customers shall pay eight dollars ($8) monthly per water subscription for facility charges to recover the cost of water system capital improvements and depreciation.

~~B. Residential/commercial water delivery services for outside fill with an overflow involving the following capacities, frequencies and rate charges:~~

~~Utility Rate Sheet~~

-

~~Capacity~~	~~Frequency~~	Hauled Water Zone 1	Sewer
~~100 Gallons~~	~~1 time per month~~	~~$ 11.83~~	~~$ 10.70~~
-	~~2 times per month~~	~~$ 27.90~~	~~$ 21.40~~
-	~~1 time per week~~	~~$ 40.27~~	~~$ 42.79~~
-	~~2 times per week~~	~~$ 64.86~~	~~$ 85.57~~
-	~~3 times per week~~	~~$ 74.73~~	~~$ 128.35~~
-	~~4 times per week~~	~~$ 102.72~~	~~$ 171.13~~
-	-	-	-
~~150 Gallons~~	~~1 time per month~~	~~$ 13.75~~	~~$ 13.64~~
-	~~2 times per month~~	~~$ 28.04~~	~~$ 27.27~~
-	~~1 time per week~~	~~$ 57.21~~	~~$ 54.53~~
-	~~2 times per week~~	~~$ 116.66~~	~~$ 109.06~~

-	~~3 times per week~~	~~$ 178.33~~	~~$ 163.58~~
-	~~4 times per week~~	~~$ 242.25~~	~~$ 218.11~~
-	-	-	-
~~200 Gallons~~	~~1 time per month~~	~~$ 15.89~~	~~$ 14.64~~
-	~~2 times per month~~	~~$ 32.52~~	~~$ 29.28~~
-	~~1 time per week~~	~~$ 66.49~~	~~$ 58.56~~
-	~~2 times per week~~	~~$ 135.88~~	~~$ 117.11~~
-	~~3 times per week~~	~~$ 208.18~~	~~$ 175.67~~
-	~~4 times per week~~	~~$ 283.34~~	~~$ 234.22~~
-	-	-	-
~~250 Gallons~~	~~1 time per month~~	~~$ 17.90~~	~~$ 15.64~~
-	~~2 times per month~~	~~$ 36.67~~	~~$ 31.27~~
-	~~1 time per week~~	~~$ 75.08~~	~~$ 62.54~~
-	~~2 times per week~~	~~$ 153.67~~	~~$ 125.08~~
-	~~3 times per week~~	~~$ 235.77~~	~~$ 187.62~~
-	~~4 times per week~~	~~$ 321.37~~	~~$ 250.16~~
-	-	-	-
~~300 Gallons~~	~~1 time per month~~	~~$ 19.74~~	~~$ 16.65~~
-	~~2 times per month~~	~~$ 40.48~~	~~$ 33.29~~
-	~~1 time per week~~	~~$ 82.97~~	~~$ 66.57~~
-	~~2 times per week~~	~~$ 170.02~~	~~$ 133.14~~
-	~~3 times per week~~	~~$ 261.11~~	~~$ 199.71~~
-	~~4 times per week~~	~~$ 356.72~~	~~$ 266.28~~
-	-	-	-
~~350 Gallons~~	~~1 time per month~~	~~$ 21.40~~	~~$ 17.65~~
-	~~2 times per month~~	~~$ 43.94~~	~~$ 35.30~~

-	~~1 time per week~~	~~$ 90.17~~	~~$ 70.60~~
-	~~2 times per week~~	~~$ 184.90~~	~~$ 141.20~~
-	~~3 times per week~~	~~$ 284.24~~	~~$ 211.79~~
-	~~4 times per week~~	~~$ 388.16~~	~~$ 282.39~~
-	-	-	-
~~400 Gallons~~	~~1 time per month~~	~~$ 22.91~~	~~$ 18.66~~
-	~~2 times per month~~	~~$ 47.07~~	~~$ 37.32~~
-	~~1 time per week~~	~~$ 96.66~~	~~$ 74.63~~
-	~~2 times per week~~	~~$ 198.35~~	~~$ 149.25~~
-	~~3 times per week~~	~~$ 305.12~~	~~$ 223.88~~
-	~~4 times per week~~	~~$ 416.91~~	~~$ 298.50~~
-	-	-	-
~~450 Gallons~~	~~1 time per month~~	~~$ 24.25~~	~~$ 19.67~~
-	~~2 times per month~~	~~$ 49.87~~	~~$ 39.33~~
-	~~1 time per week~~	~~$ 102.42~~	~~$ 78.66~~
-	~~2 times per week~~	~~$ 210.36~~	~~$ 157.31~~
-	~~3 times per week~~	~~$ 323.75~~	~~$ 235.96~~
-	~~4 times per week~~	~~$ 442.61~~	~~$ 314.61~~
	-	-	-
~~500 Gallons~~	~~1 time per month~~	~~$ 25.41~~	~~$ 20.67~~
-	~~2 times per month~~	~~$ 52.28~~	~~$ 41.34~~
-	~~1 time per week~~	~~$ 107.52~~	~~$ 82.68~~
-	~~2 times per week~~	~~$ 220.91~~	~~$ 165.36~~
-	~~3 times per week~~	~~$ 340.14~~	~~$ 248.04~~
-	~~4 times per week~~	~~$ 465.22~~	~~$ 330.72~~
-	-	-	-

~~550 Gallons~~	~~1 time per month~~	~~$ 28.42~~	~~$ 21.67~~
-	~~2 times per month~~	~~$ 58.53~~	~~$ 43.34~~
-	~~1 time per week~~	~~$ 120.44~~	~~$ 86.67~~
-	~~2 times per week~~	~~$ 247.61~~	~~$ 173.34~~
-	~~3 times per week~~	~~$ 381.55~~	~~$ 260.00~~
-	~~4 times per week~~	~~$ 522.21~~	~~$ 346.67~~
-	-	-	-
~~600 Gallons~~	~~1 time per month~~	~~$ 29.38~~	~~$ 22.68~~
-	~~2 times per month~~	~~$ 60.45~~	~~$ 45.35~~
-	~~1 time per week~~	~~$ 124.35~~	~~$ 90.70~~
-	~~2 times per week~~	~~$ 255.59~~	~~$ 181.39~~
-	~~3 times per week~~	~~$ 393.73~~	~~$ 272.09~~
-	~~4 times per week~~	~~$ 538.75~~	~~$ 362.78~~
-	-	-	-
~~650 Gallons~~	~~1 time per month~~	~~$ 33.27~~	~~$ 23.69~~
-	~~2 times per month~~	~~$ 68.57~~	~~$ 47.37~~
-	~~1 time per week~~	~~$ 141.25~~	~~$ 94.73~~
-	~~2 times per week~~	~~$ 290.68~~	~~$ 189.45~~
-	~~3 times per week~~	~~$ 448.34~~	~~$ 284.17~~
-	~~4 times per week~~	~~$ 614.18~~	~~$ 378.89~~
	-	-	-
~~700 Gallons~~	~~1 time per month~~	~~$ 34.36~~	~~$ 24.69~~
-	~~2 times per month~~	~~$ 70.79~~	~~$ 49.38~~
-	~~1 time per week~~	~~$ 145.79~~	~~$ 98.75~~
-	~~2 times per week~~	~~$ 299.93~~	~~$ 197.50~~
-	~~3 times per week~~	~~$ 406.58~~	~~$ 296.25~~

-	~~4 times per week~~	~~$ 633.40~~	~~$ 395.00~~
-	-	-	-
~~750 Gallons~~	~~1 time per month~~	~~$ 35.48~~	~~$ 25.70~~
-	~~2 times per month~~	~~$ 73.08~~	~~$ 51.39~~
-	~~1 time per week~~	~~$ 150.47~~	~~$ 102.78~~
-	~~2 times per week~~	~~$ 309.48~~	~~$ 205.56~~
-	~~3 times per week~~	~~$ 477.08~~	~~$ 308.34~~
-	~~4 times per week~~	~~$ 653.21~~	~~$ 411.12~~
-	-	-	-
~~800 Gallons~~	~~1 time per month~~	~~$ 40.81~~	~~$ 26.70~~
-	~~2 times per month~~	~~$ 84.29~~	~~$ 53.39~~
-	~~1 time per week~~	~~$ 173.79~~	~~$ 106.77~~
-	~~2 times per week~~	~~$ 358.05~~	~~$ 213.53~~
-	~~3 times per week~~	~~$ 552.79~~	~~$ 320.29~~
-	~~4 times per week~~	~~$ 749.30~~	~~$ 427.06~~
-	-	-	-
~~850 Gallons~~	~~1 time per month~~	~~$ 42.14~~	~~$ 27.70~~
-	~~2 times per month~~	~~$ 86.99~~	~~$ 55.40~~
-	~~1 time per week~~	~~$ 179.29~~	~~$ 110.80~~
-	~~2 times per week~~	~~$ 369.29~~	~~$ 221.59~~
-	~~3 times per week~~	~~$ 569.99~~	~~$ 332.38~~
-	~~4 times per week~~	~~$ 781.39~~	~~$ 443.17~~
	-	-	-
~~900 Gallons~~	~~1 time per month~~	~~$ 43.50~~	~~$ 28.71~~
-	~~2 times per month~~	~~$ 89.76~~	~~$ 57.41~~
-	~~1 time per week~~	~~$ 184.94~~	~~$ 114.82~~

-	~~2 times per week~~	~~$ 380.82~~	~~$ 229.64~~
-	~~3 times per week~~	~~$ 587.63~~	~~$ 344.46~~
-	~~4 times per week~~	~~$ 805.36~~	~~$ 459.28~~
-	-	-	-
~~1,000 Gallons~~	~~1 time per month~~	~~$ 46.32~~	~~$ 30.72~~
-	~~2 times per month~~	~~$ 95.51~~	~~$ 61.44~~
-	~~1 time per week~~	~~$ 196.69~~	~~$ 122.88~~
-	~~2 times per week~~	~~$ 404.76~~	~~$ 245.76~~
-	~~3 times per week~~	~~$ 624.22~~	~~$ 368.63~~
-	~~4 times per week~~	~~$ 855.04~~	~~$ 491.51~~
	-	-	-
~~1,200 Gallons~~	~~1 time per month~~	~~$ 55.45~~	~~$ 34.74~~
-	~~2 times per month~~	~~$ 114.54~~	~~$ 69.48~~
-	~~1 time per week~~	~~$ 236.29~~	~~$ 138.95~~
-	~~2 times per week~~	~~$ 487.04~~	~~$ 277.89~~
-	~~3 times per week~~	~~$ 751.42~~	~~$ 416.84~~
-	~~4 times per week~~	~~$ 1,015.55~~	~~$ 555.78~~
-	-	-	-
~~1,400 Gallons~~	~~1 time per month~~	~~$ 64.58~~	~~$ 38.76~~
-	~~2 times per month~~	~~$ 133.56~~	~~$ 77.51~~
-	~~1 time per week~~	~~$ 275.89~~	~~$ 155.02~~
-	~~2 times per week~~	~~$ 569.33~~	~~$ 310.03~~
-	~~3 times per week~~	~~$ 878.63~~	~~$ 465.05~~
-	~~4 times per week~~	~~$ 1,176.05~~	~~$ 620.06~~
-	-	-	-
~~1,500 Gallons~~	~~1 time per month~~	~~$ 78.52~~	~~$ 40.77~~

-	~~2 times per month~~	~~$ 157.04~~	~~$ 81.54~~
-	~~1 time per week~~	~~$ 314.08~~	~~$ 163.08~~
-	~~2 times per week~~	~~$ 628.15~~	~~$ 326.15~~
-	~~3 times per week~~	~~$ 942.23~~	~~$ 489.22~~
-	~~4 times per week~~	~~$ 1,256.30~~	~~$ 652.29~~
-	-	-	-
~~1,750 Gallons~~	~~1 time per month~~	~~$ 89.84~~	~~$ 45.80~~
-	~~2 times per month~~	~~$ 179.67~~	~~$ 91.59~~
-	~~1 time per week~~	~~$ 359.35~~	~~$ 183.17~~
-	~~2 times per week~~	~~$ 718.69~~	~~$ 366.34~~
-	~~3 times per week~~	~~$ 1,078.03~~	~~$ 549.51~~
-	~~4 times per week~~	~~$ 1,437.37~~	~~$ 732.68~~
-	-	-	-
~~2,000 Gallons~~	~~1 time per month~~	~~$ 101.16~~	~~$ 50.82~~
-	~~2 times per month~~	~~$ 202.31~~	~~$ 101.64~~
-	~~1 time per week~~	~~$ 404.62~~	~~$ 203.27~~
-	~~2 times per week~~	~~$ 809.23~~	~~$ 406.54~~
-	~~3 times per week~~	~~$ 1,213.84~~	~~$ 609.80~~
-	~~4 times per week~~	~~$ 1,618.44~~	~~$ 813.07~~
-	-	-	-
~~2,500 Gallons~~	~~1 time per month~~	~~$ 123.79~~	~~$ 60.87~~
-	~~2 times per month~~	~~$ 247.58~~	~~$ 121.74~~
-	~~1 time per week~~	~~$ 495.15~~	~~$ 243.47~~
-	~~2 times per week~~	~~$ 990.30~~	~~$ 486.93~~
-	~~3 times per week~~	~~$ 1,485.45~~	~~$ 730.39~~
-	~~4 times per week~~	~~$ 1,980.59~~	~~$ 973.85~~

-	-	-	-
~~3,000 Gallons~~	~~1 time per month~~	~~$ 146.42~~	~~$ 70.92~~
-	~~2 times per month~~	~~$ 292.85~~	~~$ 141.83~~
-	~~1 time per week~~	~~$ 585.69~~	~~$ 283.66~~
-	~~2 times per week~~	~~$ 1,171.38~~	~~$ 567.32~~
-	~~3 times per week~~	~~$ 1,757.06~~	~~$ 850.97~~
-	~~4 times per week~~	~~$ 2,342.74~~	~~$ 1,134.63~~
	-	-	-
~~3,500 Gallons~~	~~1 time per month~~	~~$ 169.06~~	~~$ 80.97~~
-	~~2 times per month~~	~~$ 338.11~~	~~$ 161.93~~
-	~~1 time per week~~	~~$ 676.23~~	~~$ 323.86~~
-	~~2 times per week~~	~~$ 1,352.45~~	~~$ 647.71~~
-	~~3 times per week~~	~~$ 2,028.68~~	~~$ 971.56~~
-	~~4 times per week~~	~~$ 2,704.89~~	~~$ 1,295.41~~

~~A~~ B. Hauled water delivery services for zone one, involving the following capacities, frequencies, extra call charges and rates are:

Zone 1 Hauled Water Rates

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

Monthly Rates Zone 1, Hauled Water FY2015 Through June 30, 2015

Capacity	1 time/month	2 times/month	1 time per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$18.71	$32.58	$64.95	$125.07	$185.19	$245.30	-
150	$20.05	$35.26	$70.77	$136.70	$202.63	$268.57	-
200	$21.39	$37.95	$76.58	$148.33	$220.08	$291.83	$66.15
250	$22.73	$40.63	$82.40	$159.97	$237.53	$315.10	$67.49
300	$24.08	$43.32	$88.22	$171.60	$254.98	$338.36	$68.83
350	$25.42	$46.00	$94.03	$183.23	$272.43	$361.63	$70.17
400	$26.76	$48.69	$99.85	$194.86	$289.88	$384.89	$71.52
450	$28.10	$51.37	$105.66	$206.49	$307.32	$408.15	$72.86
500	$29.44	$54.06	$111.48	$218.13	$324.77	$431.42	$74.20
550	$30.79	$56.74	$117.30	$229.76	$342.22	$454.68	$75.54
600	$32.13	$59.42	$123.11	$241.39	$359.67	$477.95	$76.88
650	$33.47	$62.11	$128.93	$253.02	$377.12	$501.21	$78.23
700	$34.81	$64.79	$134.74	$264.65	$394.56	$524.47	$79.57
750	$36.16	$67.48	$140.56	$276.29	$412.01	$547.74	$80.91
800	$37.50	$70.16	$146.38	$287.92	$429.46	$571.00	$82.25
850	$38.84	$72.85	$152.19	$299.55	$446.91	$594.27	$83.60
900	$40.18	$75.53	$158.01	$311.18	$464.36	$617.53	$84.94
1000	$42.87	$80.90	$169.64	$334.45	$499.25	$664.06	$87.62
1200	$48.23	$91.64	$192.90	$380.98	$569.05	$757.12	$92.99
1400	$53.60	$102.37	$216.17	$427.50	$638.84	$850.17	$98.36
1500	$56.29	$107.74	$227.80	$450.77	$673.73	$896.70	$101.04
1750	$63.00	$121.16	$256.88	$508.93	$760.98	$1,013.02	$107.75
2000	$69.71	$134.59	$285.96	$567.09	$848.22	$1,129.34	$114.47
2500	$83.13	$161.43	$344.12	$683.41	$1,022.70	$1,361.99	$127.89
3000	$96.55	$188.27	$402.28	$799.73	$1,197.18	$1,594.63	$141.31
3500	$109.97	$215.12	$460.44	$916.05	$1,371.66	$1,827.27	$154.73
4000	$134.59	$264.34	$567.09	$1,129.34	$1,691.60	$2,253.85	$224.10
5000	$161.43	$318.02	$683.41	$1,361.99	$2,040.56	$2,719.14	$250.94
6000	$188.27	$371.71	$799.73	$1,594.63	$2,389.53	$3,184.42	$277.78
7000	$215.12	$425.40	$916.05	$1,827.27	$2,738.49	$3,649.71	$304.63

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

Monthly Rates Zone 1, Hauled Water FY2016 July 1, 2015 through June 30, 2016

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$20.20	$35.19	$70.15	$135.07	$200.00	$264.93	-
150	$21.65	$38.09	$76.43	$147.64	$218.85	$290.05	-
200	$23.10	$40.99	$82.71	$160.20	$237.69	$315.18	$71.44
250	$24.55	$43.88	$88.99	$172.76	$256.53	$340.30	$72.89
300	$26.00	$46.78	$95.27	$185.33	$275.38	$365.43	$74.34
350	$27.45	$49.68	$101.55	$197.89	$294.22	$390.56	$75.79
400	$28.90	$52.58	$107.84	$210.45	$313.07	$415.68	$77.24
450	$30.35	$55.48	$114.12	$223.01	$331.91	$440.81	$78.69
500	$31.80	$58.38	$120.40	$235.58	$350.75	$465.93	$80.14
550	$33.25	$61.28	$126.68	$248.14	$369.60	$491.06	$81.59
600	$34.70	$64.18	$132.96	$260.70	$388.44	$516.18	$83.04
650	$36.15	$67.08	$139.24	$273.26	$407.29	$541.31	$84.48
700	$37.60	$69.98	$145.52	$285.83	$426.13	$566.43	$85.93
750	$39.05	$72.87	$151.80	$298.39	$444.97	$591.56	$87.38
800	$40.50	$75.77	$158.09	$310.95	$463.82	$616.68	$88.83
850	$41.95	$78.67	$164.37	$323.51	$482.66	$641.81	$90.28
900	$43.40	$81.57	$170.65	$336.08	$501.51	$666.93	$91.73
1000	$46.30	$87.37	$183.21	$361.20	$539.19	$717.18	$94.63
1200	$52.09	$98.97	$208.34	$411.45	$614.57	$817.69	$100.43
1400	$57.89	$110.56	$233.46	$461.70	$689.95	$918.19	$106.23
1500	$60.79	$116.36	$246.02	$486.83	$727.63	$968.44	$109.13
1750	$68.04	$130.86	$277.43	$549.64	$821.85	$1,094.06	$116.37
2000	$75.29	$145.35	$308.84	$612.46	$916.07	$1,219.69	$123.62
2500	$89.78	$174.34	$371.65	$738.08	$1,104.51	$1,470.95	$138.12
3000	$104.28	$203.33	$434.47	$863.71	$1,292.95	$1,722.20	$152.61
3500	$118.77	$232.32	$497.28	$989.34	$1,481.39	$1,973.45	$167.11
4000	$145.35	$285.48	$612.46	$1,219.69	$1,826.93	$2,434.16	$242.02
5000	$174.34	$343.46	$738.08	$1,470.95	$2,203.81	$2,936.67	$271.02
6000	$203.33	$401.45	$863.71	$1,722.20	$2,580.69	$3,439.18	$300.01
7000	$232.32	$459.43	$989.34	$1,973.45	$2,957.57	$3,941.68	$329.00

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

Monthly Rates Zone 1, Hauled Water FY2017 July 1, 2016 through June 30, 2017

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$21.82	$38.00	$75.76	$145.88	$216.00	$286.12	-
150	$23.39	$41.13	$82.54	$159.45	$236.35	$313.26	-
200	$24.95	$44.26	$89.33	$173.02	$256.70	$340.39	$77.15
250	$26.52	$47.39	$96.11	$186.58	$277.06	$367.53	$78.72
300	$28.08	$50.53	$102.89	$200.15	$297.41	$394.66	$80.29
350	$29.65	$53.66	$109.68	$213.72	$317.76	$421.80	$81.85
400	$31.21	$56.79	$116.46	$227.29	$338.11	$448.93	$83.42
450	$32.78	$59.92	$123.25	$240.85	$358.46	$476.07	$84.98
500	$34.34	$63.05	$130.03	$254.42	$378.81	$503.21	$86.55
550	$35.91	$66.18	$136.81	$267.99	$399.17	$530.34	$88.11
600	$37.48	$69.31	$143.60	$281.56	$419.52	$557.48	$89.68
650	$39.04	$72.44	$150.38	$295.13	$439.87	$584.61	$91.24
700	$40.61	$75.57	$157.17	$308.69	$460.22	$611.75	$92.81
750	$42.17	$78.70	$163.95	$322.26	$480.57	$638.88	$94.37
800	$43.74	$81.84	$170.73	$335.83	$500.92	$666.02	$95.94
850	$45.30	$84.97	$177.52	$349.40	$521.27	$693.15	$97.51
900	$46.87	$88.10	$184.30	$362.96	$541.63	$720.29	$99.07
1000	$50.00	$94.36	$197.87	$390.10	$582.33	$774.56	$102.20
1200	$56.26	$106.88	$225.00	$444.37	$663.74	$883.10	$108.46
1400	$62.52	$119.41	$252.14	$498.64	$745.14	$991.64	$114.73
1500	$65.65	$125.67	$265.71	$525.78	$785.84	$1,045.91	$117.86
1750	$73.48	$141.32	$299.63	$593.61	$887.60	$1,181.59	$125.68
2000	$81.31	$156.98	$333.55	$661.45	$989.36	$1,317.27	$133.51
2500	$96.96	$188.29	$401.38	$797.13	$1,192.88	$1,588.62	$149.17
3000	$112.62	$219.60	$469.22	$932.81	$1,396.39	$1,859.97	$164.82
3500	$128.27	$250.91	$537.06	$1,068.48	$1,599.91	$2,131.33	$180.48
4000	$156.98	$308.32	$661.45	$1,317.27	$1,973.08	$2,628.90	$261.39
5000	$188.29	$370.94	$797.13	$1,588.62	$2,380.11	$3,171.60	$292.70
6000	$219.60	$433.56	$932.81	$1,859.97	$2,787.14	$3,714.31	$324.01
7000	$250.91	$496.18	$1,068.48	$2,131.33	$3,194.17	$4,257.02	$355.32

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

Monthly Rates Zone 1, Hauled Water FY2018 July 1, 2017 through June 30, 2018

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$22.69	$39.52	$78.79	$151.72	$224.64	$297.57	-
150	$24.32	$42.78	$85.84	$165.83	$245.81	$325.79	-
200	$25.95	$46.03	$92.90	$179.94	$266.97	$354.01	$80.24
250	$27.58	$49.29	$99.96	$194.05	$288.14	$382.23	$81.87
300	$29.21	$52.55	$107.01	$208.16	$309.30	$410.45	$83.50
350	$30.83	$55.80	$114.07	$222.27	$330.47	$438.67	$85.12
400	$32.46	$59.06	$121.12	$236.38	$351.64	$466.89	$86.75
450	$34.09	$62.32	$128.18	$250.49	$372.80	$495.11	$88.38
500	$35.72	$65.57	$135.23	$264.60	$393.97	$523.33	$90.01
550	$37.35	$68.83	$142.29	$278.71	$415.13	$551.55	$91.64
600	$38.97	$72.08	$149.34	$292.82	$436.30	$579.78	$93.27
650	$40.60	$75.34	$156.40	$306.93	$457.46	$608.00	$94.89
700	$42.23	$78.60	$163.45	$321.04	$478.63	$636.22	$96.52
750	$43.86	$81.85	$170.51	$335.15	$499.79	$664.44	$98.15
800	$45.49	$85.11	$177.56	$349.26	$520.96	$692.66	$99.78
850	$47.11	$88.37	$184.62	$363.37	$542.13	$720.88	$101.41
900	$48.74	$91.62	$191.67	$377.48	$563.29	$749.10	$103.03
1000	$52.00	$98.13	$205.78	$405.70	$605.62	$805.54	$106.29
1200	$58.51	$111.16	$234.00	$462.14	$690.28	$918.42	$112.80
1400	$65.02	$124.18	$262.22	$518.59	$774.95	$1,031.31	$119.32
1500	$68.28	$130.70	$276.34	$546.81	$817.28	$1,087.75	$122.57
1750	$76.42	$146.98	$311.61	$617.36	$923.11	$1,228.85	$130.71
2000	$84.56	$163.26	$346.89	$687.91	$1,028.93	$1,369.96	$138.85
2500	$100.84	$195.82	$417.44	$829.01	$1,240.59	$1,652.17	$155.13
3000	$117.12	$228.38	$487.99	$970.12	$1,452.25	$1,934.37	$171.42
3500	$133.41	$260.95	$558.54	$1,111.22	$1,663.90	$2,216.58	$187.70
4000	$163.26	$320.65	$687.91	$1,369.96	$2,052.00	$2,734.05	$271.84
5000	$195.82	$385.78	$829.01	$1,652.17	$2,475.32	$3,298.47	$304.40
6000	$228.38	$450.90	$970.12	$1,934.37	$2,898.63	$3,862.88	$336.97
7000	$260.95	$516.03	$1,111.22	$2,216.58	$3,321.94	$4,427.30	$369.53

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

Monthly Rates Zone 1, Hauled Water FY2019 July 1, 2018 through June 30, 2019

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$23.60	$41.10	$81.94	$157.78	$233.63	$309.47	-
150	$25.29	$44.49	$89.28	$172.46	$255.64	$338.82	-
200	$26.99	$47.88	$96.62	$187.13	$277.65	$368.17	$83.45
250	$28.68	$51.26	$103.95	$201.81	$299.66	$397.52	$85.14
300	$30.37	$54.65	$111.29	$216.48	$321.68	$426.87	$86.84
350	$32.07	$58.04	$118.63	$231.16	$343.69	$456.22	$88.53
400	$33.76	$61.42	$125.97	$245.83	$365.70	$485.57	$90.22
450	$35.45	$64.81	$133.30	$260.51	$387.71	$514.92	$91.92
500	$37.15	$68.19	$140.64	$275.18	$409.72	$544.27	$93.61
550	$38.84	$71.58	$147.98	$289.86	$431.74	$573.62	$95.30
600	$40.53	$74.97	$155.32	$304.53	$453.75	$602.97	$97.00
650	$42.23	$78.35	$162.65	$319.21	$475.76	$632.32	$98.69
700	$43.92	$81.74	$169.99	$333.88	$497.77	$661.67	$100.38
750	$45.61	$85.13	$177.33	$348.56	$519.79	$691.02	$102.08
800	$47.31	$88.51	$184.66	$363.23	$541.80	$720.36	$103.77
850	$49.00	$91.90	$192.00	$377.91	$563.81	$749.71	$105.46
900	$50.69	$95.29	$199.34	$392.58	$585.82	$779.06	$107.16
1000	$54.08	$102.06	$214.01	$421.93	$629.85	$837.76	$110.54
1200	$60.85	$115.61	$243.36	$480.63	$717.90	$955.16	$117.31
1400	$67.62	$129.15	$272.71	$539.33	$805.94	$1,072.56	$124.09
1500	$71.01	$135.92	$287.39	$568.68	$849.97	$1,131.26	$127.47
1750	$79.48	$152.86	$324.08	$642.05	$960.03	$1,278.01	$135.94
2000	$87.94	$169.79	$360.76	$715.43	$1,070.09	$1,424.76	$144.41
2500	$104.88	$203.65	$434.14	$862.18	$1,290.21	$1,718.25	$161.34
3000	$121.81	$237.52	$507.51	$1,008.92	$1,510.34	$2,011.75	$178.27
3500	$138.74	$271.38	$580.88	$1,155.67	$1,730.46	$2,305.24	$195.20
4000	$169.79	$333.48	$715.43	$1,424.76	$2,134.08	$2,843.41	$282.72
5000	$203.65	$401.21	$862.18	$1,718.25	$2,574.33	$3,430.41	$316.58
6000	$237.52	$468.94	$1,008.92	$2,011.75	$3,014.57	$4,017.40	$350.45
7000	$271.38	$536.67	$1,155.67	$2,305.24	$3,454.82	$4,604.39	$384.31

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Vote:

~~B.~~ C. Hauled water delivery services for zone two, involving the following capacities, frequencies, extra call charges and rates are:

Zone 2 Hauled Water Rates

Monthly Rates Zone 2, Hauled Water FY2015 Through June 30, 2015

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$29.90	$54.96	$113.44	$222.04	$330.64	$439.25	-
150	$31.24	$57.64	$119.25	$233.67	$348.09	$462.51	-
200	$32.58	$60.33	$125.07	$245.30	$365.54	$485.77	$122.09
250	$33.92	$63.01	$130.89	$256.94	$382.99	$509.04	$123.43
300	$35.26	$65.70	$136.70	$268.57	$400.44	$532.30	$124.78
350	$36.61	$68.38	$142.52	$280.20	$417.88	$555.57	$126.12
400	$37.95	$71.06	$148.33	$291.83	$435.33	$578.83	$127.46
450	$39.29	$73.75	$154.15	$303.46	$452.78	$602.10	$128.80
500	$40.63	$76.43	$159.97	$315.10	$470.23	$625.36	$130.14
550	$41.98	$79.12	$165.78	$326.73	$487.68	$648.62	$131.49
600	$43.32	$81.80	$171.60	$338.36	$505.12	$671.89	$132.83
650	$44.66	$84.49	$177.41	$349.99	$522.57	$695.15	$134.17
700	$46.00	$87.17	$183.23	$361.63	$540.02	$718.42	$135.51
750	$47.34	$89.85	$189.05	$373.26	$557.47	$741.68	$136.86
800	$48.69	$92.54	$194.86	$384.89	$574.92	$764.94	$138.20
850	$50.03	$95.22	$200.68	$396.52	$592.37	$788.21	$139.54
900	$51.37	$97.91	$206.49	$408.15	$609.81	$811.47	$140.88
1000	$54.06	$103.28	$218.13	$431.42	$644.71	$858.00	$143.57
1200	$59.42	$114.01	$241.39	$477.95	$714.50	$951.06	$148.94
1400	$64.79	$124.75	$264.65	$524.47	$784.29	$1,044.12	$154.30
1500	$67.48	$130.12	$276.29	$547.74	$819.19	$1,090.64	$156.99
1750	$74.19	$143.54	$305.37	$605.90	$906.43	$1,206.96	$163.70
2000	$80.90	$156.96	$334.45	$664.06	$993.67	$1,323.29	$170.41
2500	$94.32	$183.81	$392.61	$780.38	$1,168.15	$1,555.93	$183.83
3000	$107.74	$210.65	$450.77	$896.70	$1,342.64	$1,788.57	$197.25
3500	$121.16	$237.49	$508.93	$1,013.02	$1,517.12	$2,021.21	$210.67
4000	$156.96	$309.09	$664.06	$1,323.29	$1,982.51	$2,641.74	$335.99
5000	$183.81	$362.78	$780.38	$1,555.93	$2,331.48	$3,107.02	$362.83
6000	$210.65	$416.47	$896.70	$1,788.57	$2,680.44	$3,572.31	$389.67
7000	$237.49	$470.15	$1,013.02	$2,021.21	$3,029.40	$4,037.59	$416.52

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Monthly Rates Zone 2, Hauled Water FY2016 July 1, 2015 through June 30, 2016

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$32.29	$59.35	$122.51	$239.80	$357.09	$474.39	-
150	$33.74	$62.25	$128.79	$252.37	$375.94	$499.51	-
200	$35.19	$65.15	$135.07	$264.93	$394.78	$524.64	$131.86
250	$36.64	$68.05	$141.36	$277.49	$413.63	$549.76	$133.31
300	$38.09	$70.95	$147.64	$290.05	$432.47	$574.89	$134.76
350	$39.54	$73.85	$153.92	$302.62	$451.31	$600.01	$136.21
400	$40.99	$76.75	$160.20	$315.18	$470.16	$625.14	$137.66
450	$42.43	$79.65	$166.48	$327.74	$489.00	$650.26	$139.11
500	$43.88	$82.55	$172.76	$340.30	$507.85	$675.39	$140.56
550	$45.33	$85.45	$179.04	$352.87	$526.69	$700.51	$142.01
600	$46.78	$88.35	$185.33	$365.43	$545.53	$725.64	$143.46
650	$48.23	$91.24	$191.61	$377.99	$564.38	$750.76	$144.91
700	$49.68	$94.14	$197.89	$390.56	$583.22	$775.89	$146.35
750	$51.13	$97.04	$204.17	$403.12	$602.07	$801.01	$147.80
800	$52.58	$99.94	$210.45	$415.68	$620.91	$826.14	$149.25
850	$54.03	$102.84	$216.73	$428.24	$639.75	$851.27	$150.70
900	$55.48	$105.74	$223.01	$440.81	$658.60	$876.39	$152.15
1000	$58.38	$111.54	$235.58	$465.93	$696.29	$926.64	$155.05
1200	$64.18	$123.13	$260.70	$516.18	$771.66	$1,027.14	$160.85
1400	$69.98	$134.73	$285.83	$566.43	$847.04	$1,127.64	$166.65
1500	$72.87	$140.53	$298.39	$591.56	$884.73	$1,177.90	$169.55
1750	$80.12	$155.02	$329.80	$654.37	$978.95	$1,303.52	$176.80
2000	$87.37	$169.52	$361.20	$717.18	$1,073.17	$1,429.15	$184.04
2500	$101.87	$198.51	$424.02	$842.81	$1,261.61	$1,680.40	$198.54
3000	$116.36	$227.50	$486.83	$968.44	$1,450.05	$1,931.66	$213.03
3500	$130.86	$256.49	$549.64	$1,094.06	$1,638.49	$2,182.91	$227.53
4000	$169.52	$333.82	$717.18	$1,429.15	$2,141.11	$2,853.08	$362.86
5000	$198.51	$391.80	$842.81	$1,680.40	$2,517.99	$3,355.58	$391.86
6000	$227.50	$449.78	$968.44	$1,931.66	$2,894.87	$3,858.09	$420.85
7000	$256.49	$507.76	$1,094.06	$2,182.91	$3,271.75	$4,360.60	$449.84

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Action:
Vote:

Monthly Rates Zone 2, Hauled Water FY2017 July 1, 2016 through June 30, 2017

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$34.87	$64.10	$132.31	$258.99	$385.66	$512.34	-
150	$36.44	$67.23	$139.10	$272.55	$406.01	$539.47	-
200	$38.00	$70.37	$145.88	$286.12	$426.36	$566.61	$142.41
250	$39.57	$73.50	$152.66	$299.69	$446.72	$593.74	$143.97
300	$41.13	$76.63	$159.45	$313.26	$467.07	$620.88	$145.54
350	$42.70	$79.76	$166.23	$326.83	$487.42	$648.01	$147.10
400	$44.26	$82.89	$173.02	$340.39	$507.77	$675.15	$148.67
450	$45.83	$86.02	$179.80	$353.96	$528.12	$702.28	$150.24
500	$47.39	$89.15	$186.58	$367.53	$548.47	$729.42	$151.80
550	$48.96	$92.28	$193.37	$381.10	$568.83	$756.55	$153.37
600	$50.53	$95.41	$200.15	$394.66	$589.18	$783.69	$154.93
650	$52.09	$98.54	$206.94	$408.23	$609.53	$810.83	$156.50
700	$53.66	$101.68	$213.72	$421.80	$629.88	$837.96	$158.06
750	$55.22	$104.81	$220.50	$435.37	$650.23	$865.10	$159.63
800	$56.79	$107.94	$227.29	$448.93	$670.58	$892.23	$161.19
850	$58.35	$111.07	$234.07	$462.50	$690.93	$919.37	$162.76
900	$59.92	$114.20	$240.85	$476.07	$711.29	$946.50	$164.33
1000	$63.05	$120.46	$254.42	$503.21	$751.99	$1,000.77	$167.46
1200	$69.31	$132.99	$281.56	$557.48	$833.40	$1,109.31	$173.72
1400	$75.57	$145.51	$308.69	$611.75	$914.80	$1,217.86	$179.98
1500	$78.70	$151.77	$322.26	$638.88	$955.50	$1,272.13	$183.11
1750	$86.53	$167.43	$356.18	$706.72	$1,057.26	$1,407.80	$190.94
2000	$94.36	$183.08	$390.10	$774.56	$1,159.02	$1,543.48	$198.77
2500	$110.01	$214.39	$457.94	$910.24	$1,362.54	$1,814.83	$214.42
3000	$125.67	$245.70	$525.78	$1,045.91	$1,566.05	$2,086.19	$230.08
3500	$141.32	$277.01	$593.61	$1,181.59	$1,769.57	$2,357.54	$245.73
4000	$183.08	$360.52	$774.56	$1,543.48	$2,312.40	$3,081.32	$391.89
5000	$214.39	$423.15	$910.24	$1,814.83	$2,719.43	$3,624.03	$423.20
6000	$245.70	$485.77	$1,045.91	$2,086.19	$3,126.46	$4,166.74	$454.51
7000	$277.01	$548.39	$1,181.59	$2,357.54	$3,533.49	$4,709.45	$485.82

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Vote:

Monthly Rates Zone 2, Hauled Water FY2018 July 1, 2017 through June 30, 2018

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$36.27	$66.67	$137.61	$269.35	$401.09	$532.83	-
150	$37.89	$69.92	$144.66	$283.46	$422.25	$561.05	-
200	$39.52	$73.18	$151.72	$297.57	$443.42	$589.27	$148.10
250	$41.15	$76.44	$158.77	$311.68	$464.58	$617.49	$149.73
300	$42.78	$79.69	$165.83	$325.79	$485.75	$645.71	$151.36
350	$44.41	$82.95	$172.88	$339.90	$506.92	$673.93	$152.99
400	$46.03	$86.20	$179.94	$354.01	$528.08	$702.15	$154.62
450	$47.66	$89.46	$186.99	$368.12	$549.25	$730.38	$156.25
500	$49.29	$92.72	$194.05	$382.23	$570.41	$758.60	$157.87
550	$50.92	$95.97	$201.10	$396.34	$591.58	$786.82	$159.50
600	$52.55	$99.23	$208.16	$410.45	$612.74	$815.04	$161.13
650	$54.17	$102.49	$215.21	$424.56	$633.91	$843.26	$162.76
700	$55.80	$105.74	$222.27	$438.67	$655.08	$871.48	$164.39
750	$57.43	$109.00	$229.32	$452.78	$676.24	$899.70	$166.01
800	$59.06	$112.25	$236.38	$466.89	$697.41	$927.92	$167.64
850	$60.69	$115.51	$243.43	$481.00	$718.57	$956.14	$169.27
900	$62.32	$118.77	$250.49	$495.11	$739.74	$984.36	$170.90
1000	$65.57	$125.28	$264.60	$523.33	$782.07	$1,040.80	$174.15
1200	$72.08	$138.30	$292.82	$579.78	$866.73	$1,153.69	$180.67
1400	$78.60	$151.33	$321.04	$636.22	$951.39	$1,266.57	$187.18
1500	$81.85	$157.84	$335.15	$664.44	$993.72	$1,323.01	$190.44
1750	$89.99	$174.12	$370.43	$734.99	$1,099.55	$1,464.12	$198.58
2000	$98.13	$190.40	$405.70	$805.54	$1,205.38	$1,605.22	$206.72
2500	$114.42	$222.97	$476.25	$946.65	$1,417.04	$1,887.43	$223.00
3000	$130.70	$255.53	$546.81	$1,087.75	$1,628.69	$2,169.64	$239.28
3500	$146.98	$288.09	$617.36	$1,228.85	$1,840.35	$2,451.84	$255.56
4000	$190.40	$374.95	$805.54	$1,605.22	$2,404.90	$3,204.58	$407.57
5000	$222.97	$440.07	$946.65	$1,887.43	$2,828.21	$3,768.99	$440.13
6000	$255.53	$505.20	$1,087.75	$2,169.64	$3,251.52	$4,333.41	$472.69
7000	$288.09	$570.32	$1,228.85	$2,451.84	$3,674.83	$4,897.82	$505.26

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Monthly Rates Zone 2, Hauled Water FY2019 July 1, 2018 through June 30, 2019

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$37.72	$69.33	$143.11	$280.12	$417.13	$554.14	-
150	$39.41	$72.72	$150.45	$294.80	$439.14	$583.49	-
200	$41.10	$76.11	$157.78	$309.47	$461.16	$612.84	$154.03
250	$42.80	$79.49	$165.12	$324.15	$483.17	$642.19	$155.72
300	$44.49	$82.88	$172.46	$338.82	$505.18	$671.54	$157.42
350	$46.18	$86.27	$179.80	$353.49	$527.19	$700.89	$159.11
400	$47.88	$89.65	$187.13	$368.17	$549.21	$730.24	$160.80
450	$49.57	$93.04	$194.47	$382.84	$571.22	$759.59	$162.49
500	$51.26	$96.43	$201.81	$397.52	$593.23	$788.94	$164.19
550	$52.96	$99.81	$209.15	$412.19	$615.24	$818.29	$165.88
600	$54.65	$103.20	$216.48	$426.87	$637.25	$847.64	$167.57
650	$56.34	$106.59	$223.82	$441.54	$659.27	$876.99	$169.27
700	$58.04	$109.97	$231.16	$456.22	$681.28	$906.34	$170.96
750	$59.73	$113.36	$238.50	$470.89	$703.29	$935.69	$172.65
800	$61.42	$116.75	$245.83	$485.57	$725.30	$965.04	$174.35
850	$63.11	$120.13	$253.17	$500.24	$747.32	$994.39	$176.04
900	$64.81	$123.52	$260.51	$514.92	$769.33	$1,023.74	$177.73
1000	$68.19	$130.29	$275.18	$544.27	$813.35	$1,082.44	$181.12
1200	$74.97	$143.84	$304.53	$602.97	$901.40	$1,199.83	$187.89
1400	$81.74	$157.38	$333.88	$661.67	$989.45	$1,317.23	$194.67
1500	$85.13	$164.16	$348.56	$691.02	$1,033.47	$1,375.93	$198.05
1750	$93.59	$181.09	$385.24	$764.39	$1,143.53	$1,522.68	$206.52
2000	$102.06	$198.02	$421.93	$837.76	$1,253.60	$1,669.43	$214.99
2500	$118.99	$231.89	$495.30	$984.51	$1,473.72	$1,962.92	$231.92
3000	$135.92	$265.75	$568.68	$1,131.26	$1,693.84	$2,256.42	$248.85
3500	$152.86	$299.62	$642.05	$1,278.01	$1,913.96	$2,549.92	$265.78
4000	$198.02	$389.94	$837.76	$1,669.43	$2,501.09	$3,332.76	$423.87
5000	$231.89	$457.67	$984.51	$1,962.92	$2,941.34	$3,919.75	$457.74
6000	$265.75	$525.40	$1,131.26	$2,256.42	$3,381.58	$4,506.74	$491.60
7000	$299.62	$593.13	$1,278.01	$2,549.92	$3,821.83	$5,093.74	$525.47

~~C. Extra Call Rates.~~

~~1. Residential/commercial extra call, normal hours, will be as follows:~~

~~Capacity~~	~~Water~~	~~Sewer~~
~~200 Gallons~~	~~$71.43~~	~~$65.95~~
~~250 Gallons~~	~~$74.05~~	~~$67.20~~
~~300 Gallons~~	~~$76.67~~	~~$68.45~~
~~350 Gallons~~	~~$79.28~~	~~$69.70~~
~~400 Gallons~~	~~$81.90~~	~~$70.95~~
~~450 Gallons~~	~~$84.51~~	~~$72.20~~
~~500 Gallons~~	~~$87.13~~	~~$73.45~~
~~550 Gallons~~	~~$89.75~~	~~$74.68~~
~~600 Gallons~~	~~$92.37~~	~~$75.94~~
~~650 Gallons~~	~~$94.98~~	~~$77.19~~
~~700 Gallons~~	~~$97.59~~	~~$78.43~~
~~750 Gallons~~	~~$100.21~~	~~$79.68~~
~~800 Gallons~~	~~$102.83~~	~~$80.93~~
~~850 Gallons~~	~~$105.45~~	~~$82.17~~
~~900 Gallons~~	~~$108.07~~	~~$83.42~~
~~1,000 Gallons~~	~~$113.29~~	~~$85.92~~
~~1,200 Gallons~~	~~$123.77~~	~~$90.91~~
~~1,400 Gallons~~	~~$134.23~~	~~$95.90~~
~~1,500 Gallons~~	~~$139.46~~	~~$98.40~~

~~1,750 Gallons~~	~~$152.54~~	~~$104.63~~
~~2,000 Gallons~~	~~$165.63~~	~~$110.88~~
~~2,500 Gallons~~	~~$110.88~~	~~$123.35~~
~~3,000 Gallons~~	~~$217.97~~	~~$135.83~~
~~3,500 Gallons~~	~~$244.13~~	~~$147.40~~

~~1. Residential/commercial extra call after hours shall be the normal hours rate plus seventy five dollars ($75).~~

~~D. Rate for deliveries over three thousand five hundred (3,500) gallons calculated using the three-thousand-five-hundred- (3,500-) gallon rate plus the rate for additional gallons. Examples:~~

~~1. The rate for four thousand five hundred (4,500) gallons is the rate for three thousand five hundred (3,500) gallons plus the rate for one thousand (1,000) gallons.~~

~~2. The rate for eight thousand (8,000) gallons is two (2) times the three-thousand-five-hundred- (3,500-) gallon rate plus one-thousand- (1,000-) gallon rate.~~

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

~~F. Residential/commercial extra calls from the schedule in subsections (B)(1) and (2) of this section.~~

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

~~H.~~ F. ~~Residential/commercial~~ Piped water rates:

1. ~~Flat rate (nonmetered)~~ Nonmetered: ~~one hundred twenty-five dollars and eight cents ($125.08)~~

FY 2015 Through June 30, 2015	FY 2016 July 1, 2015 – June 30, 2016	FY 2017 July 1, 2016 – June 30, 2017	FY 2018 July 1, 2017 – June 30, 2018	FY 2019 July 1, 2018 – June 30, 2019
$210.24	$227.06	$245.22	$255.03	$265.23

2. ~~Residential/commercial~~ Commercial Metered service per one thousand (1,000) gallons: ~~twenty-six dollars and fifty cents ($26.50) per one thousand (1,000) gallons~~ thirty-six dollars and ninety-two cents ($36.92).

~~FY 2015~~ ~~Through~~ ~~June 30, 2015~~	~~FY 2016~~ ~~July 1, 2015 –~~ ~~June 30, 2016~~	~~FY 2017~~ ~~July 1, 2016 –~~ ~~June 30, 2017~~	~~FY 2018~~ ~~July 1, 2017 –~~ ~~June 30, 2018~~	~~FY 2019~~ ~~July 1, 2018 –~~ ~~June 30, 2019~~
~~$41.35~~	~~$44.66~~	~~$48.23~~	~~$50.16~~	~~$52.16~~

a. Any nonresidential customer on piped services shall be charged the meter rate.

~~3. Residential metered service: sixty-four dollars ($64.00) flat rate plus two and six tenths cents ($0.026) per gallon;~~

~~4.~~ 3. Water service picked up at the pump house per approximate gallon: ~~three cents ($0.03) per gallon (seventy-five cents ($0.75) per minute approximately three cents ($0.03) per gallon)~~ four cents ($0.04) (approximately $1.00 per minute).

FY 2015 Through	FY 2016 July 1, 2015 –	FY 2017 July 1, 2016 –	FY 2018 July 1, 2017 –	FY 2019 July 1, 2018 –

June 30, 2015	June 30, 2016	June 30, 2017	June 30, 2018	June 30, 2019
$0.0336	$0.0362	$0.0392	$0.0408	$0.0424

13.16.025 Protection from plumbing failure.

In cases where a documented plumbing malfunction or breakage occurs in a metered residence, and there is an unusually high water usage, the customer can request a reversal of fees above and beyond an average rate reflecting three (3) months' metered consumption. Such reversal shall be at the discretion of the city administration.

13.16.030 Sewage service.

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

A. Hauled sewer evacuation services, involving the following capacities, frequencies, extra haul charges and rates are:

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
August 12, 2014
Action:
Vote:

Monthly Rates, Hauled Sewer FY2015 Through June 30, 2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$22.43	$39.94	$80.04	$155.21	$230.38	$293.79	-
150	$23.37	$41.84	$84.11	$163.35	$242.59	$309.45	-
200	$24.32	$43.73	$88.18	$171.49	$254.80	$325.11	$63.11
250	$25.27	$45.63	$92.25	$179.63	$267.01	$340.76	$64.01
300	$26.22	$47.53	$96.32	$187.77	$279.22	$356.42	$64.91
350	$27.17	$49.42	$100.39	$195.91	$291.44	$372.08	$65.82
400	$28.12	$51.32	$104.46	$204.05	$303.65	$387.73	$66.72
450	$29.07	$53.22	$108.53	$212.20	$315.86	$403.39	$67.62
500	$30.01	$55.11	$112.60	$220.34	$328.07	$419.05	$68.53
550	$30.96	$57.01	$116.67	$228.48	$340.29	$434.71	$69.43
600	$31.91	$58.91	$120.74	$236.62	$352.50	$450.36	$70.33
650	$32.86	$60.81	$124.81	$244.76	$364.71	$466.02	$71.24
700	$33.81	$62.70	$128.88	$252.90	$376.92	$481.68	$72.14
750	$34.76	$64.60	$132.96	$261.05	$389.14	$497.33	$73.04
800	$35.70	$66.50	$137.03	$269.19	$401.35	$512.99	$73.95
850	$36.65	$68.39	$141.10	$277.33	$413.56	$528.65	$74.85
900	$37.60	$70.29	$145.17	$285.47	$425.77	$544.30	$75.75
1000	$39.50	$74.08	$153.31	$301.75	$450.20	$575.62	$77.56
1200	$43.29	$81.67	$169.59	$334.32	$499.05	$638.24	$81.17
1400	$47.09	$89.26	$185.88	$366.89	$547.90	$700.87	$84.78
1500	$48.98	$93.05	$194.02	$383.17	$572.32	$732.19	$86.59
1750	$53.72	$102.54	$214.37	$423.88	$633.38	$810.47	$91.11
2000	$58.47	$112.02	$234.73	$464.59	$694.44	$888.75	$95.62
2500	$67.95	$130.99	$275.43	$546.00	$816.57	$1,045.32	$104.66
3000	$77.44	$149.96	$316.14	$627.42	$938.69	$1,201.89	$113.69
3500	$86.92	$168.93	$356.85	$708.83	$1,060.82	$1,358.46	$122.72
4000	$112.02	$219.13	$464.59	$924.30	$1,384.02	$1,772.83	$191.25
5000	$130.99	$257.07	$546.00	$1,087.14	$1,628.27	$2,085.97	$209.31
6000	$149.96	$295.01	$627.42	$1,249.97	$1,872.52	$2,399.11	$227.38
7000	$168.93	$332.94	$708.83	$1,412.80	$2,116.77	$2,712.24	$245.44

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Date: April 22, 2014
Public Hearing: May 13, 2014
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June 10, 2014
June 24, 2014
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July 22, 2014
August 12, 2014
Action:
Vote:

Monthly Rates, Hauled Sewer FY2016 July 1, 2015 through June 30, 2016

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$23.55	$41.94	$84.04	$162.97	$241.89	$308.48	$0.00
150	$24.54	$43.93	$88.31	$171.51	$254.72	$324.92	$0.00
200	$25.54	$45.92	$92.59	$180.06	$267.54	$341.36	$66.26
250	$26.54	$47.91	$96.86	$188.61	$280.36	$357.80	$67.21
300	$27.53	$49.90	$101.13	$197.16	$293.19	$374.24	$68.16
350	$28.53	$51.90	$105.41	$205.71	$306.01	$390.68	$69.11
400	$29.52	$53.89	$109.68	$214.26	$318.83	$407.12	$70.05
450	$30.52	$55.88	$113.96	$222.81	$331.65	$423.56	$71.00
500	$31.51	$57.87	$118.23	$231.35	$344.48	$440.00	$71.95
550	$32.51	$59.86	$122.51	$239.90	$357.30	$456.44	$72.90
600	$33.51	$61.85	$126.78	$248.45	$370.12	$472.88	$73.85
650	$34.50	$63.85	$131.05	$257.00	$382.95	$489.32	$74.80
700	$35.50	$65.84	$135.33	$265.55	$395.77	$505.76	$75.75
750	$36.49	$67.83	$139.60	$274.10	$408.59	$522.20	$76.69
800	$37.49	$69.82	$143.88	$282.65	$421.42	$538.64	$77.64
850	$38.49	$71.81	$148.15	$291.20	$434.24	$555.08	$78.59
900	$39.48	$73.80	$152.43	$299.74	$447.06	$571.52	$79.54
1000	$41.47	$77.79	$160.98	$316.84	$472.71	$604.40	$81.44
1200	$45.46	$85.75	$178.07	$351.04	$524.00	$670.16	$85.23
1400	$49.44	$93.72	$195.17	$385.23	$575.29	$735.92	$89.02
1500	$51.43	$97.71	$203.72	$402.33	$600.94	$768.79	$90.92
1750	$56.41	$107.66	$225.09	$445.07	$665.05	$850.99	$95.66
2000	$61.39	$117.62	$246.46	$487.81	$729.17	$933.19	$100.40
2500	$71.35	$137.54	$289.20	$573.30	$857.40	$1,097.59	$109.89
3000	$81.31	$157.46	$331.95	$658.79	$985.63	$1,261.99	$119.37
3500	$91.27	$177.37	$374.69	$744.27	$1,113.86	$1,426.38	$128.86
4000	$117.62	$230.09	$487.81	$970.52	$1,453.23	$1,861.47	$200.81
5000	$137.54	$269.92	$573.30	$1,141.49	$1,709.69	$2,190.27	$219.78
6000	$157.46	$309.76	$658.79	$1,312.47	$1,966.14	$2,519.06	$238.75
7000	$177.37	$349.59	$744.27	$1,483.44	$2,222.60	$2,847.86	$257.72

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Action:
Vote:

Monthly Rates, Hauled Sewer FY2017 July 1, 2016 through June 30, 2017

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$24.49	$43.61	$87.40	$169.48	$251.57	$320.82	$0.00
150	$25.52	$45.69	$91.84	$178.37	$264.91	$337.92	$0.00
200	$26.56	$47.76	$96.29	$187.27	$278.24	$355.02	$68.91
250	$27.60	$49.83	$100.73	$196.16	$291.58	$372.11	$69.90
300	$28.63	$51.90	$105.18	$205.05	$304.91	$389.21	$70.88
350	$29.67	$53.97	$109.63	$213.94	$318.25	$406.31	$71.87
400	$30.70	$56.04	$114.07	$222.83	$331.58	$423.41	$72.86
450	$31.74	$58.11	$118.52	$231.72	$344.92	$440.50	$73.84
500	$32.77	$60.19	$122.96	$240.61	$358.26	$457.60	$74.83
550	$33.81	$62.26	$127.41	$249.50	$371.59	$474.70	$75.82
600	$34.85	$64.33	$131.85	$258.39	$384.93	$491.80	$76.80
650	$35.88	$66.40	$136.30	$267.28	$398.26	$508.89	$77.79
700	$36.92	$68.47	$140.74	$276.17	$411.60	$525.99	$78.78
750	$37.95	$70.54	$145.19	$285.06	$424.94	$543.09	$79.76
800	$38.99	$72.61	$149.63	$293.95	$438.27	$560.18	$80.75
850	$40.02	$74.69	$154.08	$302.84	$451.61	$577.28	$81.73
900	$41.06	$76.76	$158.52	$311.73	$464.94	$594.38	$82.72
1000	$43.13	$80.90	$167.41	$329.51	$491.62	$628.57	$84.69
1200	$47.27	$89.19	$185.20	$365.08	$544.96	$696.96	$88.64
1400	$51.42	$97.47	$202.98	$400.64	$598.30	$765.35	$92.58
1500	$53.49	$101.61	$211.87	$418.42	$624.97	$799.55	$94.56
1750	$58.67	$111.97	$234.09	$462.87	$691.65	$885.03	$99.49
2000	$63.85	$122.33	$256.32	$507.33	$758.33	$970.52	$104.42
2500	$74.20	$143.04	$300.77	$596.23	$891.69	$1,141.49	$114.28
3000	$84.56	$163.76	$345.23	$685.14	$1,025.05	$1,312.47	$124.15
3500	$94.92	$184.47	$389.68	$774.05	$1,158.41	$1,483.44	$134.01
4000	$122.33	$239.29	$507.33	$1,009.34	$1,511.35	$1,935.93	$208.84
5000	$143.04	$280.72	$596.23	$1,187.15	$1,778.07	$2,277.88	$228.57
6000	$163.76	$322.15	$685.14	$1,364.96	$2,044.79	$2,619.82	$248.30
7000	$184.47	$363.58	$774.05	$1,542.78	$2,311.51	$2,961.77	$268.03

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June 10, 2014
June 24, 2014
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July 22, 2014
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Action:
Vote:

Monthly Rates, Hauled Sewer FY2018 July 1, 2017 through June 30, 2018

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$25.47	$45.36	$90.89	$176.26	$261.63	$333.66	$0.00
150	$26.55	$47.51	$95.52	$185.51	$275.50	$351.44	$0.00
200	$27.62	$49.67	$100.14	$194.76	$289.37	$369.22	$71.67
250	$28.70	$51.82	$104.76	$204.00	$303.24	$387.00	$72.69
300	$29.78	$53.98	$109.39	$213.25	$317.11	$404.78	$73.72
350	$30.85	$56.13	$114.01	$222.49	$330.98	$422.56	$74.75
400	$31.93	$58.28	$118.63	$231.74	$344.85	$440.34	$75.77
450	$33.01	$60.44	$123.26	$240.99	$358.72	$458.12	$76.80
500	$34.09	$62.59	$127.88	$250.23	$372.59	$475.90	$77.82
550	$35.16	$64.75	$132.50	$259.48	$386.46	$493.69	$78.85
600	$36.24	$66.90	$137.13	$268.73	$400.33	$511.47	$79.87
650	$37.32	$69.06	$141.75	$277.97	$414.20	$529.25	$80.90
700	$38.39	$71.21	$146.37	$287.22	$428.06	$547.03	$81.93
750	$39.47	$73.36	$151.00	$296.46	$441.93	$564.81	$82.95
800	$40.55	$75.52	$155.62	$305.71	$455.80	$582.59	$83.98
850	$41.63	$77.67	$160.24	$314.96	$469.67	$600.37	$85.00
900	$42.70	$79.83	$164.86	$324.20	$483.54	$618.15	$86.03
1000	$44.86	$84.14	$174.11	$342.70	$511.28	$653.72	$88.08
1200	$49.17	$92.75	$192.60	$379.68	$566.76	$724.84	$92.18
1400	$53.47	$101.37	$211.10	$416.67	$622.24	$795.97	$96.29
1500	$55.63	$105.68	$220.34	$435.16	$649.97	$831.53	$98.34
1750	$61.01	$116.45	$243.46	$481.39	$719.32	$920.43	$103.47
2000	$66.40	$127.22	$266.57	$527.62	$788.67	$1,009.34	$108.60
2500	$77.17	$148.76	$312.80	$620.08	$927.36	$1,187.15	$118.86
3000	$87.94	$170.31	$359.04	$712.54	$1,066.05	$1,364.96	$129.11
3500	$98.71	$191.85	$405.27	$805.01	$1,204.75	$1,542.78	$139.37
4000	$127.22	$248.86	$527.62	$1,049.71	$1,571.81	$2,013.37	$217.20
5000	$148.76	$291.95	$620.08	$1,234.64	$1,849.20	$2,368.99	$237.71
6000	$170.31	$335.03	$712.54	$1,419.56	$2,126.58	$2,724.62	$258.23
7000	$191.85	$378.12	$805.01	$1,604.49	$2,403.97	$3,080.24	$278.75

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Date: April 22, 2014
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June 10, 2014
June 24, 2014
July 8, 2014
July 22, 2014
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Action:
Vote:

Monthly Rates, Hauled Sewer FY2019 July 1, 2018 through June 30, 2019

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$26.49	$47.17	$94.53	$183.31	$272.10	$347.00	$0.00
150	$27.61	$49.41	$99.34	$192.93	$286.52	$365.49	$0.00
200	$28.73	$51.65	$104.15	$202.55	$300.95	$383.99	$74.53
250	$29.85	$53.89	$108.95	$212.16	$315.37	$402.48	$75.60
300	$30.97	$56.13	$113.76	$221.78	$329.79	$420.97	$76.67
350	$32.09	$58.38	$118.57	$231.39	$344.22	$439.46	$77.74
400	$33.21	$60.62	$123.38	$241.01	$358.64	$457.96	$78.80
450	$34.33	$62.86	$128.19	$250.63	$373.07	$476.45	$79.87
500	$35.45	$65.10	$132.99	$260.24	$387.49	$494.94	$80.94
550	$36.57	$67.34	$137.80	$269.86	$401.91	$513.43	$82.00
600	$37.69	$69.58	$142.61	$279.47	$416.34	$531.93	$83.07
650	$38.81	$71.82	$147.42	$289.09	$430.76	$550.42	$84.14
700	$39.93	$74.06	$152.23	$298.71	$445.19	$568.91	$85.20
750	$41.05	$76.30	$157.03	$308.32	$459.61	$587.40	$86.27
800	$42.17	$78.54	$161.84	$317.94	$474.04	$605.90	$87.34
850	$43.29	$80.78	$166.65	$327.56	$488.46	$624.39	$88.40
900	$44.41	$83.02	$171.46	$337.17	$502.88	$642.88	$89.47
1000	$46.65	$87.50	$181.08	$356.40	$531.73	$679.87	$91.60
1200	$51.13	$96.46	$200.31	$394.87	$589.43	$753.84	$95.87
1400	$55.61	$105.42	$219.54	$433.33	$647.12	$827.80	$100.14
1500	$57.85	$109.91	$229.16	$452.56	$675.97	$864.79	$102.27
1750	$63.45	$121.11	$253.20	$500.64	$748.09	$957.25	$107.61
2000	$69.06	$132.31	$277.24	$548.72	$820.21	$1,049.71	$112.94
2500	$80.26	$154.71	$325.32	$644.89	$964.45	$1,234.64	$123.61
3000	$91.46	$177.12	$373.40	$741.05	$1,108.70	$1,419.56	$134.28
3500	$102.66	$199.52	$421.48	$837.21	$1,252.94	$1,604.49	$144.95
4000	$132.31	$258.82	$548.72	$1,091.70	$1,634.68	$2,093.90	$225.88
5000	$154.71	$303.63	$644.89	$1,284.02	$1,923.16	$2,463.75	$247.22
6000	$177.12	$348.43	$741.05	$1,476.35	$2,211.65	$2,833.60	$268.56
7000	$199.52	$393.24	$837.21	$1,668.67	$2,500.13	$3,203.45	$289.90

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
June 10, 2014
June 24, 2014
July 8, 2014
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Action:
Vote:

~~A. Evacuation Service.~~

~~1. a. On schedule, per rates in the schedule in BMC 13.16.020(B).~~

~~b. In addition to usage charges under BMC 13.16.020(B) and (H), sewer customers shall pay five dollars ($5) monthly per sewer subscription for facility charges to recover the cost of sewer system capital improvements and depreciation.~~

B. Evacuation Service.

1. On schedule, per rates in the schedule in BMC 13.16.020(B).

~~b.~~ 2. In addition to usage charges under BMC 13.16.020(B) and ~~(H)~~ (F), sewer customers shall pay eight dollars ($8) monthly per sewer subscription for facility charges to recover the cost of sewer system capital improvements and depreciation.

~~c. For sewer tank evacuations less frequent than water deliveries, sewer rate is determined from the sum of regular water deliveries between sewer tank evacuations. For sewer customers without water service, the sewer rate will be based on the size of the sewer tank.~~

~~2. Residential/commercial extra call rates are from the schedule in BMC 13.16.020(C)(1) and (2).~~

~~B~~ C. No new services for evacuation more than two (2) times a week will be established.

~~C~~ D. Piped sewer service:

1. ~~Flat rate~~ Flat rate Nonmetered per month per dwelling unit ~~(metered and nonmetered service)~~ (metered and nonmetered service): ~~thirty-three dollars and ninety-two cents ($33.92) per month per dwelling unit~~ fifty dollars and seventeen cents ($50.17). ~~;~~

FY 2015 Through June 30, 2015	FY 2016 July 1, 2015 – June 30, 2016	FY 2017 July 1, 2016 – June 30, 2017	FY 2018 July 1, 2017 – June 30, 2018	FY 2019 July 1, 2018 – June 30, 2019
$52.68	$55.32	$57.53	$59.83	$62.22

2. ~~Commercial~~ Commercial Metered service per one thousand (1,000) gallons: ~~seventeen dollars and forty-nine cents ($17.49) per one thousand (1,000) gallons~~ seventeen dollars and forty-nine cents ($17.49).

a. Any nonresidential customer on piped services shall be charged the meter rate.

~~FY 2015~~ ~~Through~~ ~~June 30, 2015~~	~~FY 2016~~ ~~July 1, 2015 –~~ ~~June 30, 2016~~	~~FY 2017~~ ~~July 1, 2016 –~~ ~~June 30, 2017~~	~~FY 2018~~ ~~July 1, 2017 –~~ ~~June 30, 2018~~	~~FY 2019~~ ~~July 1, 2018 –~~ ~~June 30, 2019~~
~~$9.55~~	~~$10.03~~	~~$10.43~~	~~$10.85~~	~~$11.28~~

~~D. Sewage service dumped at the municipal sewage lagoon: four dollars and thirty-nine cents ($4.39) per one thousand (1,000) gallons.~~

13.16.035 Hauled water /sewer services extra call/haul request.

A. Any hauled water customer may request an extra call for water delivery on a form provided by the finance department indicating the number of gallons of water requested. Each extra call for water delivery will have a corresponding extra haul for sewer evacuation at the rate corresponding to the number gallons requested for the extra call for water, to be paid at the same time as the extra call for water.

B. Hauled services extra call after regular business hours shall be the corresponding rate listed in BMC 13.16.020 A or B or 13.16.030 A depending on the type of service and the zone, plus one hundred and fifty dollars ($150).

~~13.16.040 Renewal and replacement fund recovery rate:~~

~~A. Hauled water and sewer delivery services replacement fund recovery rates per 1,000 gallons are:~~

~~Hauled Water~~	~~Hauled Sewer~~
~~$2.10~~	~~$1.59~~

~~B. Nonmetered subscription replacement fund recovery rates are:~~

~~Flat Rate Water~~	~~Flat Rate Sewer~~
~~$16.35~~	~~$16.35~~

~~C. Metered water and sewer subscription replacement fund recovery rates per 1,000 gallons of water supplied are:~~

~~Metered Water~~	~~Metered Sewer~~
~~$3.27~~	~~$3.27~~

~~13.16.035~~ 13.16.045 Prepaid services.

A. Any person or entity may at any time, without regard to subscription to services, status of an account or indebtedness to the city, receive water or sewer service by prepaying.

B. The charge for prepaid services will be the applicable extra call fee. ~~plus a twenty dollar ($20) administrative fee.~~

~~C. Payment can be made in cash. Other forms of payment will be at the city's discretion.~~

~~D.~~ C. The city can refuse service under this section if the customer does not have a suitable tank or reasonable access.

~~13.16.040~~ 13.16.050 Holidays.

The monthly residential/commercial rates charges for the collection of garbage, rubbish and waste material, delivery of water and removal of sewage within the city shall not include providing such services on or during officially recognized city holidays as described in the city's personnel rules.

~~13.16.050~~ 13.16.060 Allowance for mechanical malfunctions.

The monthly residential/commercial rates charged for the collection of garbage, rubbish and waste material, delivery of water and removal of sewage within the city are also established on the basis of three (3) days per year for garbage service, three (3) days per year for water service and three (3) days per year for sewer service which may not be implemented because of mechanical malfunctions experienced by city-owned vehicles engaged in providing the utility services described in this section.

~~13.16.060~~ 13.16.070 Adjustments for nonservice.

Customers who do not receive residential/commercial garbage, water or sewer services four (4) or more times a year in each of the utility service areas mentioned in this chapter, excluding officially recognized city holidays, physical or other impediments created by the customer to all residential/commercial garbage, water or sewer areas (e.g., locked doors, the presence of animals) and the three (3) days per year per utility service area which may not be implemented because of mechanical malfunctions experienced by city-owned vehicles engaged in providing the utility services described in this section, may request and shall be granted by the city an adjustment to their utility bills as supported by utility records maintained by the city's public works department and finance department. Such requests by a utility customer shall be made to the city's finance department within thirty (30) days after utility bills are mailed by the city. If a utility customer makes a request for an adjustment to the utility bill after the thirty (30) day time period, such request will be considered invalid by the city.

~~13.16.070~~ 13.16.080 Senior citizen credit.

A. Any Bethel citizen at least ~~sixty (60)~~ sixty-five (65) years of age residing in their own household shall receive ~~up to~~ a twenty-five dollars ($25.00) monthly utility credit, if they are the primary source of income, after making application for such at the city utilities office.

B. All other Bethel citizens at least sixty (60) years of age that do not meet the conditions of subsection A of this section shall receive up to a ten dollars ($10) monthly utility credit after making application for such to the city utilities office.

C. Each residential unit shall be limited to one (1) credit application.

~~13.16.080 Nonliability for water damage.~~

~~The city shall not be held liable for water damage to any property where the customer has failed to install an adequate operative overflow system, or has failed to keep the overflow line from freezing.~~

~~13.16.090~~ 13.16.080 Contractual agreements.

The city manager shall have the power and authority to enter into contractual arrangements with any person for the provision of any of the services described in this chapter at rates or terms different from those set out in this chapter, subject to the approval of the city council.

SECTION 3. Effective Date. Subsections 13.16.020 F. 2. a. and 13.16.030 C. 2. a. shall become effective on 1/1/2015.

SECTION 4. Effective Date. Except as provided in Section 3 of this ordinance, this ordinance shall become effective no sooner than 60 days and no later than 90 days, after passage of said ordinance.

ENACTED THIS DAY OF 2014, BY A VOTE OF IN FAVOR AND OPPOSED.

_____
Joseph A. Klejka, Mayor

ATTEST:

_____
Lori Strickler, City Clerk

CLEAN VERSION, NOT TO BE USED FOR AMENDMENTS.

Some of the numbering will be off with this "clean" version. Once finalized, the City Clerk's Office will work of formatting and numbering prior to sending the document to the publishing co.

Chapter 13.16
Utility Rates

13.16.010 Definitions

A. "Hauled Water Zone One (1)" as E ¼ Sec 6,E ¼ Sec 7, E ¼ Sec 18, T8N,R71W,SM Sec 4-5, Sec 8-10, Sec 15-17, T8N, R71 W, SM, as identified in the Hauled Water Zone Map available at the City Offices.

B. "Hauled Water Zone Two (2)" as W ¾ Sec 6, W ¾ Sec 7, W ¾ Sec 18, T8N,R71W, SM, Sec 1, Sec 11-12, Sec 13-14, Sec 23-24, R72W, SM, as identified in the Hauled Water Zone Map available at the City Offices.

C. "Regular Business Hours" means the days and hours the city's administrative offices are open to provide general services to the public, excluding weekends and holidays.

D. "Residential" means a building or group of buildings, containing no more than two (2) separate living quarters all having complete living facilities designed for long-term human habitation.

13.16.020 Water service.

For the providing of residential/commercial water services ~~with~~ <u>within</u> the city, the following charges shall be made:

A. In addition to usage charges under subsections B and H of this section, water customers shall pay eight dollars ($8) monthly per water subscription for facility charges to recover the cost of water system capital improvements and depreciation.

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

Zone 1 Hauled Water Rates

<u>Monthly Rates Zone 1, Hauled Water FY2015 Through June 30, 2015</u>

Capacity	1 time/month	2 times/month	1 time per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$18.71	$32.58	$64.95	$125.07	$185.19	$245.30	
150	$20.05	$35.26	$70.77	$136.70	$202.63	$268.57	
200	$21.39	$37.95	$76.58	$148.33	$220.08	$291.83	$66.15

250	$22.73	$40.63	$82.40	$159.97	$237.53	$315.10	$67.49
300	$24.08	$43.32	$88.22	$171.60	$254.98	$338.36	$68.83
350	$25.42	$46.00	$94.03	$183.23	$272.43	$361.63	$70.17
400	$26.76	$48.69	$99.85	$194.86	$289.88	$384.89	$71.52
450	$28.10	$51.37	$105.66	$206.49	$307.32	$408.15	$72.86
500	$29.44	$54.06	$111.48	$218.13	$324.77	$431.42	$74.20
550	$30.79	$56.74	$117.30	$229.76	$342.22	$454.68	$75.54
600	$32.13	$59.42	$123.11	$241.39	$359.67	$477.95	$76.88
650	$33.47	$62.11	$128.93	$253.02	$377.12	$501.21	$78.23
700	$34.81	$64.79	$134.74	$264.65	$394.56	$524.47	$79.57
750	$36.16	$67.48	$140.56	$276.29	$412.01	$547.74	$80.91
800	$37.50	$70.16	$146.38	$287.92	$429.46	$571.00	$82.25
850	$38.84	$72.85	$152.19	$299.55	$446.91	$594.27	$83.60
900	$40.18	$75.53	$158.01	$311.18	$464.36	$617.53	$84.94
1000	$42.87	$80.90	$169.64	$334.45	$499.25	$664.06	$87.62
1200	$48.23	$91.64	$192.90	$380.98	$569.05	$757.12	$92.99
1400	$53.60	$102.37	$216.17	$427.50	$638.84	$850.17	$98.36
1500	$56.29	$107.74	$227.80	$450.77	$673.73	$896.70	$101.04
1750	$63.00	$121.16	$256.88	$508.93	$760.98	$1,013.02	$107.75
2000	$69.71	$134.59	$285.96	$567.09	$848.22	$1,129.34	$114.47
2500	$83.13	$161.43	$344.12	$683.41	$1,022.70	$1,361.99	$127.89
3000	$96.55	$188.27	$402.28	$799.73	$1,197.18	$1,594.63	$141.31
3500	$109.97	$215.12	$460.44	$916.05	$1,371.66	$1,827.27	$154.73
4000	$134.59	$264.34	$567.09	$1,129.34	$1,691.60	$2,253.85	$224.10
5000	$161.43	$318.02	$683.41	$1,361.99	$2,040.56	$2,719.14	$250.94
6000	$188.27	$371.71	$799.73	$1,594.63	$2,389.53	$3,184.42	$277.78
7000	$215.12	$425.40	$916.05	$1,827.27	$2,738.49	$3,649.71	$304.63

Monthly Rates Zone 1, Hauled Water FY2016 July 1, 2015 through June 30, 2016

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$20.20	$35.19	$70.15	$135.07	$200.00	$264.93	
150	$21.65	$38.09	$76.43	$147.64	$218.85	$290.05	
200	$23.10	$40.99	$82.71	$160.20	$237.69	$315.18	$71.44
250	$24.55	$43.88	$88.99	$172.76	$256.53	$340.30	$72.89
300	$26.00	$46.78	$95.27	$185.33	$275.38	$365.43	$74.34
350	$27.45	$49.68	$101.55	$197.89	$294.22	$390.56	$75.79
400	$28.90	$52.58	$107.84	$210.45	$313.07	$415.68	$77.24
450	$30.35	$55.48	$114.12	$223.01	$331.91	$440.81	$78.69
500	$31.80	$58.38	$120.40	$235.58	$350.75	$465.93	$80.14
550	$33.25	$61.28	$126.68	$248.14	$369.60	$491.06	$81.59
600	$34.70	$64.18	$132.96	$260.70	$388.44	$516.18	$83.04
650	$36.15	$67.08	$139.24	$273.26	$407.29	$541.31	$84.48
700	$37.60	$69.98	$145.52	$285.83	$426.13	$566.43	$85.93
750	$39.05	$72.87	$151.80	$298.39	$444.97	$591.56	$87.38
800	$40.50	$75.77	$158.09	$310.95	$463.82	$616.68	$88.83
850	$41.95	$78.67	$164.37	$323.51	$482.66	$641.81	$90.28

900	$43.40	$81.57	$170.65	$336.08	$501.51	$666.93	$91.73
1000	$46.30	$87.37	$183.21	$361.20	$539.19	$717.18	$94.63
1200	$52.09	$98.97	$208.34	$411.45	$614.57	$817.69	$100.43
1400	$57.89	$110.56	$233.46	$461.70	$689.95	$918.19	$106.23
1500	$60.79	$116.36	$246.02	$486.83	$727.63	$968.44	$109.13
1750	$68.04	$130.86	$277.43	$549.64	$821.85	$1,094.06	$116.37
2000	$75.29	$145.35	$308.84	$612.46	$916.07	$1,219.69	$123.62
2500	$89.78	$174.34	$371.65	$738.08	$1,104.51	$1,470.95	$138.12
3000	$104.28	$203.33	$434.47	$863.71	$1,292.95	$1,722.20	$152.61
3500	$118.77	$232.32	$497.28	$989.34	$1,481.39	$1,973.45	$167.11
4000	$145.35	$285.48	$612.46	$1,219.69	$1,826.93	$2,434.16	$242.02
5000	$174.34	$343.46	$738.08	$1,470.95	$2,203.81	$2,936.67	$271.02
6000	$203.33	$401.45	$863.71	$1,722.20	$2,580.69	$3,439.18	$300.01
7000	$232.32	$459.43	$989.34	$1,973.45	$2,957.57	$3,941.68	$329.00

Monthly Rates Zone 1, Hauled Water FY2017 July 1, 2016 through June 30, 2017

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$21.82	$38.00	$75.76	$145.88	$216.00	$286.12	
150	$23.39	$41.13	$82.54	$159.45	$236.35	$313.26	
200	$24.95	$44.26	$89.33	$173.02	$256.70	$340.39	$77.15
250	$26.52	$47.39	$96.11	$186.58	$277.06	$367.53	$78.72
300	$28.08	$50.53	$102.89	$200.15	$297.41	$394.66	$80.29
350	$29.65	$53.66	$109.68	$213.72	$317.76	$421.80	$81.85
400	$31.21	$56.79	$116.46	$227.29	$338.11	$448.93	$83.42
450	$32.78	$59.92	$123.25	$240.85	$358.46	$476.07	$84.98
500	$34.34	$63.05	$130.03	$254.42	$378.81	$503.21	$86.55
550	$35.91	$66.18	$136.81	$267.99	$399.17	$530.34	$88.11
600	$37.48	$69.31	$143.60	$281.56	$419.52	$557.48	$89.68
650	$39.04	$72.44	$150.38	$295.13	$439.87	$584.61	$91.24
700	$40.61	$75.57	$157.17	$308.69	$460.22	$611.75	$92.81
750	$42.17	$78.70	$163.95	$322.26	$480.57	$638.88	$94.37
800	$43.74	$81.84	$170.73	$335.83	$500.92	$666.02	$95.94
850	$45.30	$84.97	$177.52	$349.40	$521.27	$693.15	$97.51
900	$46.87	$88.10	$184.30	$362.96	$541.63	$720.29	$99.07
1000	$50.00	$94.36	$197.87	$390.10	$582.33	$774.56	$102.20
1200	$56.26	$106.88	$225.00	$444.37	$663.74	$883.10	$108.46
1400	$62.52	$119.41	$252.14	$498.64	$745.14	$991.64	$114.73
1500	$65.65	$125.67	$265.71	$525.78	$785.84	$1,045.91	$117.86
1750	$73.48	$141.32	$299.63	$593.61	$887.60	$1,181.59	$125.68
2000	$81.31	$156.98	$333.55	$661.45	$989.36	$1,317.27	$133.51
2500	$96.96	$188.29	$401.38	$797.13	$1,192.88	$1,588.62	$149.17
3000	$112.62	$219.60	$469.22	$932.81	$1,396.39	$1,859.97	$164.82
3500	$128.27	$250.91	$537.06	$1,068.48	$1,599.91	$2,131.33	$180.48
4000	$156.98	$308.32	$661.45	$1,317.27	$1,973.08	$2,628.90	$261.39
5000	$188.29	$370.94	$797.13	$1,588.62	$2,380.11	$3,171.60	$292.70
6000	$219.60	$433.56	$932.81	$1,859.97	$2,787.14	$3,714.31	$324.01

7000	$250.91	$496.18	$1,068.48	$2,131.33	$3,194.17	$4,257.02	$355.32

Monthly Rates Zone 1, Hauled Water FY2018 July 1, 2017 through June 30, 2018

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$22.69	$39.52	$78.79	$151.72	$224.64	$297.57	
150	$24.32	$42.78	$85.84	$165.83	$245.81	$325.79	
200	$25.95	$46.03	$92.90	$179.94	$266.97	$354.01	$80.24
250	$27.58	$49.29	$99.96	$194.05	$288.14	$382.23	$81.87
300	$29.21	$52.55	$107.01	$208.16	$309.30	$410.45	$83.50
350	$30.83	$55.80	$114.07	$222.27	$330.47	$438.67	$85.12
400	$32.46	$59.06	$121.12	$236.38	$351.64	$466.89	$86.75
450	$34.09	$62.32	$128.18	$250.49	$372.80	$495.11	$88.38
500	$35.72	$65.57	$135.23	$264.60	$393.97	$523.33	$90.01
550	$37.35	$68.83	$142.29	$278.71	$415.13	$551.55	$91.64
600	$38.97	$72.08	$149.34	$292.82	$436.30	$579.78	$93.27
650	$40.60	$75.34	$156.40	$306.93	$457.46	$608.00	$94.89
700	$42.23	$78.60	$163.45	$321.04	$478.63	$636.22	$96.52
750	$43.86	$81.85	$170.51	$335.15	$499.79	$664.44	$98.15
800	$45.49	$85.11	$177.56	$349.26	$520.96	$692.66	$99.78
850	$47.11	$88.37	$184.62	$363.37	$542.13	$720.88	$101.41
900	$48.74	$91.62	$191.67	$377.48	$563.29	$749.10	$103.03
1000	$52.00	$98.13	$205.78	$405.70	$605.62	$805.54	$106.29
1200	$58.51	$111.16	$234.00	$462.14	$690.28	$918.42	$112.80
1400	$65.02	$124.18	$262.22	$518.59	$774.95	$1,031.31	$119.32
1500	$68.28	$130.70	$276.34	$546.81	$817.28	$1,087.75	$122.57
1750	$76.42	$146.98	$311.61	$617.36	$923.11	$1,228.85	$130.71
2000	$84.56	$163.26	$346.89	$687.91	$1,028.93	$1,369.96	$138.85
2500	$100.84	$195.82	$417.44	$829.01	$1,240.59	$1,652.17	$155.13
3000	$117.12	$228.38	$487.99	$970.12	$1,452.25	$1,934.37	$171.42
3500	$133.41	$260.95	$558.54	$1,111.22	$1,663.90	$2,216.58	$187.70
4000	$163.26	$320.65	$687.91	$1,369.96	$2,052.00	$2,734.05	$271.84
5000	$195.82	$385.78	$829.01	$1,652.17	$2,475.32	$3,298.47	$304.40
6000	$228.38	$450.90	$970.12	$1,934.37	$2,898.63	$3,862.88	$336.97
7000	$260.95	$516.03	$1,111.22	$2,216.58	$3,321.94	$4,427.30	$369.53

Monthly Rates Zone 1, Hauled Water FY2019 July 1, 2018 through June 30, 2019

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$23.60	$41.10	$81.94	$157.78	$233.63	$309.47	
150	$25.29	$44.49	$89.28	$172.46	$255.64	$338.82	
200	$26.99	$47.88	$96.62	$187.13	$277.65	$368.17	$83.45
250	$28.68	$51.26	$103.95	$201.81	$299.66	$397.52	$85.14
300	$30.37	$54.65	$111.29	$216.48	$321.68	$426.87	$86.84
350	$32.07	$58.04	$118.63	$231.16	$343.69	$456.22	$88.53
400	$33.76	$61.42	$125.97	$245.83	$365.70	$485.57	$90.22

450	$35.45	$64.81	$133.30	$260.51	$387.71	$514.92	$91.92
500	$37.15	$68.19	$140.64	$275.18	$409.72	$544.27	$93.61
550	$38.84	$71.58	$147.98	$289.86	$431.74	$573.62	$95.30
600	$40.53	$74.97	$155.32	$304.53	$453.75	$602.97	$97.00
650	$42.23	$78.35	$162.65	$319.21	$475.76	$632.32	$98.69
700	$43.92	$81.74	$169.99	$333.88	$497.77	$661.67	$100.38
750	$45.61	$85.13	$177.33	$348.56	$519.79	$691.02	$102.08
800	$47.31	$88.51	$184.66	$363.23	$541.80	$720.36	$103.77
850	$49.00	$91.90	$192.00	$377.91	$563.81	$749.71	$105.46
900	$50.69	$95.29	$199.34	$392.58	$585.82	$779.06	$107.16
1000	$54.08	$102.06	$214.01	$421.93	$629.85	$837.76	$110.54
1200	$60.85	$115.61	$243.36	$480.63	$717.90	$955.16	$117.31
1400	$67.62	$129.15	$272.71	$539.33	$805.94	$1,072.56	$124.09
1500	$71.01	$135.92	$287.39	$568.68	$849.97	$1,131.26	$127.47
1750	$79.48	$152.86	$324.08	$642.05	$960.03	$1,278.01	$135.94
2000	$87.94	$169.79	$360.76	$715.43	$1,070.09	$1,424.76	$144.41
2500	$104.88	$203.65	$434.14	$862.18	$1,290.21	$1,718.25	$161.34
3000	$121.81	$237.52	$507.51	$1,008.92	$1,510.34	$2,011.75	$178.27
3500	$138.74	$271.38	$580.88	$1,155.67	$1,730.46	$2,305.24	$195.20
4000	$169.79	$333.48	$715.43	$1,424.76	$2,134.08	$2,843.41	$282.72
5000	$203.65	$401.21	$862.18	$1,718.25	$2,574.33	$3,430.41	$316.58
6000	$237.52	$468.94	$1,008.92	$2,011.75	$3,014.57	$4,017.40	$350.45
7000	$271.38	$536.67	$1,155.67	$2,305.24	$3,454.82	$4,604.39	$384.31

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

Zone 2 Hauled Water Rates

Monthly Rates Zone 2, Hauled Water FY2015 Through June 30, 2015

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$29.90	$54.96	$113.44	$222.04	$330.64	$439.25	
150	$31.24	$57.64	$119.25	$233.67	$348.09	$462.51	
200	$32.58	$60.33	$125.07	$245.30	$365.54	$485.77	$122.09
250	$33.92	$63.01	$130.89	$256.94	$382.99	$509.04	$123.43
300	$35.26	$65.70	$136.70	$268.57	$400.44	$532.30	$124.78
350	$36.61	$68.38	$142.52	$280.20	$417.88	$555.57	$126.12
400	$37.95	$71.06	$148.33	$291.83	$435.33	$578.83	$127.46
450	$39.29	$73.75	$154.15	$303.46	$452.78	$602.10	$128.80
500	$40.63	$76.43	$159.97	$315.10	$470.23	$625.36	$130.14
550	$41.98	$79.12	$165.78	$326.73	$487.68	$648.62	$131.49
600	$43.32	$81.80	$171.60	$338.36	$505.12	$671.89	$132.83
650	$44.66	$84.49	$177.41	$349.99	$522.57	$695.15	$134.17
700	$46.00	$87.17	$183.23	$361.63	$540.02	$718.42	$135.51
750	$47.34	$89.85	$189.05	$373.26	$557.47	$741.68	$136.86
800	$48.69	$92.54	$194.86	$384.89	$574.92	$764.94	$138.20

850	$50.03	$95.22	$200.68	$396.52	$592.37	$788.21	$139.54
900	$51.37	$97.91	$206.49	$408.15	$609.81	$811.47	$140.88
1000	$54.06	$103.28	$218.13	$431.42	$644.71	$858.00	$143.57
1200	$59.42	$114.01	$241.39	$477.95	$714.50	$951.06	$148.94
1400	$64.79	$124.75	$264.65	$524.47	$784.29	$1,044.12	$154.30
1500	$67.48	$130.12	$276.29	$547.74	$819.19	$1,090.64	$156.99
1750	$74.19	$143.54	$305.37	$605.90	$906.43	$1,206.96	$163.70
2000	$80.90	$156.96	$334.45	$664.06	$993.67	$1,323.29	$170.41
2500	$94.32	$183.81	$392.61	$780.38	$1,168.15	$1,555.93	$183.83
3000	$107.74	$210.65	$450.77	$896.70	$1,342.64	$1,788.57	$197.25
3500	$121.16	$237.49	$508.93	$1,013.02	$1,517.12	$2,021.21	$210.67
4000	$156.96	$309.09	$664.06	$1,323.29	$1,982.51	$2,641.74	$335.99
5000	$183.81	$362.78	$780.38	$1,555.93	$2,331.48	$3,107.02	$362.83
6000	$210.65	$416.47	$896.70	$1,788.57	$2,680.44	$3,572.31	$389.67
7000	$237.49	$470.15	$1,013.02	$2,021.21	$3,029.40	$4,037.59	$416.52

Monthly Rates Zone 2, Hauled Water FY2016 July 1, 2015 through June 30, 2016

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$32.29	$59.35	$122.51	$239.80	$357.09	$474.39	
150	$33.74	$62.25	$128.79	$252.37	$375.94	$499.51	
200	$35.19	$65.15	$135.07	$264.93	$394.78	$524.64	$131.86
250	$36.64	$68.05	$141.36	$277.49	$413.63	$549.76	$133.31
300	$38.09	$70.95	$147.64	$290.05	$432.47	$574.89	$134.76
350	$39.54	$73.85	$153.92	$302.62	$451.31	$600.01	$136.21
400	$40.99	$76.75	$160.20	$315.18	$470.16	$625.14	$137.66
450	$42.43	$79.65	$166.48	$327.74	$489.00	$650.26	$139.11
500	$43.88	$82.55	$172.76	$340.30	$507.85	$675.39	$140.56
550	$45.33	$85.45	$179.04	$352.87	$526.69	$700.51	$142.01
600	$46.78	$88.35	$185.33	$365.43	$545.53	$725.64	$143.46
650	$48.23	$91.24	$191.61	$377.99	$564.38	$750.76	$144.91
700	$49.68	$94.14	$197.89	$390.56	$583.22	$775.89	$146.35
750	$51.13	$97.04	$204.17	$403.12	$602.07	$801.01	$147.80
800	$52.58	$99.94	$210.45	$415.68	$620.91	$826.14	$149.25
850	$54.03	$102.84	$216.73	$428.24	$639.75	$851.27	$150.70
900	$55.48	$105.74	$223.01	$440.81	$658.60	$876.39	$152.15
1000	$58.38	$111.54	$235.58	$465.93	$696.29	$926.64	$155.05
1200	$64.18	$123.13	$260.70	$516.18	$771.66	$1,027.14	$160.85
1400	$69.98	$134.73	$285.83	$566.43	$847.04	$1,127.64	$166.65
1500	$72.87	$140.53	$298.39	$591.56	$884.73	$1,177.90	$169.55
1750	$80.12	$155.02	$329.80	$654.37	$978.95	$1,303.52	$176.80
2000	$87.37	$169.52	$361.20	$717.18	$1,073.17	$1,429.15	$184.04
2500	$101.87	$198.51	$424.02	$842.81	$1,261.61	$1,680.40	$198.54
3000	$116.36	$227.50	$486.83	$968.44	$1,450.05	$1,931.66	$213.03
3500	$130.86	$256.49	$549.64	$1,094.06	$1,638.49	$2,182.91	$227.53
4000	$169.52	$333.82	$717.18	$1,429.15	$2,141.11	$2,853.08	$362.86
5000	$198.51	$391.80	$842.81	$1,680.40	$2,517.99	$3,355.58	$391.86

6000	$227.50	$449.78	$968.44	$1,931.66	$2,894.87	$3,858.09	$420.85
7000	$256.49	$507.76	$1,094.06	$2,182.91	$3,271.75	$4,360.60	$449.84

Monthly Rates Zone 2, Hauled Water FY2017 July 1, 2016 through June 30, 2017

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$34.87	$64.10	$132.31	$258.99	$385.66	$512.34	
150	$36.44	$67.23	$139.10	$272.55	$406.01	$539.47	
200	$38.00	$70.37	$145.88	$286.12	$426.36	$566.61	$142.41
250	$39.57	$73.50	$152.66	$299.69	$446.72	$593.74	$143.97
300	$41.13	$76.63	$159.45	$313.26	$467.07	$620.88	$145.54
350	$42.70	$79.76	$166.23	$326.83	$487.42	$648.01	$147.10
400	$44.26	$82.89	$173.02	$340.39	$507.77	$675.15	$148.67
450	$45.83	$86.02	$179.80	$353.96	$528.12	$702.28	$150.24
500	$47.39	$89.15	$186.58	$367.53	$548.47	$729.42	$151.80
550	$48.96	$92.28	$193.37	$381.10	$568.83	$756.55	$153.37
600	$50.53	$95.41	$200.15	$394.66	$589.18	$783.69	$154.93
650	$52.09	$98.54	$206.94	$408.23	$609.53	$810.83	$156.50
700	$53.66	$101.68	$213.72	$421.80	$629.88	$837.96	$158.06
750	$55.22	$104.81	$220.50	$435.37	$650.23	$865.10	$159.63
800	$56.79	$107.94	$227.29	$448.93	$670.58	$892.23	$161.19
850	$58.35	$111.07	$234.07	$462.50	$690.93	$919.37	$162.76
900	$59.92	$114.20	$240.85	$476.07	$711.29	$946.50	$164.33
1000	$63.05	$120.46	$254.42	$503.21	$751.99	$1,000.77	$167.46
1200	$69.31	$132.99	$281.56	$557.48	$833.40	$1,109.31	$173.72
1400	$75.57	$145.51	$308.69	$611.75	$914.80	$1,217.86	$179.98
1500	$78.70	$151.77	$322.26	$638.88	$955.50	$1,272.13	$183.11
1750	$86.53	$167.43	$356.18	$706.72	$1,057.26	$1,407.80	$190.94
2000	$94.36	$183.08	$390.10	$774.56	$1,159.02	$1,543.48	$198.77
2500	$110.01	$214.39	$457.94	$910.24	$1,362.54	$1,814.83	$214.42
3000	$125.67	$245.70	$525.78	$1,045.91	$1,566.05	$2,086.19	$230.08
3500	$141.32	$277.01	$593.61	$1,181.59	$1,769.57	$2,357.54	$245.73
4000	$183.08	$360.52	$774.56	$1,543.48	$2,312.40	$3,081.32	$391.89
5000	$214.39	$423.15	$910.24	$1,814.83	$2,719.43	$3,624.03	$423.20
6000	$245.70	$485.77	$1,045.91	$2,086.19	$3,126.46	$4,166.74	$454.51
7000	$277.01	$548.39	$1,181.59	$2,357.54	$3,533.49	$4,709.45	$485.82

Monthly Rates Zone 2, Hauled Water FY2018 July 1, 2017 through June 30, 2018

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$36.27	$66.67	$137.61	$269.35	$401.09	$532.83	
150	$37.89	$69.92	$144.66	$283.46	$422.25	$561.05	
200	$39.52	$73.18	$151.72	$297.57	$443.42	$589.27	$148.10
250	$41.15	$76.44	$158.77	$311.68	$464.58	$617.49	$149.73
300	$42.78	$79.69	$165.83	$325.79	$485.75	$645.71	$151.36
350	$44.41	$82.95	$172.88	$339.90	$506.92	$673.93	$152.99

400	$46.03	$86.20	$179.94	$354.01	$528.08	$702.15	$154.62
450	$47.66	$89.46	$186.99	$368.12	$549.25	$730.38	$156.25
500	$49.29	$92.72	$194.05	$382.23	$570.41	$758.60	$157.87
550	$50.92	$95.97	$201.10	$396.34	$591.58	$786.82	$159.50
600	$52.55	$99.23	$208.16	$410.45	$612.74	$815.04	$161.13
650	$54.17	$102.49	$215.21	$424.56	$633.91	$843.26	$162.76
700	$55.80	$105.74	$222.27	$438.67	$655.08	$871.48	$164.39
750	$57.43	$109.00	$229.32	$452.78	$676.24	$899.70	$166.01
800	$59.06	$112.25	$236.38	$466.89	$697.41	$927.92	$167.64
850	$60.69	$115.51	$243.43	$481.00	$718.57	$956.14	$169.27
900	$62.32	$118.77	$250.49	$495.11	$739.74	$984.36	$170.90
1000	$65.57	$125.28	$264.60	$523.33	$782.07	$1,040.80	$174.15
1200	$72.08	$138.30	$292.82	$579.78	$866.73	$1,153.69	$180.67
1400	$78.60	$151.33	$321.04	$636.22	$951.39	$1,266.57	$187.18
1500	$81.85	$157.84	$335.15	$664.44	$993.72	$1,323.01	$190.44
1750	$89.99	$174.12	$370.43	$734.99	$1,099.55	$1,464.12	$198.58
2000	$98.13	$190.40	$405.70	$805.54	$1,205.38	$1,605.22	$206.72
2500	$114.42	$222.97	$476.25	$946.65	$1,417.04	$1,887.43	$223.00
3000	$130.70	$255.53	$546.81	$1,087.75	$1,628.69	$2,169.64	$239.28
3500	$146.98	$288.09	$617.36	$1,228.85	$1,840.35	$2,451.84	$255.56
4000	$190.40	$374.95	$805.54	$1,605.22	$2,404.90	$3,204.58	$407.57
5000	$222.97	$440.07	$946.65	$1,887.43	$2,828.21	$3,768.99	$440.13
6000	$255.53	$505.20	$1,087.75	$2,169.64	$3,251.52	$4,333.41	$472.69
7000	$288.09	$570.32	$1,228.85	$2,451.84	$3,674.83	$4,897.82	$505.26

Monthly Rates Zone 2, Hauled Water FY2019 July 1, 2018 through June 30, 2019

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week	Extra Call/delivery
100	$37.72	$69.33	$143.11	$280.12	$417.13	$554.14	
150	$39.41	$72.72	$150.45	$294.80	$439.14	$583.49	
200	$41.10	$76.11	$157.78	$309.47	$461.16	$612.84	$154.03
250	$42.80	$79.49	$165.12	$324.15	$483.17	$642.19	$155.72
300	$44.49	$82.88	$172.46	$338.82	$505.18	$671.54	$157.42
350	$46.18	$86.27	$179.80	$353.49	$527.19	$700.89	$159.11
400	$47.88	$89.65	$187.13	$368.17	$549.21	$730.24	$160.80
450	$49.57	$93.04	$194.47	$382.84	$571.22	$759.59	$162.49
500	$51.26	$96.43	$201.81	$397.52	$593.23	$788.94	$164.19
550	$52.96	$99.81	$209.15	$412.19	$615.24	$818.29	$165.88
600	$54.65	$103.20	$216.48	$426.87	$637.25	$847.64	$167.57
650	$56.34	$106.59	$223.82	$441.54	$659.27	$876.99	$169.27
700	$58.04	$109.97	$231.16	$456.22	$681.28	$906.34	$170.96
750	$59.73	$113.36	$238.50	$470.89	$703.29	$935.69	$172.65
800	$61.42	$116.75	$245.83	$485.57	$725.30	$965.04	$174.35
850	$63.11	$120.13	$253.17	$500.24	$747.32	$994.39	$176.04
900	$64.81	$123.52	$260.51	$514.92	$769.33	$1,023.74	$177.73
1000	$68.19	$130.29	$275.18	$544.27	$813.35	$1,082.44	$181.12
1200	$74.97	$143.84	$304.53	$602.97	$901.40	$1,199.83	$187.89

1400	$81.74	$157.38	$333.88	$661.67	$989.45	$1,317.23	$194.67
1500	$85.13	$164.16	$348.56	$691.02	$1,033.47	$1,375.93	$198.05
1750	$93.59	$181.09	$385.24	$764.39	$1,143.53	$1,522.68	$206.52
2000	$102.06	$198.02	$421.93	$837.76	$1,253.60	$1,669.43	$214.99
2500	$118.99	$231.89	$495.30	$984.51	$1,473.72	$1,962.92	$231.92
3000	$135.92	$265.75	$568.68	$1,131.26	$1,693.84	$2,256.42	$248.85
3500	$152.86	$299.62	$642.05	$1,278.01	$1,913.96	$2,549.92	$265.78
4000	$198.02	$389.94	$837.76	$1,669.43	$2,501.09	$3,332.76	$423.87
5000	$231.89	$457.67	$984.51	$1,962.92	$2,941.34	$3,919.75	$457.74
6000	$265.75	$525.40	$1,131.26	$2,256.42	$3,381.58	$4,506.74	$491.60
7000	$299.62	$593.13	$1,278.01	$2,549.92	$3,821.83	$5,093.74	$525.47

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

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

E. Piped water rates:

1. Nonmetered:

FY 2015 Through June 30, 2015	FY 2016 July 1, 2015 – June 30, 2016	FY 2017 July 1, 2016 – June 30, 2017	FY 2018 July 1, 2017 – June 30, 2018	FY 2019 July 1, 2018 – June 30, 2019
$210.24	$227.06	$245.22	$255.03	$265.23

2. Commercial Metered service: thirty-six dollars and ninety-two cents ($36.92) per one thousand (1,000) gallons;

a. Any nonresidential customer on piped services shall be charged the meter rate.

3. Water service picked up at the pump house per approximate gallon: four cents ($0.04) per gallon (one dollar ($1.00) per minute approximately four cents ($0.04) per gallon).

13.16.025 Protection from plumbing failure.

In cases where a documented plumbing malfunction or breakage occurs in a metered residence, and there is an unusually high water usage, the customer can request a reversal of fees above and beyond an average rate reflecting three (3) months' metered consumption. Such reversal shall be at the discretion of the city administration.

13.16.030 Sewage service.

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

A. Hauled sewer evacuation services, involving the following capacities, frequencies, extra haul charges and rates are:

Monthly Rates, Hauled Sewer FY2015 Through June 30, 2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$22.43	$39.94	$80.04	$155.21	$230.38	$293.79	
150	$23.37	$41.84	$84.11	$163.35	$242.59	$309.45	
200	$24.32	$43.73	$88.18	$171.49	$254.80	$325.11	$63.11
250	$25.27	$45.63	$92.25	$179.63	$267.01	$340.76	$64.01
300	$26.22	$47.53	$96.32	$187.77	$279.22	$356.42	$64.91
350	$27.17	$49.42	$100.39	$195.91	$291.44	$372.08	$65.82
400	$28.12	$51.32	$104.46	$204.05	$303.65	$387.73	$66.72
450	$29.07	$53.22	$108.53	$212.20	$315.86	$403.39	$67.62
500	$30.01	$55.11	$112.60	$220.34	$328.07	$419.05	$68.53
550	$30.96	$57.01	$116.67	$228.48	$340.29	$434.71	$69.43
600	$31.91	$58.91	$120.74	$236.62	$352.50	$450.36	$70.33
650	$32.86	$60.81	$124.81	$244.76	$364.71	$466.02	$71.24
700	$33.81	$62.70	$128.88	$252.90	$376.92	$481.68	$72.14
750	$34.76	$64.60	$132.96	$261.05	$389.14	$497.33	$73.04
800	$35.70	$66.50	$137.03	$269.19	$401.35	$512.99	$73.95
850	$36.65	$68.39	$141.10	$277.33	$413.56	$528.65	$74.85
900	$37.60	$70.29	$145.17	$285.47	$425.77	$544.30	$75.75
1000	$39.50	$74.08	$153.31	$301.75	$450.20	$575.62	$77.56
1200	$43.29	$81.67	$169.59	$334.32	$499.05	$638.24	$81.17
1400	$47.09	$89.26	$185.88	$366.89	$547.90	$700.87	$84.78
1500	$48.98	$93.05	$194.02	$383.17	$572.32	$732.19	$86.59
1750	$53.72	$102.54	$214.37	$423.88	$633.38	$810.47	$91.11
2000	$58.47	$112.02	$234.73	$464.59	$694.44	$888.75	$95.62
2500	$67.95	$130.99	$275.43	$546.00	$816.57	$1,045.32	$104.66
3000	$77.44	$149.96	$316.14	$627.42	$938.69	$1,201.89	$113.69
3500	$86.92	$168.93	$356.85	$708.83	$1,060.82	$1,358.46	$122.72
4000	$112.02	$219.13	$464.59	$924.30	$1,384.02	$1,772.83	$191.25
5000	$130.99	$257.07	$546.00	$1,087.14	$1,628.27	$2,085.97	$209.31
6000	$149.96	$295.01	$627.42	$1,249.97	$1,872.52	$2,399.11	$227.38
7000	$168.93	$332.94	$708.83	$1,412.80	$2,116.77	$2,712.24	$245.44

Monthly Rates, Hauled Sewer FY2016 July 1, 2015 through June 30, 2016

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$23.55	$41.94	$84.04	$162.97	$241.89	$308.48	$0.00

150	$24.54	$43.93	$88.31	$171.51	$254.72	$324.92	$0.00
200	$25.54	$45.92	$92.59	$180.06	$267.54	$341.36	$66.26
250	$26.54	$47.91	$96.86	$188.61	$280.36	$357.80	$67.21
300	$27.53	$49.90	$101.13	$197.16	$293.19	$374.24	$68.16
350	$28.53	$51.90	$105.41	$205.71	$306.01	$390.68	$69.11
400	$29.52	$53.89	$109.68	$214.26	$318.83	$407.12	$70.05
450	$30.52	$55.88	$113.96	$222.81	$331.65	$423.56	$71.00
500	$31.51	$57.87	$118.23	$231.35	$344.48	$440.00	$71.95
550	$32.51	$59.86	$122.51	$239.90	$357.30	$456.44	$72.90
600	$33.51	$61.85	$126.78	$248.45	$370.12	$472.88	$73.85
650	$34.50	$63.85	$131.05	$257.00	$382.95	$489.32	$74.80
700	$35.50	$65.84	$135.33	$265.55	$395.77	$505.76	$75.75
750	$36.49	$67.83	$139.60	$274.10	$408.59	$522.20	$76.69
800	$37.49	$69.82	$143.88	$282.65	$421.42	$538.64	$77.64
850	$38.49	$71.81	$148.15	$291.20	$434.24	$555.08	$78.59
900	$39.48	$73.80	$152.43	$299.74	$447.06	$571.52	$79.54
1000	$41.47	$77.79	$160.98	$316.84	$472.71	$604.40	$81.44
1200	$45.46	$85.75	$178.07	$351.04	$524.00	$670.16	$85.23
1400	$49.44	$93.72	$195.17	$385.23	$575.29	$735.92	$89.02
1500	$51.43	$97.71	$203.72	$402.33	$600.94	$768.79	$90.92
1750	$56.41	$107.66	$225.09	$445.07	$665.05	$850.99	$95.66
2000	$61.39	$117.62	$246.46	$487.81	$729.17	$933.19	$100.40
2500	$71.35	$137.54	$289.20	$573.30	$857.40	$1,097.59	$109.89
3000	$81.31	$157.46	$331.95	$658.79	$985.63	$1,261.99	$119.37
3500	$91.27	$177.37	$374.69	$744.27	$1,113.86	$1,426.38	$128.86
4000	$117.62	$230.09	$487.81	$970.52	$1,453.23	$1,861.47	$200.81
5000	$137.54	$269.92	$573.30	$1,141.49	$1,709.69	$2,190.27	$219.78
6000	$157.46	$309.76	$658.79	$1,312.47	$1,966.14	$2,519.06	$238.75
7000	$177.37	$349.59	$744.27	$1,483.44	$2,222.60	$2,847.86	$257.72

Monthly Rates, Hauled Sewer FY2017 July 1, 2016 through June 30, 2017

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$24.49	$43.61	$87.40	$169.48	$251.57	$320.82	$0.00
150	$25.52	$45.69	$91.84	$178.37	$264.91	$337.92	$0.00
200	$26.56	$47.76	$96.29	$187.27	$278.24	$355.02	$68.91
250	$27.60	$49.83	$100.73	$196.16	$291.58	$372.11	$69.90
300	$28.63	$51.90	$105.18	$205.05	$304.91	$389.21	$70.88
350	$29.67	$53.97	$109.63	$213.94	$318.25	$406.31	$71.87
400	$30.70	$56.04	$114.07	$222.83	$331.58	$423.41	$72.86
450	$31.74	$58.11	$118.52	$231.72	$344.92	$440.50	$73.84
500	$32.77	$60.19	$122.96	$240.61	$358.26	$457.60	$74.83
550	$33.81	$62.26	$127.41	$249.50	$371.59	$474.70	$75.82
600	$34.85	$64.33	$131.85	$258.39	$384.93	$491.80	$76.80
650	$35.88	$66.40	$136.30	$267.28	$398.26	$508.89	$77.79
700	$36.92	$68.47	$140.74	$276.17	$411.60	$525.99	$78.78
750	$37.95	$70.54	$145.19	$285.06	$424.94	$543.09	$79.76
800	$38.99	$72.61	$149.63	$293.95	$438.27	$560.18	$80.75

850	$40.02	$74.69	$154.08	$302.84	$451.61	$577.28	$81.73
900	$41.06	$76.76	$158.52	$311.73	$464.94	$594.38	$82.72
1000	$43.13	$80.90	$167.41	$329.51	$491.62	$628.57	$84.69
1200	$47.27	$89.19	$185.20	$365.08	$544.96	$696.96	$88.64
1400	$51.42	$97.47	$202.98	$400.64	$598.30	$765.35	$92.58
1500	$53.49	$101.61	$211.87	$418.42	$624.97	$799.55	$94.56
1750	$58.67	$111.97	$234.09	$462.87	$691.65	$885.03	$99.49
2000	$63.85	$122.33	$256.32	$507.33	$758.33	$970.52	$104.42
2500	$74.20	$143.04	$300.77	$596.23	$891.69	$1,141.49	$114.28
3000	$84.56	$163.76	$345.23	$685.14	$1,025.05	$1,312.47	$124.15
3500	$94.92	$184.47	$389.68	$774.05	$1,158.41	$1,483.44	$134.01
4000	$122.33	$239.29	$507.33	$1,009.34	$1,511.35	$1,935.93	$208.84
5000	$143.04	$280.72	$596.23	$1,187.15	$1,778.07	$2,277.88	$228.57
6000	$163.76	$322.15	$685.14	$1,364.96	$2,044.79	$2,619.82	$248.30
7000	$184.47	$363.58	$774.05	$1,542.78	$2,311.51	$2,961.77	$268.03

Monthly Rates, Hauled Sewer FY2018 July 1, 2017 through June 30, 2018

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$25.47	$45.36	$90.89	$176.26	$261.63	$333.66	$0.00
150	$26.55	$47.51	$95.52	$185.51	$275.50	$351.44	$0.00
200	$27.62	$49.67	$100.14	$194.76	$289.37	$369.22	$71.67
250	$28.70	$51.82	$104.76	$204.00	$303.24	$387.00	$72.69
300	$29.78	$53.98	$109.39	$213.25	$317.11	$404.78	$73.72
350	$30.85	$56.13	$114.01	$222.49	$330.98	$422.56	$74.75
400	$31.93	$58.28	$118.63	$231.74	$344.85	$440.34	$75.77
450	$33.01	$60.44	$123.26	$240.99	$358.72	$458.12	$76.80
500	$34.09	$62.59	$127.88	$250.23	$372.59	$475.90	$77.82
550	$35.16	$64.75	$132.50	$259.48	$386.46	$493.69	$78.85
600	$36.24	$66.90	$137.13	$268.73	$400.33	$511.47	$79.87
650	$37.32	$69.06	$141.75	$277.97	$414.20	$529.25	$80.90
700	$38.39	$71.21	$146.37	$287.22	$428.06	$547.03	$81.93
750	$39.47	$73.36	$151.00	$296.46	$441.93	$564.81	$82.95
800	$40.55	$75.52	$155.62	$305.71	$455.80	$582.59	$83.98
850	$41.63	$77.67	$160.24	$314.96	$469.67	$600.37	$85.00
900	$42.70	$79.83	$164.86	$324.20	$483.54	$618.15	$86.03
1000	$44.86	$84.14	$174.11	$342.70	$511.28	$653.72	$88.08
1200	$49.17	$92.75	$192.60	$379.68	$566.76	$724.84	$92.18
1400	$53.47	$101.37	$211.10	$416.67	$622.24	$795.97	$96.29
1500	$55.63	$105.68	$220.34	$435.16	$649.97	$831.53	$98.34
1750	$61.01	$116.45	$243.46	$481.39	$719.32	$920.43	$103.47
2000	$66.40	$127.22	$266.57	$527.62	$788.67	$1,009.34	$108.60
2500	$77.17	$148.76	$312.80	$620.08	$927.36	$1,187.15	$118.86
3000	$87.94	$170.31	$359.04	$712.54	$1,066.05	$1,364.96	$129.11
3500	$98.71	$191.85	$405.27	$805.01	$1,204.75	$1,542.78	$139.37
4000	$127.22	$248.86	$527.62	$1,049.71	$1,571.81	$2,013.37	$217.20
5000	$148.76	$291.95	$620.08	$1,234.64	$1,849.20	$2,368.99	$237.71

6000	$170.31	$335.03	$712.54	$1,419.56	$2,126.58	$2,724.62	$258.23
7000	$191.85	$378.12	$805.01	$1,604.49	$2,403.97	$3,080.24	$278.75

Monthly Rates, Hauled Sewer FY2019 July 1, 2018 through June 30, 2019

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$26.49	$47.17	$94.53	$183.31	$272.10	$347.00	$0.00
150	$27.61	$49.41	$99.34	$192.93	$286.52	$365.49	$0.00
200	$28.73	$51.65	$104.15	$202.55	$300.95	$383.99	$74.53
250	$29.85	$53.89	$108.95	$212.16	$315.37	$402.48	$75.60
300	$30.97	$56.13	$113.76	$221.78	$329.79	$420.97	$76.67
350	$32.09	$58.38	$118.57	$231.39	$344.22	$439.46	$77.74
400	$33.21	$60.62	$123.38	$241.01	$358.64	$457.96	$78.80
450	$34.33	$62.86	$128.19	$250.63	$373.07	$476.45	$79.87
500	$35.45	$65.10	$132.99	$260.24	$387.49	$494.94	$80.94
550	$36.57	$67.34	$137.80	$269.86	$401.91	$513.43	$82.00
600	$37.69	$69.58	$142.61	$279.47	$416.34	$531.93	$83.07
650	$38.81	$71.82	$147.42	$289.09	$430.76	$550.42	$84.14
700	$39.93	$74.06	$152.23	$298.71	$445.19	$568.91	$85.20
750	$41.05	$76.30	$157.03	$308.32	$459.61	$587.40	$86.27
800	$42.17	$78.54	$161.84	$317.94	$474.04	$605.90	$87.34
850	$43.29	$80.78	$166.65	$327.56	$488.46	$624.39	$88.40
900	$44.41	$83.02	$171.46	$337.17	$502.88	$642.88	$89.47
1000	$46.65	$87.50	$181.08	$356.40	$531.73	$679.87	$91.60
1200	$51.13	$96.46	$200.31	$394.87	$589.43	$753.84	$95.87
1400	$55.61	$105.42	$219.54	$433.33	$647.12	$827.80	$100.14
1500	$57.85	$109.91	$229.16	$452.56	$675.97	$864.79	$102.27
1750	$63.45	$121.11	$253.20	$500.64	$748.09	$957.25	$107.61
2000	$69.06	$132.31	$277.24	$548.72	$820.21	$1,049.71	$112.94
2500	$80.26	$154.71	$325.32	$644.89	$964.45	$1,234.64	$123.61
3000	$91.46	$177.12	$373.40	$741.05	$1,108.70	$1,419.56	$134.28
3500	$102.66	$199.52	$421.48	$837.21	$1,252.94	$1,604.49	$144.95
4000	$132.31	$258.82	$548.72	$1,091.70	$1,634.68	$2,093.90	$225.88
5000	$154.71	$303.63	$644.89	$1,284.02	$1,923.16	$2,463.75	$247.22
6000	$177.12	$348.43	$741.05	$1,476.35	$2,211.65	$2,833.60	$268.56
7000	$199.52	$393.24	$837.21	$1,668.67	$2,500.13	$3,203.45	$289.90

A. Evacuation Service.

1. a. On schedule, per rates in the schedule in BMC 13.16.020(B).

b. In addition to usage charges under BMC 13.16.020(B) and (H), sewer customers shall pay eight dollars ($8) monthly per sewer subscription for facility charges to recover the cost of sewer system capital improvements and depreciation.

B. No new services for evacuation more than two (2) times a week will be established.

C. Piped sewer service:

1. Flat rate Nonmetered per month per dwelling unit (metered and nonmetered service): fifty dollars and seventeen cents ($50.17) per month per dwelling unit;

FY 2015 Through June 30, 2015	FY 2016 July 1, 2015 – June 30, 2016	FY 2017 July 1, 2016 – June 30, 2017	FY 2018 July 1, 2017 – June 30, 2018	FY 2019 July 1, 2018 – June 30, 2019
$52.68	$55.32	$57.53	$59.83	$62.22

2. Commercial Metered service per one thousand (1,000) gallons: seventeen dollars and forty-nine cents ($17.49) per one thousand (1,000) gallons.

a. Any nonresidential customer on piped services shall be charged the meter rate.

13.16.035 Hauled water /sewer services extra call/haul request.

A. Any hauled water customer may request an extra call for water delivery on a form provided by the finance department indicating the number of gallons of water requested. Each extra call for water delivery will have a corresponding extra haul for sewer evacuation at the rate corresponding to the number gallons requested for the extra call for water, to be paid at the same time as the extra call for water.

B. Hauled services extra call after regular business hours shall be the corresponding rate listed in BMC 13.16.020 A or B or 13.16.030 A depending on the type of service and the zone, plus one hundred and fifty dollars ($150).

13.16.045 Prepaid services.

A. Any person or entity may at any time, without regard to subscription to services, status of an account or indebtedness to the city, receive water or sewer service by prepaying.

B. The charge for prepaid services will be the applicable extra call fee.

C. The city can refuse service under this section if the customer does not have a suitable tank or reasonable access.

13.16.050 Holidays.

The monthly residential/commercial rates charges for the collection of garbage, rubbish and waste material, delivery of water and removal of sewage within the city shall not include providing such services on or during officially recognized city holidays as described in the city's personnel rules.

13.16.060 Allowance for mechanical malfunctions.

The monthly residential/commercial rates charged for the collection of garbage, rubbish and waste material, delivery of water and removal of sewage within the city are also established on the basis of three (3) days per year for garbage service, three (3) days per year for water service and three (3) days per year for sewer service which may not be implemented because of mechanical malfunctions experienced by city-owned vehicles engaged in providing the utility services described in this section.

13.16.070 Adjustments for nonservice.

Customers who do not receive residential/commercial garbage, water or sewer services four (4) or more times a year in each of the utility service areas mentioned in this chapter, excluding officially recognized city holidays, physical or other impediments created by the customer to all residential/commercial garbage, water or sewer areas (e.g., locked doors, the presence of animals) and the three (3) days per year per utility service area which may not be implemented because of mechanical malfunctions experienced by city-owned vehicles engaged in providing the utility services described in this section, may request and shall be granted by the city an adjustment to their utility bills as supported by utility records maintained by the city's public works department and finance department. Such requests by a utility customer shall be made to the city's finance department within thirty (30) days after utility bills are mailed by the city. If a utility customer makes a request for an adjustment to the utility bill after the thirty (30) day time period, such request will be considered invalid by the city.

13.16.080 Senior citizen credit.

A. Any Bethel citizen at least sixty-five (65)_years of age residing in their own household shall receive a twenty-five dollars ($25.00) monthly utility credit, if they are the primary source of income, after making application for such at the city utilities office.

B. All other Bethel citizens at least sixty (60) years of age that do not meet the conditions of subsection A of this section shall receive up to a ten dollars ($10) monthly utility credit after making application for such to the city utilities office.

C. Each residential unit shall be limited to one (1) credit application.

13.16.080 Contractual agreements.

The city manager shall have the power and authority to enter into contractual arrangements with any person for the provision of any of the services described in this

chapter at rates or terms different from those set out in this chapter, subject to the approval of the city council.

City of Bethel ATTACHMENT 1

Hauled Water, Single Zone for entire service area

Cost of Service Rates, FY 2013 with no decreases from current

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$20.13	$35.94	$72.84	$141.36	$209.89	$278.41	$69.48
150	$21.33	$38.34	$78.03	$151.75	$225.47	$299.18	$70.68
200	$22.53	$40.74	$83.23	$162.13	$241.04	$319.95	$71.88
250	$23.72	$43.13	$88.42	$172.52	$256.62	$340.72	$74.05
300	$24.92	$45.53	$93.61	$182.91	$272.20	$361.50	$76.67
350	$26.12	$47.93	$98.80	$193.29	$287.78	$388.16	$79.28
400	$27.32	$50.32	$104.00	$203.68	$305.12	$416.91	$81.90
450	$28.52	$52.72	$109.19	$214.06	$323.75	$442.61	$84.51
500	$29.72	$55.12	$114.38	$224.45	$340.14	$465.22	$87.13
550	$30.91	$58.53	$120.44	$247.61	$381.55	$522.21	$89.75
600	$32.11	$60.45	$124.77	$255.59	$393.73	$538.75	$92.37
650	$33.31	$68.57	$141.25	$290.68	$448.34	$614.18	$94.98
700	$34.51	$70.79	$145.79	$299.93	$406.58	$633.40	$97.59
750	$35.71	$73.08	$150.47	$309.48	$477.08	$653.21	$100.21
800	$40.81	$84.29	$173.79	$358.05	$552.79	$749.30	$102.83
850	$42.14	$86.99	$179.29	$369.29	$569.99	$781.39	$105.45
900	$43.50	$89.76	$184.94	$380.82	$587.63	$805.36	$108.07
1000	$46.32	$95.51	$196.69	$404.76	$624.22	$855.04	$113.29
1200	$55.45	$114.54	$236.29	$487.04	$751.42	$1,015.55	$123.77
1400	$64.58	$133.56	$275.89	$569.33	$878.63	$1,176.05	$134.23
1500	$78.52	$157.04	$314.08	$628.15	$942.23	$1,256.30	$139.46
1750	$89.84	$179.67	$359.35	$718.69	$1,078.03	$1,437.37	$152.54
2000	$101.16	$202.31	$404.62	$809.23	$1,213.84	$1,618.44	$165.63
2500	$123.79	$247.58	$495.15	$990.30	$1,485.45	$1,980.59	$210.88
3000	$146.42	$292.85	$585.69	$1,171.38	$1,757.06	$2,342.74	$217.97
3500	$169.06	$338.11	$676.23	$1,352.45	$2,028.68	$2,704.89	$244.13
4000	$194.47	$390.39	$783.75	$1,573.36	$2,368.82	$3,170.11	$331.26
5000	$247.58	$495.15	$990.31	$1,980.60	$2,970.91	$3,961.19	$383.59

Sewer

Cost of Service Rates, FY 2013 with no decreases from current

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Delivery
100	$21.36	$38.04	$76.96	$149.24	$221.51	$293.79	$61.30
150	$22.26	$39.84	$80.87	$157.06	$233.26	$309.45	$62.20
200	$23.16	$41.65	$84.79	$164.89	$245.00	$325.11	$65.95
250	$24.07	$43.46	$88.70	$172.72	$256.74	$340.76	$67.20

300	$24.97	$45.26	$92.61	$180.55	$268.49	$356.42	$68.45
350	$25.87	$47.07	$96.53	$188.38	$280.23	$372.08	$69.70
400	$26.78	$48.88	$100.44	$196.21	$291.97	$387.73	$70.95
450	$27.68	$50.68	$104.36	$204.03	$303.71	$403.39	$72.20
500	$28.58	$52.49	$108.27	$211.86	$315.46	$419.05	$73.45
550	$29.49	$54.30	$112.19	$219.69	$327.20	$434.71	$74.68
600	$30.39	$56.10	$116.10	$227.52	$338.94	$450.36	$75.94
650	$31.29	$57.91	$120.01	$235.35	$350.68	$466.02	$77.19
700	$32.20	$59.72	$123.93	$243.18	$362.43	$481.68	$78.43
750	$33.10	$61.52	$127.84	$251.01	$374.17	$497.33	$79.68
800	$34.00	$63.33	$131.76	$258.83	$385.91	$512.99	$80.93
850	$34.91	$65.14	$135.67	$266.66	$397.65	$528.65	$82.17
900	$35.81	$66.94	$139.58	$274.49	$409.40	$544.30	$83.42
1000	$37.62	$70.56	$147 41	$290.15	$432.88	$575.62	$85.92
1200	$41.23	$77.78	$163.07	$321.46	$479.85	$638.24	$90.91
1400	$44.84	$85.01	$178.73	$352.78	$526.82	$700.87	$95.90
1500	$46.65	$88.62	$186.56	$368.43	$550.31	$732.19	$98.40
1750	$51.17	$97.65	$206 13	$407.57	$609.02	$810.47	$104.63
2000	$55.68	$106.69	$225.70	$446.72	$667.74	$888.75	$110.88
2500	$64.72	$124.75	$264 84	$525.00	$785.16	$1,045.32	$123.35
3000	$73.75	$142.82	$303.98	$603.29	$902.59	$1,201.89	$135.83
3500	$82.78	$161.93	$343.12	$681.57	$1,020.02	$1,358.46	$147.40
4000	$106.69	$208.70	$446.72	$888.75	$1,330.79	$1,772.83	$220.85
5000	$124.75	$244.83	$525.00	$1,045.32	$1,565.65	$2,085.97	$245.80

Attachment 2

13.16.090 Annual Inflation Increase

All rates adopted under this chapter shall be increased on July 1st of each year by two (2 %) percent unless the council determines that all water-sewer costs are being fully met and an increase is no longer necessary.

Attachment 3

13.16.100 Segregation of Funds. The monthly facility charge assessed to all water and/or sewer users shall be set aside into a separate interest bearing account to be levied as matching funds for grants, loans or used on needed capital improvements to the piped utility system. Withdrawals from the segregated fund can only occur with a majority vote of the council.

Introduced by: Interim City Manager Greg Moyer
Introduction Date: July 22, 2014
Public Hearing: August 12, 2014

Action:
Vote:

CITY OF BETHEL, ALASKA

ORDINANCE # 14-14 (b)

An Ordinance of the Bethel City Council Amending the Adopted Annual FY 2015 Budget

Be it Enacted by the Bethel City Council that the FY 2015 Annual Budget be amended as follows:

Section 1. That the following sums of money as may be needed or deemed necessary to provide for increased expenses and liabilities of the City of Bethel are hereby appropriated for the corporate purposes and objects of the City hereinafter specified for Fiscal Year 2015, July 1, 2014 to June 30, 2015.

Section 2. The following is a summary of the changes by fund and department:

YK Aquatic Center (40)

Budget Modification
Change to YK Aquatic Center

	Increases	
40-50-649	Project Managers Fees	46,733
40-50-646	Contractor's Fee	289,565
	Total Increases	**336,299**
	Decreases	
	Total Decreases	**0**
TOTAL	**Net Change to YK Aquatic Center Fund Appropriations**	**336,299**

Budget Modification

	Increases	
	Total Increases	**0**
	Decreases	
	Total Decreases	
TOTAL	**Net Change to General Fund Appropriations**	**0**

TOTAL CHANGE TO OVERALL CITY BUDGET

	Change to Revenues Increase/(Decrease)	***336,299***
	Change to Appropriations Increase/(Decrease)	***336,299***
	These changes *INCREASE*↑ the overall expenditures/expenses of the City by	**(0)**

Section 3. Effective Date. This ordinance becomes effective immediately upon adoption.

PASSED AND APPROVED THIS __ DAY OF May BY A VOTE OF __ IN FAVOR AND __ OPPOSED.

ATTEST:

Joseph A. Klejka, Mayor

Lori Strickler, City Clerk

CITY OF BETHEL

Finance Director's Office
P.O. Box 1388
Bethel, Alaska 99559
Ph. (907) 543-1376
Fax (907) 543-5294

Memorandum

To: Bethel City Council

Cc: Greg Moyer, Interim City Manager

From: Hansel L Mathlaw, Finance Director

Date: July 15, 2014

Re: Justifications for Budget Modification Request

Listed below is an explanation for the budget modification requested in Ordinance #14-14 (b)

The contract between USA Pools has been signed. This budget modification is for the START UP budget for the YK Aquatic Center as approved by the City Council on July 8, 2014.

BUDGET MODIFICATION ORDINANCE #14-14 (b) - To keep things simple, there are only two budget line items:

1) 40-50-649, Project Managers Fee of $46,733, which represents the Monthly lump sum fee of $11,683.63, which is stated in the contract, and

2) 40-50-646, Contractor's Fee of $289,565, which represents the proposed start-up budget, cost reimbursable.

NOT IN BUDGET ORDINANCE (INFORMATIONAL)
The other budget prepared will be presented to USA Pools. This budget includes finer detail for USA Pools to follow. This budget is in the signed contract and mirrors the city's budget format. USA Pools will submit monthly financial reports in this format so the City can monitor the progress of USA Pools.

Yukon Kuskokwim Regional Health and Aquatic Safety Training Center (40-50)		FY 2015 Approved Budget
REVENUES:		-
40-46-412	Local Sources Sales Tax Revenue	289,565
	Total Revenues	289,565
EXPENSES:		
PERSONNEL:		
	Salaries, Benefits & Taxes minus EGHB	67,650
	Overtime	-
	Employee Group Health Benefits	-
	Total Personnel	67,650
MATERIALS, SUPPLIES, & SERVICES		
545	Training/Travel	21,700
561	Supplies	38,590
562	Materials (Includes Freight Charges)	
521	Housing	12,000
602	Gasoline/Diesel/Oil	2,000
621	Electricity	
622	Telephone	
624	Water/Sewer/Garbage	
642	Legal Fees	
661	Vehicle Maint/Repairs	
669	Other Professional Services	5,625
683	Minor Equipment	26,300
721	Insurance	17,500
727	Advertising/Marketing	16,700
799	Miscellaneous	51,500
998	Administrative Overhead	
	Total MS&S	191,915
	Total Operating Expenses	259,565
DEBT PAYMENTS:		
	Total Debt Payments	-
PROJECT EXPENSES (40-50-77X)		
		-
	Total Project Expenses	-
CAPITAL EXPENSES (40-50-690)	**Truck**	30,000
	Total Capital Expenses	30,000
	Total Operating, Debt, Projects & Capital	289,565
Total revenues over expenses		(0)

Introduced by: Interim City Manager Greg Moyer
Introduction Date: July 22, 2014
Public Hearing: August 12, 2014

Action:
Vote:

CITY OF BETHEL, ALASKA

ORDINANCE #14-14 (c)

An Ordinance of the Bethel City Council Amending the Adopted Annual FY 2015 Budget

Be it Enacted by the Bethel City Council that the FY 2015 Annual Budget be amended as follows:

Section 1. That the following sums of money as may be needed or deemed necessary to provide for increased expenses and liabilities of the City of Bethel are hereby appropriated for the corporate purposes and objects of the City hereinafter specified for Fiscal Year 2015, July 1, 2014 to June 30, 2015.

Section 2. The following is a summary of the changes by fund and department:

GENERAL FUND (10)

Budget Modification
Change to Finance Department

	Increases	
10-53-649	Other Professional Services	38,380
	Total Increases	**38,380**
	Decreases	
	Total Decreases	**0**
TOTAL	**Net Change to General Fund Appropriations**	**38,380**

Budget Modification

	Increases	
	Total Increases	**0**
	Decreases	
	Total Decreases	
TOTAL	**Net Change to General Fund Appropriations**	**0**

TOTAL CHANGE TO OVERALL CITY BUDGET

	Change to Revenues Increase/(Decrease)	***38,380***
	Change to Appropriations Increase/(Decrease)	***38,380***
	These changes *INCREASE*↑ the overall expenditures/expenses of the City by	**0**

Section 3. Effective Date. This ordinance becomes effective immediately upon adoption.

PASSED AND APPROVED THIS __ DAY OF May BY A VOTE OF __ IN FAVOR AND __ OPPOSED.

ATTEST:

_____
Joseph A. Klejka, Mayor

_____
Lori Strickler, City Clerk

CITY OF BETHEL

Finance Director's Office
P.O. Box 1388
Bethel, Alaska 99559
Ph. (907) 543-1376
Fax (907) 543-5294

Memorandum

To: Bethel City Council

Cc: Greg Moyer, Interim City Manager

From: Hansel L Mathlaw, Finance Director

Date: July 15, 2014

Re: Justifications for Budget Modification Request

Listed below is an explanation for the budget modification requested in Ordinance #14-14 (c)

Problem

Training
None of the current Finance Department staff members have had any formal Caselle accounting software training. Staff members need Caselle accounting software training to perform their jobs duties effectively and efficiently.

Personnel Shortage
In July 2014, General Ledger Analyst left employ of the City and Assistant Finance Director assumed part time position of Interim HR Director. The annual city audit preparation that occurs in July-October requires human resources that the City does not currently possess.

Solution

Training
City of Bethel to host Caselle trainers in Bethel for three-day, hands-on training for Finance Department staff members at a total cost of $12,280. The cost to bring two trainers to Bethel to train five is less expensive than paying five staff members to attend an out-of-town training. This training amount is not in the FY 2015 City Budget.

Personnel Shortage
The City can use the bid process to contract with an accounting firm to provide accounting services to assist the City in preparing for its annual audit. The expected cost is $26,100. This amount is not in the FY 2015 City Budget.

Budget Impact

The new expenditures detailed above total $38,380. The amount will be funded from the actual PILT amount collect which was $72,623 greater than the amount budgeted ($800,000).

Suggested Amendments from the Finance Director

ORDINANCE #14-14 (c)

GENERAL FUND (10)

Budget Modification

Change to Finance Department

	Increases	
10-53-649	Other Professional Services	38,380
	Total Increases	**38,380**
	Decreases	
10-53-501	Salaries	(9,902)
10-53-508	Leave Cashout	(495)
10-53-518	PERS	(2,178)
10-53-511	Medicare	(143)
10-53-519	Utility Benefit	(408)
	Total Decreases	**(13,126)**
TOTAL	**Net Change to General Fund Appropriations**	**25,254**

Budget Modification

	Increases	
	Total Increases	**0**
	Decreases	
	Total Decreases	
TOTAL	**Net Change to General Fund Appropriations**	**0**

TOTAL CHANGE TO OVERALL CITY BUDGET

	Change to Revenues Increase/(Decrease)	***25,254***
	Change to Appropriations Increase/(Decrease)	***25,254***
	These changes *INCREASE*↑ the overall expenditures/expenses of the City by	**0**

Section 3. Effective Date. This ordinance becomes effective immediately upon adoption.

PASSED AND APPROVED THIS __ DAY OF May BY A VOTE OF __ IN FAVOR AND __ OPPOSED.

ATTEST:

Joseph A. Klejka, Mayor

Lori Strickler, City Clerk

Introduced by: Interim City Manager Moyer
Date: July 22, 2014
Public Hearing: August 12, 2014
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance #14-17

AN ORDINANCE BY THE BETHEL CITY COUNCIL AMENDING CHAPTER 4.20 PURCHASING

THEREFORE BE IT ORDAINED by the City Council of Bethel, Alaska, that the Bethel Municipal Code shall be amended and revised as follows:

SECTION 1. Classification. This ordinance is of a permanent nature and shall become a part of the Bethel Municipal Code.

SECTION 2. Amending BMC Title 4.20 The Bethel Municipal Code is amended as follows (new language is underlined and ~~old language is stricken out~~):

4.20.100 Competitive sealed proposals.
A. Conditions for Use. When the purchasing agent determines, in writing, that the use of competitive sealed bidding is either not practicable or not advantageous to the city, a contract may be entered into by use of the competitive sealed proposal method.

B. Request for Proposals. Proposals shall be solicited through a request for proposals.

C. Public Notice. Adequate public notice of the request for proposals shall be given in the same manner as provided in BMC 4.20.090(C).

D. Receipt of Proposals. No proposals shall be handled so as to permit disclosure of the identity of any offeror or the content of any proposal to competing offerors during the process of negotiation. A register of proposals shall be prepared containing the name of each offeror, the number of modifications received, if any, and a description sufficient to identify the item offered. The register of proposals shall be open for public inspection only after contract award. The name of the proposer may be disclosed to the City Council upon presentation of a negotiated contract for review and possible approval.

E. Evaluation Factors. The request for proposals shall state the relative importance of price and other evaluation factors. The evaluation factors shall include a statement that

any local business submitting a proposal shall receive a five (5) percent preference in evaluating the proposed price.

F. Discussion with Responsible Offerors and Revisions to Proposals. As provided in the request for proposals, discussions may be conducted with responsible offerors who submit proposals determined to be reasonably susceptible of being selected for award for the purpose of clarification to assure full understanding of, and conformance to, the solicitation requirements. Offerors shall be accorded fair and equal treatment with respect to any opportunity for discussion and revisions of proposals and such revisions may be permitted after submissions and prior to award for the purpose of obtaining best and final offers. In conducting discussions, there shall be no disclosure of the identity of competing offerors, or of any information derived from proposals submitted by competing offerors.

G. Award. Award shall be made to the responsible offeror whose proposal is determined in writing to be the most advantageous to the city, taking into consideration price and the evaluation factors set forth in the evaluation. The contract file shall contain the basis on which the award was made.

SECTION 5. Effective Date. This section shall become effective August 13, 2014.

ENACTED THIS _____ DAY OF _____ 2014, BY A VOTE OF ___IN FAVOR AND ___OPPOSED.

_____
Joseph A. Klejka , Mayor

ATTEST:

_____
Lori Strickler, City Clerk

Introduced by: Mayor Joseph Klejka
Date: July 22, 2014
Public Hearing: August 12, 2014
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance # 14-18

AN ORDINANCE APPROVING THE AQUISITION OF CITY PROPERTY/LAND FROM HOFFMAN FUEL SERVICE, LOCATED AT LOT 1B, BLOCK 7, US SURVEY 3790, PLAT 82-23, BETHEL RECORDING DISTRICT, ALASKA

WHEREAS, in accordance with BMC 4.08.020 the City Council may acquire any interest in real property by purchase, lease, exchange, transfer, donation or any other method; all acquisitions not otherwise provide for by law shall be by ordinance enacted by a majority vote of the City Council;

WHEREAS, Hoffman Fuel Service is owner of real property described as Lot 1B, Block 7, US Survey 3790, Plat 82-23, Bethel Recording District, State of Alaska;

WHEREAS, on July 10, 2014, Hoffman Fuel Service entered a Statutory Warranty deed to the City of Bethel for the above mentioned property;

WHEREAS, Hoffman Fuel Service had been delinquent in their sales taxes to the City of Bethel;

WHEREAS, acceptance of this land by the City of Bethel constitutes a complete and final settlement in case 4BE-09-457-CI;

WHEREAS, all parties understand that if Hoffman Fuel Service ever goes into business again, it agrees to remain compliant with its sales tax obligations;

NOW, THEREFORE BE IT ORDAINED, the City, in consideration of the agreements mentioned herein, acquire in the form of a Statutory Warranty Deed, ownership in the land located at Lot 1B, Block 7, US Survey 3790, Plat 82-23, Bethel Recording District, State of Alaska, together with any structures or other items located on said land.

SECTION 1. Classification. This ordinance is of a general nature and shall not become a part of the Bethel Municipal Code.

SECTION 2. Authorization. Pursuant to Bethel Municipal Code 04.08.020(A) Acquisition of property in the form of land acquisition.

Introduced by: Mayor Joseph Klejka
Date: July 22, 2014
Public Hearing: August 12, 2014
Action:
Vote:

SECTION 3. Effective Date. This Ordinance shall become effective upon the passage by the Bethel City Council.

BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF BETHEL ALASKA, THIS __DAY OF MARCH, BY A VOTE OF _ IN FAVOR AND _ OPPOSED.

_____
Joseph A. Klejka, Mayor

ATTEST:

_____
Lori Strickler, City Clerk

New Business

Introduced by: Vice-Mayor Robb
Date: August 12, 2014
Public Hearing:

Action:
Vote:

CITY OF BETHEL, ALASKA

ORDINANCE #14-16

AN ORDINANCE ESTABLISHING KUIMAVIK-A PLACE TO SWIM AS THE ADVISORY COMMITTEE TO THE CITY COUNCIL FOR THE YUKON KUSKOKWIM REGIONAL AQUATIC HEALTH AND SAFETY CENTER

WHEREAS, the Bethel City Council wishes to promote a community based pool where various organizations within the community can play a part in the effective operation of the facility and the programs within to ensure long term sustainability of such a necessary fixture for our Region;

WHEREAS, with the operations of the Yukon Kuskokwim Regional Aquatic Health and Safety Center "pool" expected to commence in the fall of 2014, the Bethel City Council is looking for a group of committed individuals to, in an advisory capacity, consider matters pertaining to the ongoing operation and maintenance of the pool pertaining to programming, policies with respect to recreation and use, determine ways to generate revenue, and to help the City determine future capital expenditures;

WHEREAS, Kuimavik-"A Place to Swim" is an organized body established in 2011 with the intent to fund-raise and construct an aquatic and fitness center in Bethel to teach water safety, health and fitness and to provide exercise opportunities for youth and adults;

WHEREAS, Kuimavik's Board of Directors consists of, but is not limited to the CEO/President of the Yukon Kuskokwim Health Corporation, Director of the University of Alaska Fairbanks, Kuskokwim Campus, Executive Director of Yuut Elinaurviat-People's Learning Center, Superintendent of Lower Kuskokwim School District, Executive Director of ONC, President of Association of Village Council Presidents, Inc., President of the Association of Village Council Presidents - Regional Housing Authority, Captain of the Alaska National Guard in Bethel, Superintendent of the Iditarod School District, and CEO of Calista Corporation;

WHEREAS, the City of Bethel, City Council will appoint from amongst their body, a member to act as the City of Bethel representative;

WHEREAS, Kuimavik, as an established group with a vested interested in the long term stability of the pool's operations, is interested in remaining an active part of the pool operation and is committed to meeting consistently to address and provide feedback to the Council on the initial and continuous programs established by the pool operators;

WHEREAS, the duties of Kuimavik, as an Advisory Committee to the City Council will consist of but are not limited to:

- Developing annual goals in conjunction with the pool operators to be reviewed and approved by the City Council;
- Advise in planning, and making of recommendations concerning aquatics facilities, programs, outreach, policies and other aquatics related programs for the residents of the city;
- Upon referral of the City Council, review and make recommendations on capital improvement projects for the facility;
- Review and make recommendations to the Council on community services and the coordination of aquatic services at the facility and special events with other governmental and private agencies and voluntary organizations;
- Upon referral from the City Council, conduct studies and make recommendations which promote and encourage high standards and increased opportunities in aquatics offerings and activities and programs that are in the best interest of the City;
- Encourage broad citizen participation in aquatics activities and grant funded program opportunities;
- Act as a sounding board for individuals and organizations having an interest in aquatics programming and feedback for improvement opportunities;
- Perform such other duties and functions as the City Council may from time to time request, or otherwise appoint the committee to administer or coordinate on behalf of the City;

WHEREAS, the membership of the Kuimavik, Advisory Committee, will be based on the terms outlined in Article II of the Kuimavik Bylaws and not by the Bethel Municipal Code title 2.52;

WHEREAS, the powers of the Kuimavik Board with respect to the operation of the pool will be strictly advisory to the City Council, Kuimavik is not authorized to enter into any agreement or to speak on behalf of the pool operations or the City of Bethel;

WHEREAS, Kuimavik will follow the meeting procedures as identified in Article IV of the Bylaws of Kuimavik., which requires reasonable public noticing of their meetings, additionally, following any meeting of the Advisory Committee no matter if quorum is established, the secretary of the body, will provide a copy of the draft meeting minutes to the office of the City Clerk who will submit same to Council for their review and information;

WHEREAS, as provided in the Kuimavik Bylaws, Kuimavik is able to receive advisement from "Supporting Advisory Committees" however, the City Council will only recognize the recommendation coming directly from the established Kuimavik Advisory Committee, as established under this Ordinance;

THEREFORE, BE IT ORDAINED by the City Council of Bethel, Alaska, that: Under an advisory capacity to the City Council, the City Council establishes Kuimavik-A Place to Swim as the authorized body to act as the City Council's advisory body for the Yukon Kuskokwim Regional Aquatic Health and Safety Center's operation.

SECTION 1. Classification. This ordinance is of a permanent nature and shall not become a part of the Bethel Municipal Code.

SECTION 2. Effective Date. This section shall become effective immediately upon the passage by the City Council.

ENACTED THIS _____DAY OF _____, BY A VOTE OF _IN FAVOR AND _OPPOSED.

_____
Joseph A. Klejka, Mayor

ATTEST:

_____
Lori Strickler, City Clerk

Introduced by: Council Member Whitney
Date: August 12, 2014
Public Hearing:
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance #14-19

AN ORDINANCE APPROVING THE AQUISITION OF CITY PROPERTY/LAND LOCATED ON US SURVEY 3790, BLOCK 6, LOT 15D

WHEREAS, in accordance with BMC 4.08.020 the City Council may acquire any interest in real property by purchase, lease, exchange, transfer, donation or any other method; all acquisitions not otherwise provide for by law shall be by ordinance enacted by a majority vote of the City Council;

WHEREAS, Sharon and Samuel Strauss are the owners of real property located at US Survey 3790, Block 6, Lot 15D;

WHEREAS, the Sharon and Samuel Strauss deeded a 978.5 foot portion of said land to the City of Bethel in June of 2014;

WHEREAS, in exchange for said land, the City of Bethel agreed to tear down a nuisance property at no charge to Sharon and Samuel Strauss and agreed to pay for all closing costs, surveys and fees associated with splitting the land;

NOW, THEREFORE BE IT ORDAINED, the City, in consideration of the agreements mentioned herein, may acquire in the form of a warranty deed a portion of US Survey 3790, Block 6, Lot 15D.

SECTION 1. Classification. This ordinance is of a general nature and shall not become a part of the Bethel Municipal Code.

SECTION 2. Authorization. Pursuant to Bethel Municipal Code 04.08.020(A) Acquisition of property in the form of land acquisition.

SECTION 3. Effective Date. This Ordinance shall become effective upon the passage by the Bethel City Council.

BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF BETHEL ALASKA, THIS __DAY OF AUGUST, BY A VOTE OF _ IN FAVOR AND _ OPPOSED.

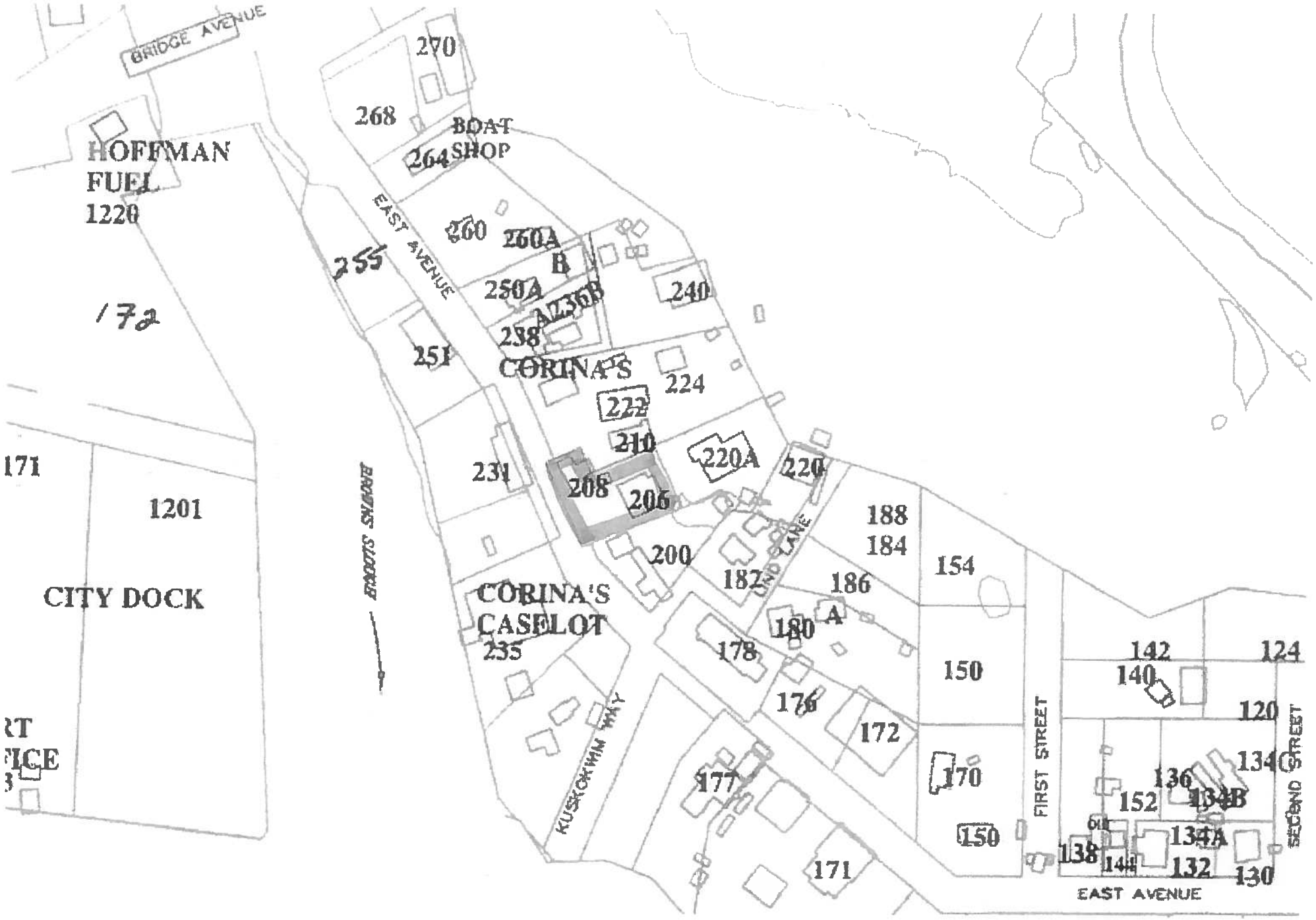
Introduced by: Council Member Whitney
Date: August 12, 2014
Public Hearing:
Action:
Vote:

Joseph A. Klejka, Mayor

ATTEST:

Lori Strickler, City Clerk

STRAUSS PROPERTY



Introduced by: Councilmember Whitney
Date: August 12, 2014
Public Hearing:
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance # 14-20

AN ORDINANCE APPROVING THE RE-AQUISITION OF CITY PROPERTY/LAND FROM LOCATED AT LOT 1-A, BLOCK 16, USS 3230 A & B, BETHEL, ALASKA

WHEREAS, in accordance with BMC 4.08.020 the City Council may acquire any interest in real property by purchase, lease, exchange, transfer, donation or any other method; all acquisitions not otherwise provide for by law shall be by ordinance enacted by a majority vote of the City Council;

WHEREAS, the City of Bethel transferred land on May 6, 1981 to the Association of Village Council Presidents (AVCP) via Warranty Deed with Reverter;

WHEREAS, a condition of the land transfer was that a residential home be placed on the land prior to January 1, 1983 and that upon the death of the original occupant, the land would automatically revert back to the City of Bethel;

WHEREAS, AVCP completed construction of a residential home prior to the January 1, 1983 deadline and transferred the land on June 17, 1999 to Balassa Nicholai subject to the reverter condition;

WHEREAS, Balassa Nicholai passed away in 2013 triggering the reverter clause;

WHEREAS, all family members of Balassa Nicholai were aware of the reverter clause and had ceased living in the home long before her death;

WHEREAS, per the warranty deed with reveter, the land has automatically returned to the City of Bethel.

NOW, THEREFORE BE IT ORDAINED, the City, based on the terms of the May 6, 1981 Warranty Deed with Reverter, hereby reacquires full ownership in the land located at Lot 1-A, Block 16, USS 3230 A&B located in the City of Bethel, Alaska, Bethel Recording District, Fourth Judicial District, State of Alaska.

SECTION 1. Classification. This ordinance is of a general nature and shall not become a part of the Bethel Municipal Code.

Introduced by: Councilmember Whitney
Date: August 12, 2014
Public Hearing:
Action:
Vote:

SECTION 2. Authorization. Pursuant to Bethel Municipal Code 04.08.020(A) Acquisition of property in the form of land acquisition.

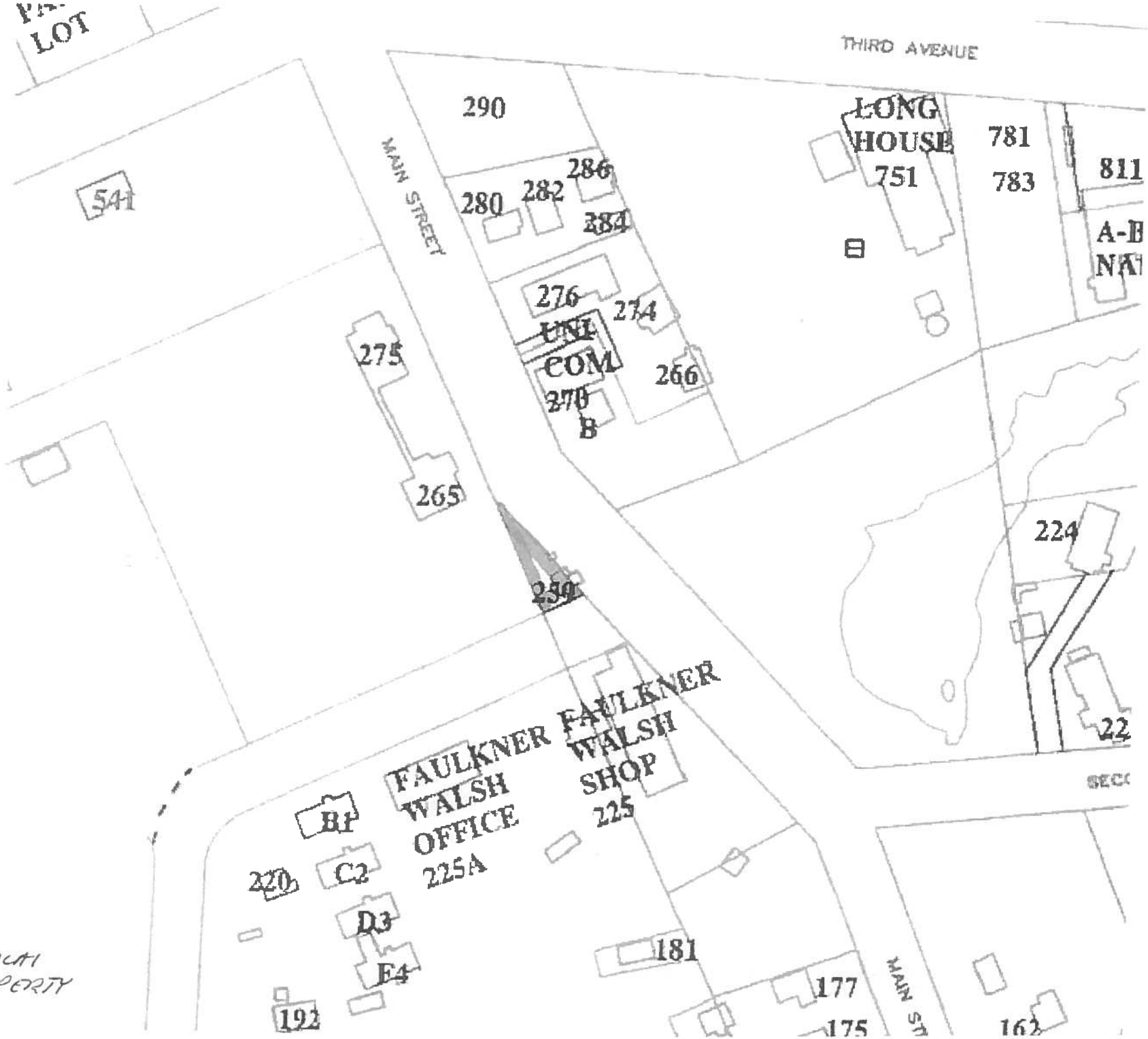
SECTION 3. Effective Date. This Ordinance shall become effective upon the passage by the Bethel City Council.

BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF BETHEL ALASKA, THIS __DAY OF AUGUST, BY A VOTE OF _ IN FAVOR AND _ OPPOSED.

_____
Joseph A. Klejka, Mayor

ATTEST:

_____
Lori Strickler, City Clerk



NICHOLAI PROPERTY

City of Bethel Action Memorandum

Action memorandum No.	14-53		
Date action introduced:	08-12-2014	Introduced by:	Sharon Sigmon
Date action taken:		▒ Approved	▒ Denied
Confirmed by:			

SUBJECT/ACTION: Approve Training and Travel request for the City Attorney for September 8 - 15, 2014

Route to:	Department/Individual:	Initials:	Remarks:
X	Finance		

Attachment(s): Cost Estimate for Travel and Training

International Municipal League Association's Annual Conference

Amount of fiscal impact		Account information:
	No fiscal impact	
$ 2,800	Funds are budgeted for.	10-56-545
	Funds are not budgeted. Budget modification is required. Affected account number:	

Action memorandum 14-53 is sponsored by Councilmember Sigmon on behalf of the City Attorney.

The City Attorney, Patty Burley, is requesting to attend the annual IMLA conference in Baltimore, Maryland. Among the confirmed topics this year are: Social Media and Open Government, Bringing your own devices to work, Fair Labor Standards Act, Construction Contracts, Police Legal Advice, Police Liability Issues, Workplace Bullying, Police & Fire Workplace Concerns, Marijuana Laws, Electronic Discovery, Procurement Update, Discrimination Suits, Pregnancy Discrimination, Insurance Issues and Local Hiring Preferences.

CITY OF
BETHEL

Patty Burley <pburley@cityofbethel.net>

The Hilton Baltimore Reservation Confirmation

1 message

The Hilton Baltimore Team <groupcampaigns@pkghlrss.com> Fri, Jun 13, 2014 at 2:43 PM
Reply-To: tracking@pkghlrss.com
To: pburley@cityofbethel.net

2014 IMLA Annual Conference
Hilton Baltimore
08-Sep-2014 to 14-Sep-2014

RESERVATION CONFIRMATION

We are pleased to confirm your reservation at Hilton Baltimore. Our staff is looking forward to your arrival for 2014 IMLA Annual Conference. Below you will find details of your reservation. If your travel plans change and you need to modify your reservation, please click here.

Hotel Confirmation	3134370298
Date Booked	13-Jun-2014
Reservation Name	Patty Burley
Arrival Date	09-Sep-2014
Departure Date	14-Sep-2014
Room Type	King Bed
Number of Guests	1

Night by Night Rate

Date	Guest(s)	Status	Rate
09-Sep-2014	1	Confirmed	235.00
10-Sep-2014	1	Confirmed	235.00
11-Sep-2014	1	Confirmed	235.00
12-Sep-2014	1	Confirmed	235.00
13-Sep-2014	1	Confirmed	235.00

Additional Guest	Rate
Second Guest	0.00
Third Guest	20.00
Fourth Guest	20.00
Fifth Guest	0.00

Total Charge 1,175.00

Tax Discolsure

Room Rates shown do not include 9.50% Lodging Tax and 6.00% State Tax Per Night (subject to change). Total charges presented on the website will include all room fees and taxes.

Add-Ons

Cancel Policy

1 NIGHT DEPOSIT REQUIRED, NON REFUNDABLE AFTER 14DAYS Cancellations made within 14 Days of arrival will forfeit one night's room and tax.

Hilton
BALTIMORE

401 West Pratt Street I Baltimore, MD I 21201
t: 443-573-8700 I f: 443-683-8841

This transmission is not a digital or electronic signature and cannot be used to form, document, or authenticate
a contract. Hilton accepts no liability arising in connection with this transmission

Passkey

T.A. #: _____

City of Bethel

Travel Authorization Form

Legal	IMLA	IMLA Annual Conference
Department	Activity	Program
Patty Burley	City Attorney	July 25, 2014
Employee Requesting Authorization	Title	Date
IMLA 78th Annual Conference	Baltimore, MD	September 10-14, 2014
Conference Title and Sponsor	Conference Site	Date of Meeting

Explanation of Travel Request:

Travel to Baltimore, MD to attend IMLA annual conference

		Estimated Totals	Account #
Registration Fees (Specify whom check is payable to and attach copy of documentation)		$100.00	10-56-545
Payable to:	IMLA		
P.O. #:			
Transportation			
Airline(s):	Alaska Air	$911.70	10-56-545
Travel Agency:			
Confirmation #:			
P.O. #:			
Car Rental Co.:		n/a	
Confirmation #:			
P.O.#			
Hotel Name:	Hilton - Seattle	$1500	10-56-545
Confirmation #:	Hilton - Baltimore		
P.O. #:			
Meals:	# / Daily Rate		
Breakfast	6 X $12.00 =	$72.00	10-56-545
Lunch	6 X $18.00 =	$108	10-56-545
Dinner	6 X $36.00 =	$216	10-56-545
	Cab Fare:	$46.00	10-56-545
Miscellaneous: (Explain in written detail on an attached sheet)			
	TOTAL EXPENSES:	$2854	
	Per Diem Advance Requested:		

Approvals:

Department Head / Date	**City Manager / Date**	**Finance Director / Date**

International Municipal Lawyers Association

7/24/2014

Order

Customer Number: 11569390
Order Number: 23079650
Order Date: 4/7/2014
Purchase Order:

Patty Burley
P.O. Box 1388
Bethel, AK 99559

Please remit payment to:

International Municipal Lawyers Association
7910 Woodmont Ave
Suite 1440
Bethesda, MD 20814
United States
(P) (202) 466-5424
(F) (202) 785-0152

Credit Card Payment Information

Credit Card Number: _____

Card Type: _____ CVV#: ____

Name On Card: _____

Expiration Date: __ /__

Balance Due	**$100.00**
Donation/Contribution	**$**
Total Payment Amount	**$**

Order Tracking #23079650 - 11569390

Parent Order #

Patty Burley
P.O. Box 1388
Bethel, AK 99559

Customer Number: 11569390
Order Number: 23079650
Order Date: 4/7/2014

Item	Misc Product Notes	Unit Price	Quantity	Amount
2014 Annual Conference(Badge Name: Patty)		$500.00	1.00	$500.00
			Subtotal	$500.00
			Invoice Total	$500.00
			Amount Paid	$400.00
			Credit Applied	$400.00
			Balance Due	$100.00

Alaska Airlines

Flights Change | Remove

Flight	Departs	Arrives	Total Price for 1 Traveler
Alaska 98 Coach (L) | Nonstop | Details	Anchorage (ANC) 4:00 pm Mon, Sep 8	Seattle (SEA) 8:15 pm Mon, Sep 8	$911.70 Taxes, Fees and Charges
Alaska 766 Coach (H) | Nonstop | Details	Seattle (SEA) 8:20 am Tue, Sep 9	Washington, DC-Baltimore Washington (BWI) 4:25 pm Tue, Sep 9	Shop again using your Discount Code.

Distance: 3,772 mi | Duration: 20h 25m

American 4345 (Alaska 4191) Operated by Republic Airlines as American Eagle Check in with American Airlines Coach (G) | Nonstop | Details	Washington, DC-Baltimore Washington (BWI) 5:50 am Mon, Sep 15	Chicago-O'Hare (ORD) 6:58 am Mon, Sep 15
Alaska 139 Coach (G) | Nonstop | Details	Chicago-O'Hare (ORD) 9:40 am Mon, Sep 15	Anchorage (ANC) 1:29 pm Mon, Sep 15

Distance: 3,456 mi | Duration: 11h 39m

- Fare Rules
- Baggage Rules

Total Due Now $911.70 USD

Currency Converter

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Baltimore, Maryland
2014

Hilton Baltimore
401 West Pratt Street

Topics/ Speakers
Separate Registration Programs
Networking Event
Sports Event
Meal
Event Date/Time is Set
*Indicates registration and advance payment required

Wednesday, September 10, 2014

7:00am to 4:00pm		REGISTRATION (Hilton Lobby)				
8:15am to 9:45am	Exhibits Open			CODE ENFORCEMENT PROGRAM **(Registration included with Annual Conference fee)** *Welcome Introduction Framing Presentation*		
8:45 am to 9:45am				CODE ENFORCEMENT PROGRAM *Legal Issues in Strategic Property Regulation 1: The legal framework*		
9:45am to 10:00 am		BREAK				
10:00am to 11:00am		*Telecom –*	*University Cities: Meds & Eds- Colleges, Universities and Hospitals as Anchor Institutions –*	CODE ENFORCEMENT PROGRAM *Legal Issues in Strategic Property Regulation 2: Nuts and Bolts*		*Golf at Pine Ridge ($65)

11:00am to 12:00pm	*Health & Environment Section - a panel on Brownfields* –Hunsucker Goodstein			CODE ENFORCEMENT PROGRAM *Strategy Session 1: Absentee landlord and speculative investor strategies*	*Personnel Section Meeting* - Coordinated by Dan Grean focus on discipline, termination (police/fire, protected classes/speech)	
12:00 to 1:00pm	LUNCH (on your own)					
1:00pm to 2:00pm	*Forfeiture of property under the U.S. Code* – Brad Cunningham	*Public Ethics- Pitfalls of Technology* – Michelle Dickinson	*Forensics & the Fourth Amendment* –	CODE ENFORCEMENT PROGRAM *Strategy Session 2: Vacant Property Strategies*		
2:00pm to 3:00pm	*Local Governments using illegal copies of software* –	*Representing Your Legislative Branch- Special Challenges* - Victor Tervala & panel members	*LIBOR and Municipal Finance Class Action Litigation* –	CODE ENFORCEMENT PROGRAM *Strategy Session 3: Integrating Strategies*		
3:00 pm to 3:15pm	BREAK					
3:15pm to 4:45pm	Worksession I: Municipal Regulation: *Challenges presented by homelessness and panhandling* –	Worksession II: Technology: *Cybercrime - The Perfect Crime & Local Governments Not Immune* –		CODE ENFORCEMENT PROGRAM *Legal Issues Clinic*		
	Worksession I: Municipal Regulation: *E-cigs* –	Worksession II: Technology: *Social media and open government* –				
	Worksession I: Municipal Regulation: *Synthetics* –	Worksession II: Technology: *Social Media in Office & Litigation* –				
6:00pm to 9:00pm	WELCOME RECEPTION HILTON LOBBY WINDOW VENUE					

Thursday, September 11, 2014

7:00am to 4:00pm	**REGISTRATION** (Hilton Lobby)					
8:00am to 8:55am	**STATE/REGIONAL/PROVINCE BREAKFAST** (Hilton)					
9:00am to 9:15am	*9/11* Remembrance					
9:15am to 10:15am	*e-discovery*– Michelle Dickinson, Paul Grimm, Pete Haskel	*Storm Water Management MS4 permitting –*	*Procurement Update. WBE/MBE– the next generation; PLAs Challenges; other procurement issues –*	CODE ENFORCEMENT PROGRAM *Ethics in Code Enforcement*		
10:15 to 10:30	BREAK					
10:30 to Noon	Worksession III: Transportation: *Local transportation alternatives: Zip Car, Bike Shares Circulator, Uber, Relay –*		Worksession IV: Labor: *Pension reform-balancing the Contract Clause and municipal bankruptcy –*	CODE ENFORCEMENT PROGRAM *AACE program: "What does the code officer need from the attorney"*	Section Meeting	
	Worksession III: Transportation: P3- *Public/private partnerships –*		Worksession IV: Labor: *Local Hiring preferences –*			
			Worksession IV: Labor: *Fair Labor Standard Act update –*			
Noon to 12:55	**LUNCH** (on your own)- *this open slot may be interchanged with Friday All Conference Lunch depending on speaker availability*					
12:55pm to 1:55pm	*Telecom –*	*Zoning and Public Health- mobile HIV testing, homeless shelters –*	*Diversity In The Ranks: Inclusion and discrimination in police and fire –*	CODE ENFORCEMENT PROGRAM *Dan Still*	Section Meeting	

Exhibits Open

2:00 to 4:00pm		***LAND USE TOURS** **($30 - First come, first served)**	**CODE ENFORCEMENT PROGRAM** *Tour* **($30- First come, first served)**	Section Meeting	***Softball game (FREE)** (Swann Park & Nick's Fish House)
5:00pm to 6:00pm				Federal Bar Association Program	
6:00pm to 9:00pm		***POST LAND USE TOUR RECEPTION** **($30)** (Clipper Mill/Woodberry Kitchen)	**DINNER ON YOUR OWN** (list of area restaurants that will give PMA prix fixe/restaurant week type rates will be included with conference materials)		

Friday, September 12, 2014

7:00am to 4:00pm	**REGISTRATION** (Hilton Lobby)								
7:30am to 8:30am	***WONK BREAKFAST** (Hilton)								
8:30am to 9:30am	**Exhibits Open**	*War of 1812 –* Md. Hist. Soc. Person	*Prohibition ends – marijuana today: Taxation, regulation of sale, zoning –*	*Nonconforming Uses in a Reviving Economy –*	*Municipal power to protect consumers- limited services pregnancy center cases –*	*Pregnancy & Policing/ADA Essential Functions of Officers –*	CANADA PROGRAM		
9:30am to 9:45am	**BREAK**								

9:45am to 11:15am		*Employee Health Costs / Affordable Care Act –*	Worksession V: Consent Decrees: *Living with, amending and ending judicial oversight –*	Worksession VI: Technology: *Bring Your Own device to work- Benefits and Burdens –*	Worksession VII: Contracts: *Construction Contract Drafting project –*	CANADA PROGRAM		
				Worksession VI: Technology: *Employee Privacy & Social Media–*	Worksession VII: Contracts: *How To Break the Warranty Logjam–* Susan McGreavy			
11:15am to 12:15pm		*Government practice before bar –* Sitting Judges Panel	*Pension Reform* – Lawyer from Kramon and Graham	*Planning for Pandemic –*	*Food-Farmer Markets –*	CANADA PROGRAM		
12:30pm to 2:00pm		ALL CONFERENCE LUNCHEON [GUEST SPEAKER – TBD] (Large Hilton Ballroom)						
2:15pm to 3:15pm		*Limited English Proficiency/Immigrant Friendly Cities –*	*Insurance Issues –* John Davis, Findley, Harkham, Anderson, Kill & Olick	*Federal Case Law Update –* Doug Haney	*Condemnation Law Update* – Drew Bailey & Elva Tillman	CANADA PROGRAM		
3:15pm to 3:30pm		BREAK						
3:30pm to 4:30pm		*New immigration Laws –*	*Local Hiring Preferences –*	*Supreme Court –* Panel		CANADA PROGRAM		
6:00pm to 9:00pm						*BELL PEN PARTY & YANKEES GAME ($45/$65) **(First Come, First Served)**	*DINNER ON YOUR OWN (A list of area restaurants that will give IMI A prix fixe restaurant week type rates will be included with conference materials)	

Saturday, September 13, 2014

7:00am to 4:00pm	REGISTRATION (Hilton Lobby)							
7:30am to 9:00am	AWARDS BREAKFAST (Hilton)							
9:00am to 10:30am	Exhibits Open	Worksession VIII: Police Issues: *Police legal advice 101* –	Worksession IX: Municipal Finance: *Primer on Municipal Financing Techniques-TIPS* –Alan Cason	Worksession X: Employee Conduct in the Municipal Work Place: *Bullying* –Larry Lee	Large Pops Special Projects: *Casinos-do's and don'ts* –	Institute for Local Government Lawyers (Separate Registration Required) ($100)		
		Worksession VIII: Police Issues: *Qualified immunity developments and use of electronic control weapons* –	Worksession IX: Municipal Finance: *SEC-Public Disclosure obligations* –	Worksession X: Employee Conduct in the Municipal Work Place: *Hostile Environment Issues and Concerns* – Ashley Ulbrecht	Large Pops Special Projects: *Grand Prix-pros and cons* –			
		Worksession VIII: Police Issues: *Police liability issues-update* –	Worksession IX: Municipal Finance: *Government enterprise exemptions to local taxation*–		Large Pops Special Projects: *Naming rights and other creative financing* –			
					Large Pops Special Projects: *Publicly owned Hotels*–			
10:30am to 10:45am	BREAK							

10:45am to 11:15am		Worksession XI: LGBT: LBT Issues – Shannon Avery, Susan Leviton	Worksession XII: *The FHA, disparate impact and group homes* –	Worksession XIII: Financial Issues: *Collections Panel* - Catherine Murray, Managing Partner, Linebarger Goggan Blair & Sampson, LLP	Institute for Local Government Lawyers		
11:15am to 12:45pm		Worksession XIV: The role of the City Attorney: *In discharge of the city manager, the ethics and the practical* – Dottie Palumbo Worksession XIV: The role of the City Attorney: *In criminal investigations of council/mayor* –	*The Myth of EPA's Integrated Planning Framework – drafting sustainability code* –	Worksession XIII: Financial Issues: *Naming Rights and other legally challenging creative money ideas/ SEC-public disclosure obligations; Community Reinvestment Act –Criteria* – Miles & Stockbridge	Institute for Local Government Lawyers		
6:00pm to 11:00pm		*Fireworks/1812 Celebration Event (Aquarium) **($80- First come, first served)**					

Sunday, September 14, 2014

7:00am to 4:00pm		Registration (Location)					
7:00am to 8:15am		9/11 Run to Remember					
8:15am to 9:00am		IMLA Annual Business Meeting					
9:00am to 10:30am		Worksession XV: Ethics Jeopardy –					

10:30am to 10:45am	BREAK				
10:45am to 11:45am	*Civil Rights Act: 50 Year Review –*				
11:45	ADJOURNMENT				

City of Bethel Action Memorandum

Action memorandum No.	#14-54		
Date action introduced:	July 22, 2014	Introduced by:	Interim City Manager Greg Moyer
Date action taken:		☐ Approved	☐ Denied
Confirmed by:			

SUBJECT/ACTION: Accept and adopt Bethel Institutional Corridor Water System Feasibility Study Update Final Report prepared by CH2MHill in July 2014 and authorize the completion of flow data analysis, geotechnical data analysis, surveying, permitting, and easement identification (all as needed), and then design and construction of the project.

Route to Department/Individual	Initials	Remarks
Administration/Greg Moyer	GM	The City of Bethel was awarded $7,000,000 in an FY 2014 State Designated Legislative Grant to complete a portion of the Institutional Corridor (IC) Piped Water System. This award prompted an update to the previous IC feasibility study conducted by Larsen Consulting Group, Inc. in 2010. The Update recommends the City complete Phase 1: a piped water loop from the City Subdivision Water Treatment Plant to several buildings, including the DHSS Youth Retention Facility, and then to the south side of the highway to return to the plant. The expected cost of Phase 1 is $6,783,000.

Attachment(s):

1. Bethel Institutional Corridor Water System Feasibility Study Update, July 2014.

Amount of fiscal impact	Description	Account information
$6,783,000	FY 2014 Alaska Capital Budget appropriation of $7,000,000 to the City of Bethel to fund the Institutional Corridor Project. The cost to drill a well at City Subdivision Water Treatment Plant and complete the IC study has been incurred.	45-50-XXX

Summary statement

The City of Bethel was awarded $7,000,000 in an FY 2014 Alaska Designated Legislative Grant to cover costs associated with the institutional corridor project. A feasibility study update was completed by CH2MHill in July 2014. The Study recommends that the City use the remaining grant funds to complete Phase 1, which could connect a water pipe to four YKHC apartment buildings, hospital, Keyes Receiving Home, 800 building, Qavartarvik Youth Hostel, and DHSS Youth Retention Facility; complete all City Subdivision Water Treatment Plan improvements; and finish the bore holes under the highway.

Report

Bethel Institutional Corridor Water System Feasibility Study Update

Prepared for

City of Bethel

July 2014

CH2MHILL®

949 East 36th Avenue
Suite 500
Anchorage, AK 99508

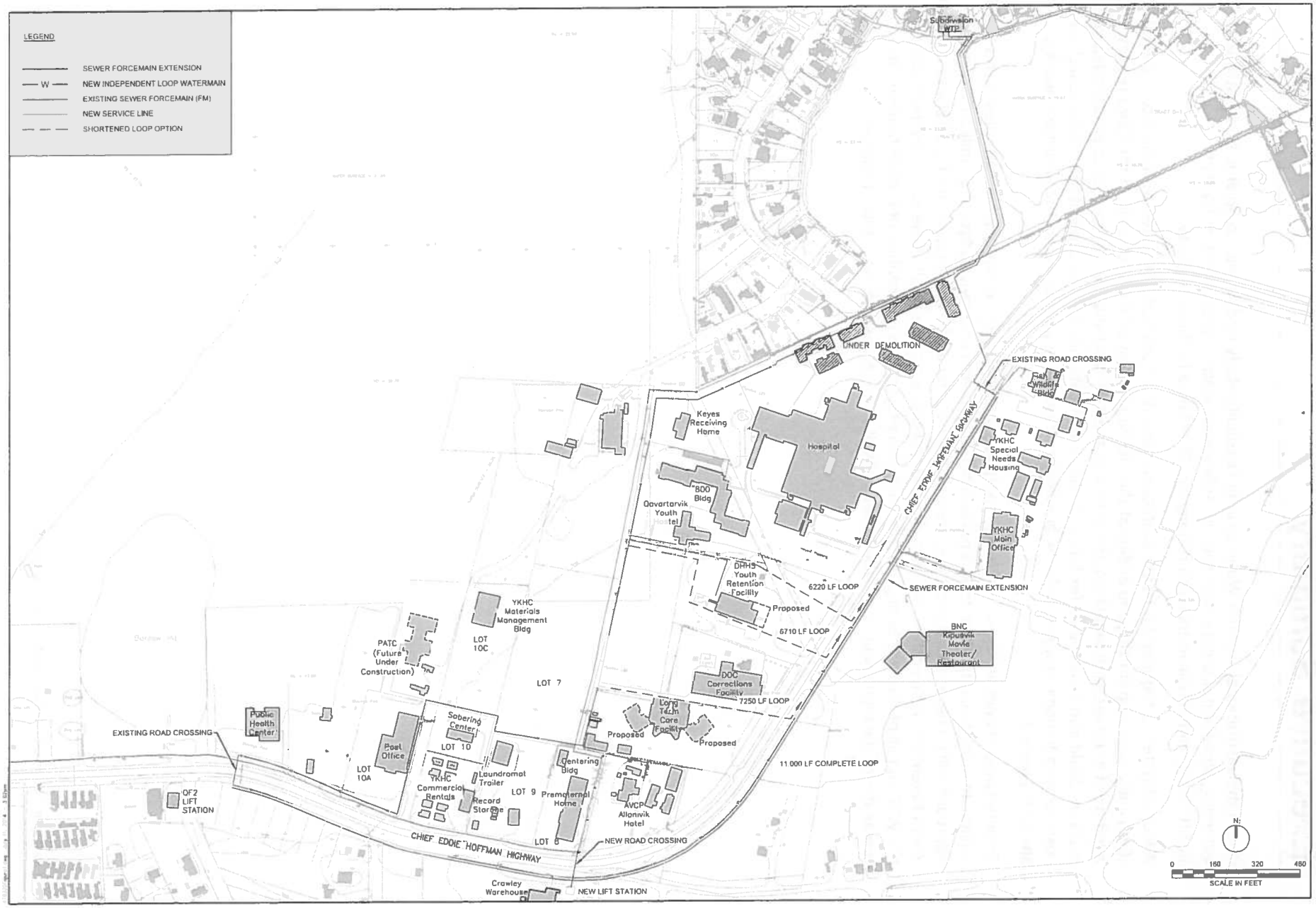
This report has been prepared under the supervision of a registered Professional Engineer.

Executive Summary

The Bethel Institutional Corridor Water System Feasibility Study Update was completed to investigate extending piped water service from the City Subdivision Water Treatment Plant (WTP) to institutional/commercial users located along the Chief Eddie Hoffman Highway.

A looped system is required for freeze protection. Layout options were discussed with the City of Bethel (City) and a new loop starting and ending at the City Subdivision WTP was chosen. At the City's request, the addition of a storage tank away from the WTP was avoided. Modeling was completed to ensure adequate pressure could also be provided for future expansion. Also included in the study at the City's request are the costs for an additional sewermain for all buildings to be served by piped water. The proposed layout is shown in Figure 1.

Twenty-two buildings will be served by the complete watermain. The estimated total installed cost is $10.5 million. In order to complete at least a portion of the loop with a current budget of $7 million, a phased approach will be necessary. A shortened loop that goes as far as the Qavartarvik Youth Hostel and the DHHS Youth Retention Facility can be completed in the first phase along with all of the necessary improvements at the WTP and all of the road borings for the complete project. Upon reception of further funding, the remainder of the loop could be installed later, as well as the new sewermain and lift station.



VILLAGE SAFE WATER

CH2MHILL

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET ADJUST SCALES ACCORDINGLY.

City of Bethel
Bethel, Alaska
INSTITUTIONAL CORRIDOR
WATER SYSTEM
CIVIL
PHASED LOOP CONSTRUCTION

REVISION	BY	DATE

Project No. 478325
Date OCT. 2014
Designed S. Wolter
Drawn B. Beckett
Approved T. Graf

Sheet No. FIGURE 1
SHEET ___ OF ___

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Appendixes

A Schematic Drawings
B Cost Estimate

Acronyms and Abbreviations

°F	degrees Fahrenheit
AACEI	Association for the Advancement of Cost Engineering International
ADD	Average Daily Demand
ADEC	Alaska Department of Environmental Conservation
ADOT/PF	Alaska Department of Transportation and Public Facilities
APDES	Alaska Pollutant Discharge Elimination System
ASCE	American Society of Civil Engineers
City	City of Bethel
FPS	Feet per second
GCPD	Gallons per capita per day
gpm	gallons per minute
HDPE	high-density polyethylene
IBC	International Building Code
IC	Industrial Corridor
ISO	Insurance Services Office
MDD	Maximum Day Demand
mgd	million gallons per day
PHD	Peak Hour Demand
PSIG	Pounds per square inch gauge
WTP	water treatment plant
YKHC	Yukon-Kuskokwim Health Corporation

SECTION 1

Background

1.1 Authorization

The City of Bethel (City) retained CH2M HILL to develop this Feasibility Study Update. This effort was accomplished under contract, effective February 5, 2014.

1.2 Purpose and Need for Project

The City would like to extend piped water service from the City Subdivision WTP to institutional/commercial users located along the Chief Eddie Hoffman Highway. This area, known as the Institutional Corridor (IC), includes many commercial institutions and businesses for the City. The buildings in the IC currently either receive hauled water from the City or maintain private wells. Three of the largest users, the Yukon-Kuskokwim Health Corporation (YKHC) hospital, the Department of Corrections (DOC) Adult Correctional Facility, and the Department of Health and Human Services (DHHS) Youth Correctional Facility, requested that the City pursue piping water to the area.

Bethel continues to experience economic growth as a hub city for southwestern Alaska. Development is expected to continue as service industries provide additional jobs. According to the Alaska Department of Labor and Workforce Development, the estimated population increase in Bethel is approximately 1.25%, bringing the 2010 population of 6,080 to nearly 8,300 by 2035.

The City has a mixed system of piped and hauled water. A recent water and sewer cost allocation and rate study estimates that producing and delivering hauled water costs the City about twice as much as piped water while hauled sewage costs approximately six times as much as piped sewer (CH2M HILL, 2013). The City has been working toward replacing hauled water and sewer with a piped system since the first recommendation was published in the 1996 Bethel Water and Sewer Master Plan.

An Institutional Corridor Water System Feasibility Study was completed by Larsen Consulting Group, Inc. in 2010 (2010 Report). Since the first study was published, development has continued to occur in the IC area requiring a study revision. This revision will serve as an update to those items that have changed since 2010. Unless otherwise noted, all other source data is assumed to remain the same.

1.3 Planning Area

The IC is a 0.7 mile stretch of properties adjacent to the Highway and currently extends from the Yukon Delta National Wildlife Refuge Visitor Center & Bookstore to the Bethel Regional Public Health Center. The location is shown in Figure 2. Initially, the users of the IC watermain would be primarily institutional and commercial. Areas of interest for future expansion of this watermain include the Blueberry subdivision to the west and development of land to the south.

Figure 2: Planning Area

1.4 Scope of Study

Water must be provided with adequate volume and pressure to accommodate fire flows throughout the corridor in a manner that minimizes long-term operations and maintenance costs. The study examined the impact of the IC project on the City's existing water production and distribution system and investigated possible future expansion of the system to adjacent areas like Blueberry Subdivision.

The design criteria used in the 2010 Report have been updated and are further discussed in Section 3. Two potential routes were considered for the piped water extension. The final route selected maximizes the use of existing easements and provides a looped system that will minimize extra storage needs and line heating costs.

At the project kickoff meeting, the City requested that sewer service be considered for all property in the IC that will be served with water. Customers in piped water areas consume roughly two and a half times more water than those on hauled systems (ASCE, 1996). A cost estimate for a sewermain has been included in this study for the properties on the south side of the highway not currently connected to sewer.

SECTION 2

Existing System

The City of Bethel operates two water treatment plants which serve approximately 1,470 customers. 435 of those customers are on piped water systems while over 1,000 receive hauled water. However, the current piped demand is 60% of the total water produced (CH2M HILL, 2013). The City Subdivision WTP provides water for truck-haul operations, government offices and homes in the City Subdivision, the IC, and beyond. The Bethel Heights WTP supports the Bethel Heights subdivision, the high school, and can also provide water for the haul system if necessary.

2.1 City Subdivision WTP

The City Subdivision WTP was constructed in 2000. It was designed to produce 0.5 million gallons per day (mgd) and relies on one groundwater well capable of producing about 400 gallons per minute (gpm). The plant is currently operating at approximately 69 gpm average daily flow to serve the existing piped system and truck-haul operations, which is less than 20% capacity. The piped system serves 180 properties within City Subdivision. 3,500 to 4,000 gallon trucks are filled roughly twenty times per day.

Water storage at the City Subdivision WTP is in a 60 foot diameter by 24 feet high, 505,000 gallon welded steel tank. The 2010 Report states that the tank storage capacity is sufficient for the needs of the existing system only and can store several days' worth of the existing average daily flow of approximately 100,000 gallons per day, as well as meet peaking demands and fire flow requirements. Based on the recommendation of the 2010 Report, a second well will be installed in the summer of 2014. The WTP was designed to have a backup well but one was never installed.

The water distribution system in the City Subdivision consists of three heated watermain circulation loops; Loop A, Loop B and Loop C. The watermains are aboveground 6-inch diameter HDPE pipe, featuring insulated arctic pipe construction. According to the City Fire Chief, 990 gpm are available for fire flows from the loops. The current system operates one circulation pump per loop with a fourth operating as an in-line spare.

2.2 Existing wells (private)

The users in the IC that are not on hauled water service are currently maintaining their own water wells. Based on discussions with IC building owners, this is proving to be an expensive and time consuming task for maintenance staff who are stretched thin at these facilities. The majority of users are very interested in hooking onto piped water service and abandoning their individual wells. Issues sited include: expensive glycol systems for freeze protection, maintaining operator training for water systems for maintenance staff, subsidence at well location, and labor hours for water sampling and well maintenance.

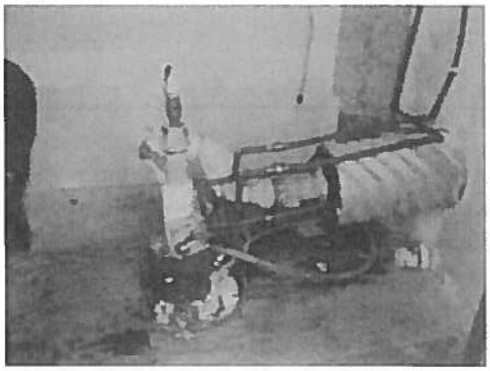


Figure 3: Well head with glycol system

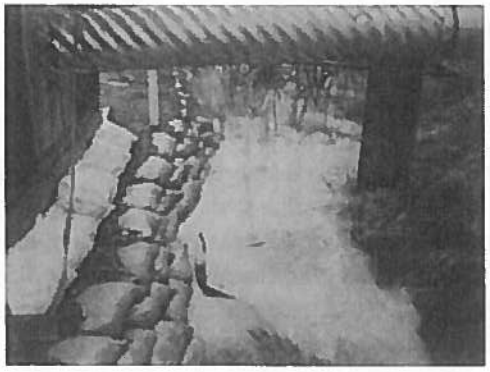


Figure 4: Subsidence at private well house

2.3 Potable Water Storage

The 2010 Report assumed an existing storage capacity of 505,000 gallons at the City Subdivision water treatment plant. The design drawings for the water treatment plant show a 24 foot tall, 60 foot diameter tank. It appears that the Larsen Study did not account for freeboard in the tank, and that the actual usable storage volume is less than stated in the study. The freeboard requirements must be calculated by a registered structural engineer, but it is estimated that true reservoir storage at the plant is roughly 485,000 gallons, not 505,000.

2.4 Boiler Equipment

Water in the existing tank is heated by circulating water through a heat exchanger located inside the City Subdivision WTP building. Once initially heated by the treatment process, the water inside an insulated storage tank requires relatively little additional energy to maintain a constant temperature due to its heat capacity. The current boilers are each capable of a 2,724,000 BTU output, according to the City Subdivision WTP design drawings. They are operated in a lead-lag condition and they are approximately 14 years old.

SECTION 3

Design Criteria

3.1 Site Visit

CH2M HILL staff conducted a site visit and project kick-off meeting with City staff on January 30, 2014. During their visit, they were able to meet with several of the users in the Industrial Corridor study area and discuss expansion plans for new and existing facilities. Several buildings have been built or relocated since the 2010 Report was completed. These facilities are listed in Table 1.

TABLE 1
New or relocated buildings in the Bethel Institutional Corridor 2010 to 2013

New/Relocated Building	Location	Status
BNC Kipusvik Movie theatre/restaurant	Adjacent to YKHC administrative offices; east side of highway	Currently under construction; Estimated completion – Summer 2014
12 YKHC Residential Houses	Adjacent to Post Office; north side of highway	Occupied, hauled water and sewer; Ready to plumb to water and sewer at any time
YKHC Medical Records Building	Adjacent to Post Office; north side of highway	Existing building, no water or sewer connection or plumbing currently, construction of fire suppression system anticipated
YKHC Phillips Ayagnirvik Treatment Center	Behind Post Office; north side of highway	Currently under construction; Estimated completion – May 2016
YKHC Centering Building	Adjacent to new Pre-Maternal bldg; north side of highway	Currently under construction; Estimated completion – Late 2014

3.2 Corridor Description

Currently, the majority of potential customers in the IC would be institutional users with some commercial users. There is land available for development on the south side of the Chief Eddie Hoffman Highway. The City is also interested in the possibility of expansion of piped water to nearby areas like the Blueberry Subdivision. Build out capacity is discussed in Section 3.5. The anticipated connections to the new watermain are listed in Table 2. Water use data for the new facilities has been estimated. Actual usage data of the existing buildings collected in 2010 has been used to complete modeling of the proposed system.

TABLE 2
Anticipated Water and Sewer Connections (listed from west to east along Chief Eddie Hoffman Highway)

Potential Client	Water Use (gal/day)	2010 Notes	2014 Notes	Expansions anticipated?	Connected to Sewer?
Bethel Regional Public Health Center	178	Hauled water			Yes
US Post Office	214	Hauled water			Yes
YKHC (New) PATC			Water tank, piped from pre-maternal home		Yes (proposed), lift station
12 YKHC Houses	260		Hauled water and sewer		No, ready to connect
YKHC Medical Records Building			To protect records, YKHC would like misters or other fire protection		No
YKHC - Sobering Center	142	Hauled water			No, 1,750 gal tank; provisions for future connection to city
YKHC Warehouse		Sprinkler system only in future		*Advised by YKHC to ignore now*	No
Mike Salzbrun's Warehouse	195	Sprinkler system and domestic water in future		Yes, of property (9 acres)	No
YKHC Housing - 32-Bed Pre-Maternal Facility	845	Based on 32 beds times 26.4 gal/bed/day	Well and 14,000 gal storage tank		Yes (proposed), lift station
YKHC Centering bldg (adjacent to Pre-Maternal)			Fed by Pre-Maternal home		Assumed yes
Allanivik Hotel	2,726	Well	28 beds, 16 baths, restaurant capacity of 80 people	Phased expansion Ultimately 15 room student housing, 4 public baths; 58 unit hotel, restaurant/conf center for 20-50; additional 30 room apt or hotel expansion	Yes
YKHC -18-Bed Long Term Care Facility	950	Based on 18 beds times 26.4 gal/bed/day		Yes, 18 more beds	Yes
Alaska DOC - Corrections Facility	6,871	Well with fire protection storage tank			Yes

TABLE 2
Anticipated Water and Sewer Connections (listed from west to east along Chief Eddie Hoffman Highway)

Potential Client	Water Use (gal/day)	2010 Notes	2014 Notes	Expansions anticipated?	Connected to Sewer?
Alaska DHHS - Youth Detention Facility		Served by DOC well	3,000 gal storage tank, will be 6,000 w/expansion, sprinklered	Yes, growing to 12 detention cells, 10 program (long-term) beds	Yes
Kipusvik New movie theatre/restaurant	800		5,000 gal water tank, hauled water		No, has 6,000 gal tank
Qavartarvik YKHC - Outpatient Hostel		Served by hospital well			Yes
YKHC-Annex "800 bldg"		Served by hospital well			Yes
YKHC - Keys Receiving Home		Served by hospital well	Moved behind 800 bldg		Assume yes
YKHC - Hospital	35,000	Well with fire protection storage tank		Yes, future expansion of intake facility	Yes
YKHC - Main Administrative Office		Served by hospital well			Yes
YKHC - Special Needs Housing	660	Hauled water	One additional building in 2014		Assume yes
Alaska State Fish and Wildlife	1,100	~~Hauled water~~	Well, no sprinklers		Yes

3.3 Fire Marshal

The State Fire Marshal and Plan Review Bureau cover areas of rural Alaska and has affirmed that the City must follow the 2009 Fire Code and the 2010 version of NFPA 13, 20, and 24. These state that a minimum fire flow of 1,500 gpm must be met at the farthest reach of the system.

The City Fire Chief has also requested that the design allow for adequate access to all sides of the buildings. Above ground waterlines must not impede hose layout and fire prevention. The City Fire Department also hopes to maintain or improve the City's Public Protection Classification, a point system from the Insurance Services Office (ISO) which rates the City's fire suppression capabilities.

As seen in Table 2, several of the larger buildings in the IC already have water storage tanks with fire suppression systems. The assumption of this study is that the City will be responsible for providing adequate fire flow at the main. The users would be responsible for fire suppression in their buildings.

3.4 Design Criteria

Tables 3 and 4 present the design criteria used for the IC watermain.

TABLE 3
Watermain Site Design Criteria[1]

Component	Criteria
Mean Annual Temperature	30 °F
Mean Minimum Temperature	0 °F
99% Dry Bulb Design Temperature	-46 °F
Mean Annual Precipitation	16 inches
Mean Annual Snowfall	45 inches
Design Thawing Index	3,200 °F - days
Design Freezing Index	4,400 °F - days
Design Wind Speed (3 sec gusts)	120 miles per hour
Seismic Load	Per current edition of IBC
Ground Snow Load	40 PSF
Active Layer Depth	2 - 7 feet
Presence of Permafrost	Generally continuous

[1]Bethel Water and Sewer Master Plan, CRW 2005

TABLE 4
Watermain Use Design Criteria

Component	Criteria
Design Period	20 Years (2035)
Average Daily Demand (ADD)	65 gallons/capita/day (GCPD)
Fire Flow	1500 GPM (minimum - 750 gpm both ways)
Residual Pressure	20 PSIG (minimum)
Hydrant Spacing	500 feet (minimum)
Minimum Circulation Velocity	2 FPS
Water Storage (3 components)	
Reserve Volume	3-day supply of ADD Based on most demanding building
Fire Supply	2-hour duration at 1500 GPM (minimum)
Equalization Volume	Max Daily Demand (MDD) less 8 hours of well pump output
Water Distribution (for local systems)	
Water Demand Peaking Factors	
Maximum Day Demand (MDD)	2.3 x ADD[2]

TABLE 4
Watermain Use Design Criteria

Component	Criteria
Peak Hour Demand (PHD)	4.5 x Annual ADD[2]
Minimum Pressure	20 PSIG
Maximum Pressure	100 PSIG
Minimum Pipe Diameter	6 inches
System capacity	Fire flow demand will govern. Design based on peak hourly demand (PHD).
Pressure Pumps	Design based on peak hourly demand (PHD).
Water Heating System	Maintain temperature of return water from distribution system @ 45 to 55 °F.
Water Storage Tank	Insulated, welded steel tank. Tank inlet and outlet shall be located to minimize short-circuiting.
Circulation Systems	Size system to meet peak hourly demands.
Emergency Standby Generator	Required as back up for power outages.
Circulation Loops	Provide between 1 - 2 ft/sec flow rate for water distribution loop circulation.[2]

[2] Cold Regions Utility Monograph, 3rd Ed., 1996.

3.5 Easements

Plats for the IC area were researched for the 2010 Report to determine the locations and dimensions of recorded utility easements and existing right of ways. CH2M HILL concurs with the 2010 Report that additional research, such as Title Searches and Reports should be commissioned prior to design implementation to verify whether or not easements are available along the full alignment. The alignment chosen for this study more closely follows the existing sewer forcemain where easements are already established. Easements will likely need to be obtained behind lots 8, 9, and 10 (from the Prematernal Home to the Sobering Center) and alongside Calista Drive, by the Post Office. A Utility Agreement will also need to be obtained from The Alaska Department of Transportation and Public Facilities (ADOT/PF) for the pipelines that parallel the Chief Eddie Hoffman Highway.

SECTION 4

Conceptual Alternatives

4.1 Larsen Alternative

The 2010 Institutional Corridor Water System Feasibility Study recommended a direct pipeline from the City Subdivision WTP to a 655,000 gallon storage tank and adjacent pump station located in the empty lot between the Bethel Regional Public Health Center and the Post Office. The pipeline would be heat traced for freeze protection. The storage tank would then feed a circulating loop along both sides of the Chief Eddie Hoffman Highway. The Larsen alternative maintains consistency with the Bethel Water and Sewer Master Plan but discussions with the City indicate that maintaining a water storage tank separate from the WTP is not a desirable option.

4.2 Other Options Considered

A connection to Loop A from the City Subdivision WTP was briefly considered to decrease the length of new pipe installed. However, as Loop A is only a 6-inch line, it does not have sufficient capacity for the required fire flows.

An alternative route along the north side of the Chief Eddie Hoffman Highway was presented to the City for consideration. This option could provide an access point for some of the properties from the front of their properties. The City preferred the back lot line access because easements have already been granted for the existing sewer forcemain.

The options considered and the Larsen Alternative are shown in Figure 5.

4.3 New Loop from City Subdivision WTP

The recommended alternative is an 11,000 foot, 8-inch insulated line that loops from the City Subdivision WTP, west along the back of existing properties, and south to the Chief Eddie Hoffman Highway. It would then go under the highway through a new road crossing to serve the south side before crossing again through an existing carrier pipe to return to the WTP. It is assumed that City ordinances will require one service per lot.

Pipe construction would be similar to the existing lines in Bethel. The lines should be installed with a heat trace channel but the system will be operated as a circulating heated water loop to prevent freezing.

The proposed layout is shown in the attached drawings in Appendix A.

4.4 Modeling

Modeling confirmed the base assumption that an 8-inch pipeline is needed for the loop. A 6-inch pipe provides insufficient capacity to deliver fire flow to the end of the loop without the line pressure dropping well below the 30 psig hydrant residual requirement or exceeding the maximum loop pressure of 100 psig.

The pipe direction of circulation was modeled in a counterclockwise direction. This direction minimizes system losses as the highest demands are closest to the discharge of the pump, which lowers the average loop velocity.

The loop has the capability to carry at least 130 gpm of extra demand flow, beyond the assumed flow demands, before supply pressure needs to be increased above 50 psig. This flow can be carried to any point in the loop. This extra demand flow can be increased depending on where the flow is withdrawn.

The consideration of additional future demand, or "build out", was also assessed. Build out, a term referencing additional capacity in the pipe loop, is highly dependent on where the additional flows are withdrawn from the system. If the build out flow is withdrawn near the halfway point of the loop to supply

future loops, pump stations, or reservoirs, the build out flow can be up to 185 gpm. If no reservoirs were installed for the hypothetical future loop, this flow could supply the equivalent of residential use for roughly 900 people. Adding reservoirs could substantially add to the population to be served with this flow as reservoirs could fill during non-peak usage. For build out withdrawn elsewhere off the proposed loop, the flow should be kept at a conservative 130 gpm.

Fire flows were modeled based on the City's desire to prepare now for future expansion to Blueberry Subdivision. The fire flow pump demand for the new loop alone would be 1,658 gpm @ 88 psig. If the City prefers to prepare now for the build out capacity of the loop, the high demand pump should be sized to provide 1843 gpm @ 100 psig.

4.5 Potable Water Storage Requirements

In analyzing the required storage capacity for the system, the option of providing additional work shifts for water production was considered as a means to reduce the storage requirement. The table below summarizes required storage, shift frequency, and flow conditions. It is possible to keep the existing reservoir as the sole storage for the system, provided the plant does not go offline for as long as it currently does.

TABLE 5
Required Storage for City Subdivision WTP with New Loop Under Differing Operating Conditions

Flow Condition	Max Time Between Water Production (days)	Required System Storage (total gallons)
Average Demand	2.66-current operations	545,000
	2.0	480,000
Semi Peak Demand	2.66-current operations	828,000
	1.66	636,000
	0.66	443,000
Peak Demand	1.66	693,000
	0.66	466,000

Under higher flows, the existing storage will be enough provided that work shifts occur every day. If no shifts are added, it is estimated that 828,000 gallons of water need to be stored in reservoirs for sufficient supply during high demand periods. This is equal to roughly 345,000 gallons of new storage.

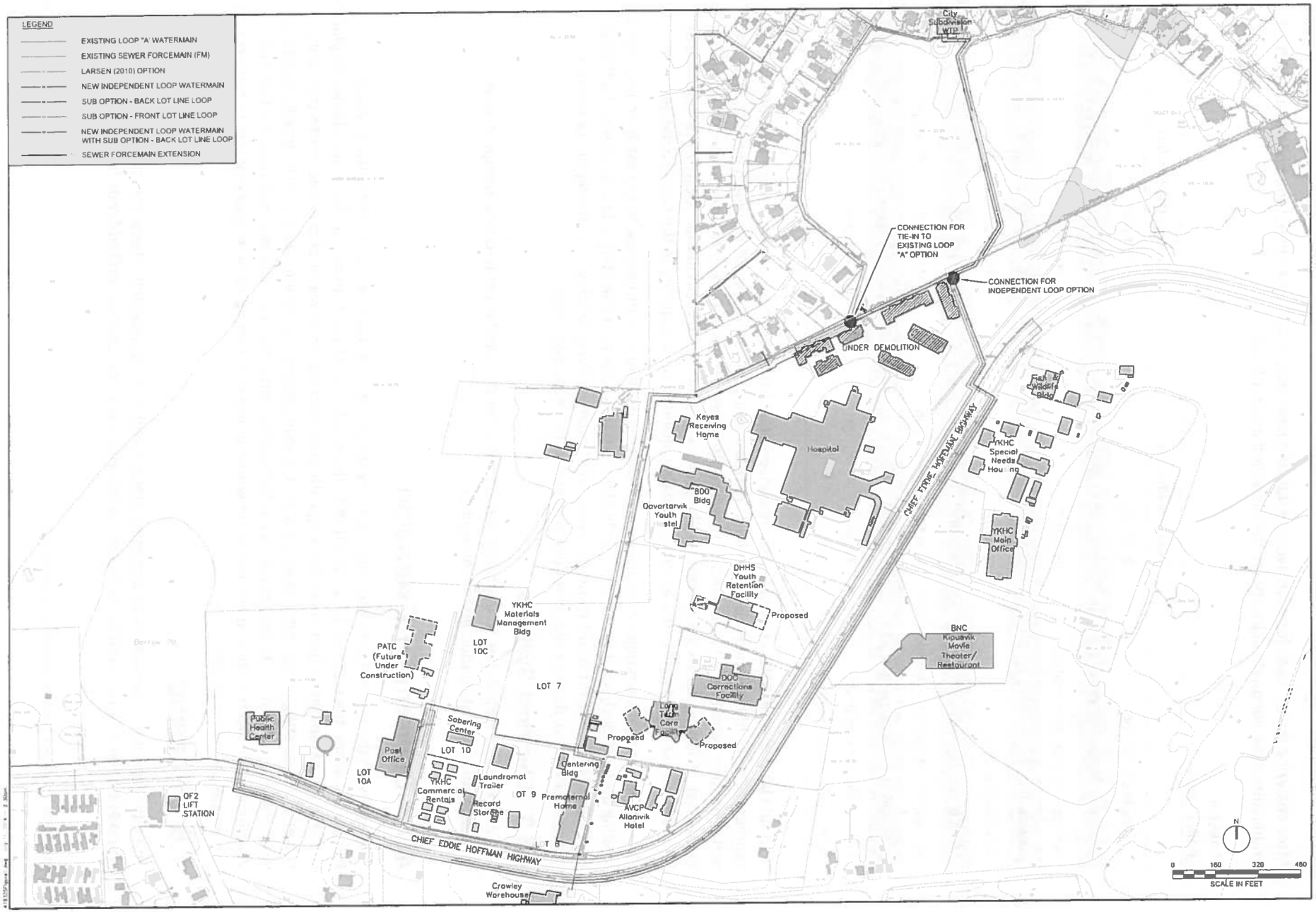
Note that estimated system storage requirements are highly dependent on peaking factors. Peaking factors have been conservatively assumed, however, prior to beginning any design, plant flow data should be collected and analyzed to determine the true peaking factors for the plant.

4.6 City Subdivision WTP Improvements

4.6.1 Pumps

With the addition of a new loop, the current high demand pump is inadequate, as it is shown to supply only 1200 gpm. A new 50 hp high-demand pump capable of 1,850 gpm and 100 psig will cover the demand at build out.

The current circulation pumps do not have the capacity that is needed for the new loop. A new circulation pump will be added to the system to circulate the new loop. It will be required to deliver 240 gpm at 30psig to maintain a 2 fps line velocity. A second, new circulation pump should also be purchased to install as a spare on the new loop.



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City of Bethel
Bethel, Alaska
INSTITUTIONAL CORRIDOR WATER SYSTEM
CIVIL
LOOP OPTIONS CONSIDERED

REVISION	BY	DATE

Project No. 478325
Date JULY 2014
Designed K. Kester
Drawn B. Bedford
Approved T. Neff

Sheet No. FIGURE 5
SHEET ___ OF ___

4.6.2 Boiler System

After analyzing boiler loads for both average day and peak day, it was determined the boilers and all heat exchangers have adequate capacity for the modeling assumptions.

TABLE 6
Boiler loads

	Peak Day (Btu/hr)		Average Day (Btu/hr)	
Existing boiler capacity	2,724,000		2,724,000	
Raw water preheating for existing loops	(949,990)	@ 159 gpm	(413,040)	@ 69 gpm
Existing loop circulation heating	(565,000)		(565,000)	
Tank heating	(37,574)		(37,574)	
Sewer loop heating	(117,700)		(117,700)	
Building heating	(227,160)		(227,160)	
Raw water preheating for new loop load	(495,647)	@ 83 gpm	(215,499)	@ 36 gpm
New loop recirculation heating	(129,093)		(129,093)	
Excess boiler capacity (Btu/hr)	**201,834**		**1,018,934**	
Excess boiler capacity (%)	**7.4%**		**37.4%**	

It should be noted that the above results are conservative for a variety of reasons. Recirculation water temperature could be reduced to the minimum treatment process temperature, which would reduce raw water heating demands. Flow balancing using the storage tank could reduce the raw water flow required to be heated. Additionally, heating loads for the tank, sewer lines, and recirculation loops were assumed at heat exchanger stated loads, and as such, probably include excess capacity in the heat exchanger.

The raw water heat exchanger only has 4% excess capacity (when counting new loop's load) under peak day loading during a design winter event. The likelihood of both events coinciding is low, however, so this heat exchanger should be sufficient to serve loads. Additionally, flow balancing or reducing the raw water temperature to 41 degrees would reduce demand at this heat exchanger.

4.6.3 Electrical Systems

The 2010 Report stated that no upgrades were needed for the addition of two new pumps. A new investigation was not conducted for this update.

4.7 Sewermain Extension

Properties on the north side of the Chief Eddie Hoffman Highway have access to the existing sewer forcemain. When the watermain is extended to the south side of the highway, a sewer line should be placed in the same easement so that every building with unlimited access to water also has access to the public sewer. If the existing topography allows, a 6-inch, above ground, sewer line would run by gravity from the west end across from the Bethel Regional Public Health Center and from the east end near the Fish and Wildlife Center. A lift station at the low point would pump flow through a new road crossing to the existing forcemain on the north side.

4.8 Phasing

The City of Bethel is committed to providing piped water to its population. There are strong drivers for completing the IC water loop as described above. However, the City has limited funds for completing this

project. The City is holding $7 million in funds received from the State for this project specifically. The total installed cost for this project is currently estimated at nearly $10.6 million. In an effort to see at least some portion of this project completed, a possible phasing of projects is outlined here in order allow time to acquire additional funding.

The City has requested that any phased installation still allow the new watermain to be used immediately. Therefore, it will be necessary to shorten the loop to reduce costs. To avoid installation of a long length of temporary pipe used only to close the loop, as much of the final route should be installed as possible, with a temporary leg closing the loop at the end farthest from the WTP.

Several possibilities were considered for a shorter loop. The longest loop that stays under currently available funds must cut across between the Hospital and the Youth Correctional Facility before heading across the Chief Eddie Hoffman Highway and back up to the WTP. A slightly longer loop that would instead cut across closer to the Adult Correctional Facility has a total estimated installed cost of $7.05 million. As estimated, this exceeds the currently available funds.

Phase I of this installation would include all of the improvements needed at the WTP, a shortened water loop, the borings under the Chief Eddie Hoffman Highway, and service lines to the businesses that are within the shortened loop.

Phase II would include the remainder of the loop, service lines, and the new sewermain and lift station. The temporary leg closing the shorter loop would be removed once the full loop is installed.

If smaller cost increments are required, the sewermain could be completed in a separate year from the watermain, in a Phase III. It should be noted that mob/demob costs will be incurred for each phase.

4.9 Future

It will be possible to expand the IC watermain to either existing or future development. Depending on where the additional flows are withdrawn from the loop, the the build out flow can be between 130 and 185 gpm. A new reservoir or pump station would increase the capacity of an expanded system.

SECTION 5

Project Elements to be Completed Prior to Design

5.1 Flow Data

A thorough investigation of actual flows for existing buildings should be conducted prior to design. The Water and Sewer rate study also recommended implementation of tracking water production and demand at the WTP for data for future engineering (CH2M HILL, 2013).

5.2 Geotechnical

Previous information and published geologic data indicate fairly uniform subsurface conditions in the area. In undisturbed or undeveloped areas, soils in the upper 1 to 2 feet generally consist of a layer of organic materials (including vegetative matter, topsoil, and muskeg) underlain by loose fine sand, silty sand, and silt. These soils are typically marginally frozen (thermally-sensitive permafrost) below 2 ft. A desktop evaluation performed for the 2010 Report determined that shallow and warm permafrost conditions will require foundation designs that reduce the potential for utility damage as a result of permafrost thawing and settlement. Large structures, such as storage tanks, should also be insulated to maintain permafrost integrity. A detailed subsurface investigation should be conducted along the alignment to characterize the existing soils.

5.3 Surveying

CH2M HILL concurs with the 2010 Report that surveying must be performed to provide topographic information and horizontal location of the existing lines and right of way. Detailed information will be required at road crossings so that elevations can be established for design.

5.4 Permitting

As the state Office of Project Management and Permitting no longer coordinates the Coastal Project Questionnaire (CPQ), it will be the responsibility of the City or its consultant to coordinate with the pertinent regulatory agencies during the design phase. Interested parties which may require notification include the Alaska Department of Fish and Game and the Alaska Department of Natural Resources. For any fill placed in wetlands or other waters of the U.S., the City will contact the US Army Corps of Engineers for approval under the General Permit issued to the City for activities including creating foundation pads for structures and utilities.

As stated in the 2010 Report, an ADOT/PF Utility Agreement permit will likely be required for any road crossings on state property or for construction in the Highway right-of-way. An ADEC Approval to Construct and Operate will also be required.

5.5 Easements

As stated in Section 3.5, suitable easements and rights-of-way must be confirmed or established, as necessary, prior to design. Easements established for the sewer forcemain may need to be widened to accommodate two pipelines. Use of the State of Alaska's Right-of-way along the south side of the Chief Eddie Hoffman Highway should be coordinated with ADOT/PF by obtaining a Utility Agreement.

SECTION 6

Cost Estimate

The cost estimate was completed on a conceptual plan and is considered a Class 4 Estimate with an accuracy range of -30% to +50%. The project completion costs include construction, City administration, design, and construction support services. The cost range is shown in Table 7. This total project cost includes the complete loop, WTP improvements, and a new sewermain.

TABLE 7
Bethel IC Watermain Project Completion Cost Accuracy Range

	Accuracy Low Range -30%	Capital Total	Accuracy High Range +50%
Project Completion Cost	$7,383,000	$10,547,000	$15,820,000

As explained in Section 4.8, the total project costs exceed the available funds and the project will need to be completed in at least one additional phase.

A shortened loop that goes as far as the Qavartarvik Youth Hostel and the DHHS Youth Retention Facility can be completed in Phase I along with all of the necessary improvements at the WTP and all of the road borings for the complete project. Upon reception of further funding, the water loop could be installed later, as well as the additional sewermain. Phased costs could be as follows:

TABLE 8
Overall Costs
Bethel Watermain Loop – Phased Short Loop

	Accuracy Low Range -30%	Capital Total	Accuracy High Range +50%
Phase 1 Capital Cost	$4,748,000	**$6,783,000**	$10,175,000
Phase 2 Capital Cost	$3,632,000	**$5,188,000**	$7,782,000
Total Capital Cost Phases 1 & 2	***$8,380,000***	***$11,971,000***	***$17,957,000***

See Appendix B for cost estimate details. Appendix B1 contains the detailed estimate for the complete project without phasing. Appendix B2 contains cost details for a two-phase project.

SECTION 7

Conclusions and Recommendations

An 8-inch diameter, insulated loop is needed to serve the water needs of the IC in Bethel. The length of the total pipeline is 11,000 feet. In order to proceed with available funding, the project will have to be broken into phases. A shortened loop should be constructed to minimize the installation of wasted piping. The phased construction will include a loop that goes as far as the Qavartarvik Youth Hostel and the DHHS Youth Retention Facility, all of the necessary improvements at the WTP, and all of the road borings in Phase I. The loop could then be extended out to the Bethel Regional Public Health Center as shown in Figure 1 in a second phase. It is also recommended that an additional sewermain be constructed when the loop is completed, to avoid overloading hauled wastewater storage with an unlimited water source.

The necessary improvements at the WTP include a new high demand pump and two additional circulation pumps. The new high demand pump should be large enough to accommodate future build out at 1850 gpm and 100 psig output. A boiler or electrical system upgrade should not be required.

Operations at the WTP should be increased to work shifts six days per week to avoid construction of a new water storage tank. Service lines will be installed to the buildings requesting water service. It is recommended that the users connect piped water to their systems such that their existing water storage tanks remain in use.

SECTION 8

References

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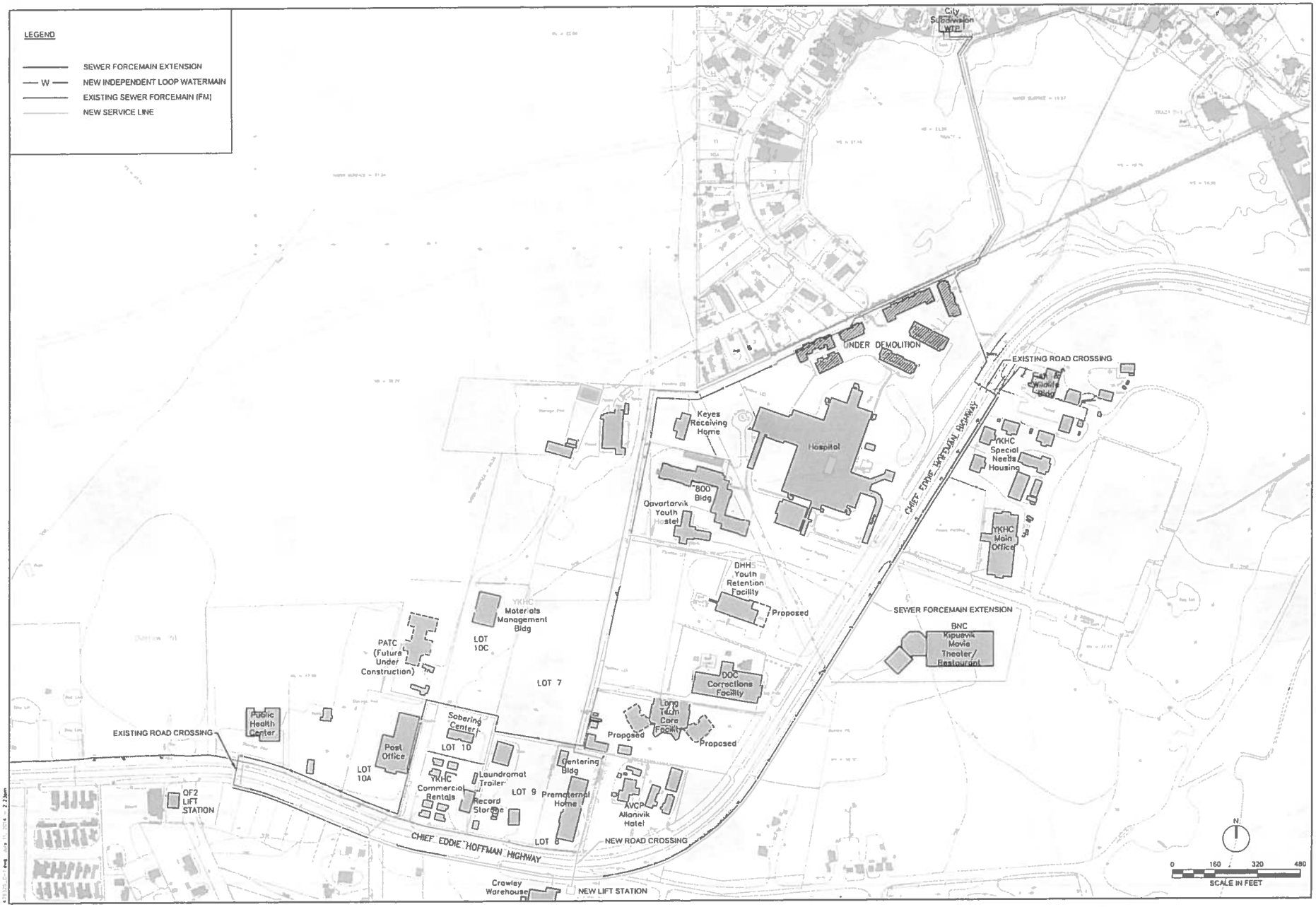
Appendix A
Schematic Drawings



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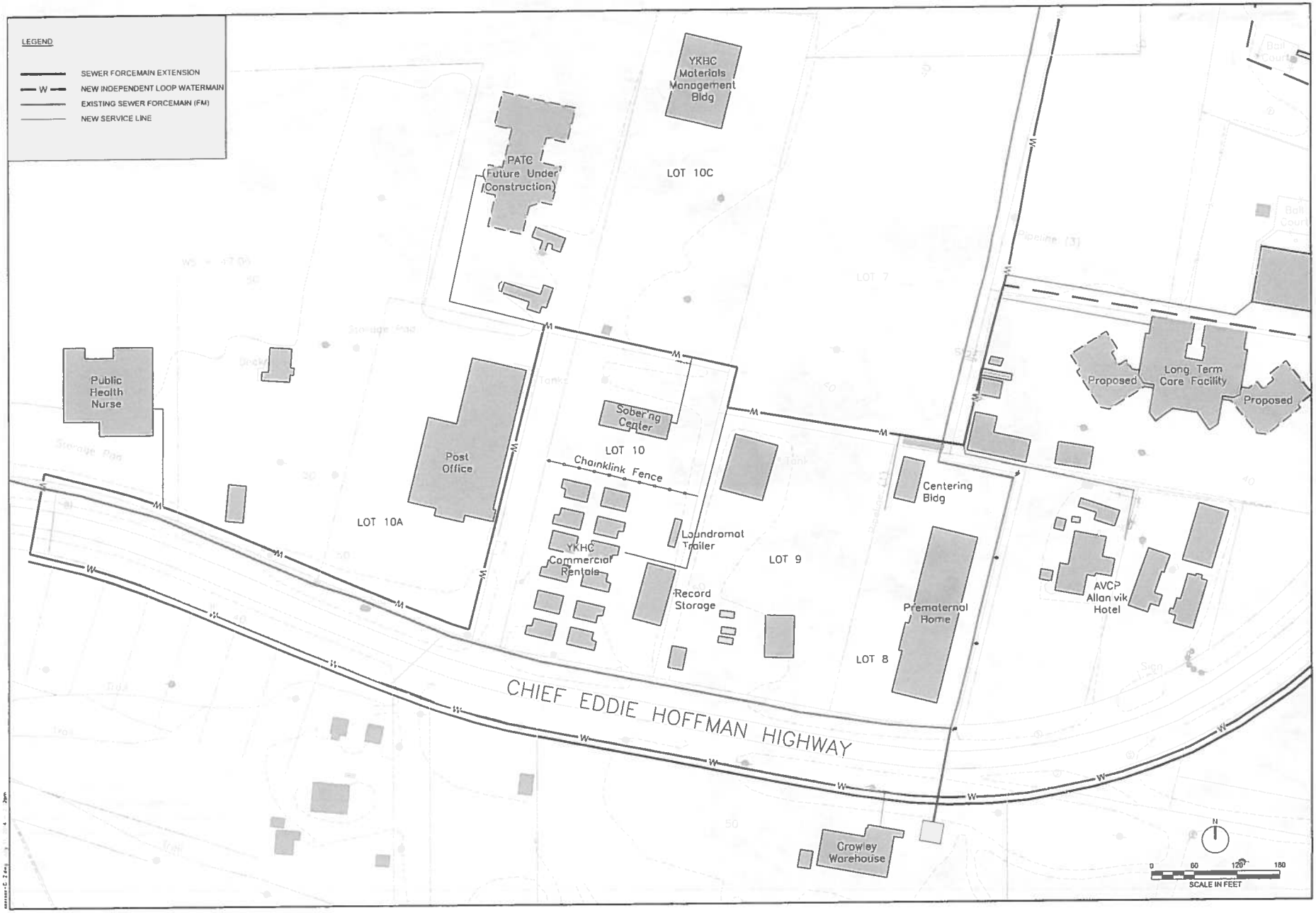
City of Bethel
Bethel, Alaska
INSTITUTIONAL CORRIDOR WATER SYSTEM
CIVIL
OVERALL LAYOUT

REVISION	BY	DATE

Project No. 479325
Date JULY 2014
Designed K. Walter
Drawn R. Benfield
Approved L. Wolf

Sheet No. C-1
SHEET 1 OF 5



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CIVIL
LAYOUT

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Project No. 439325
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Drawn B. Benfield
Approved J. Bjork

Sheet No. C-2
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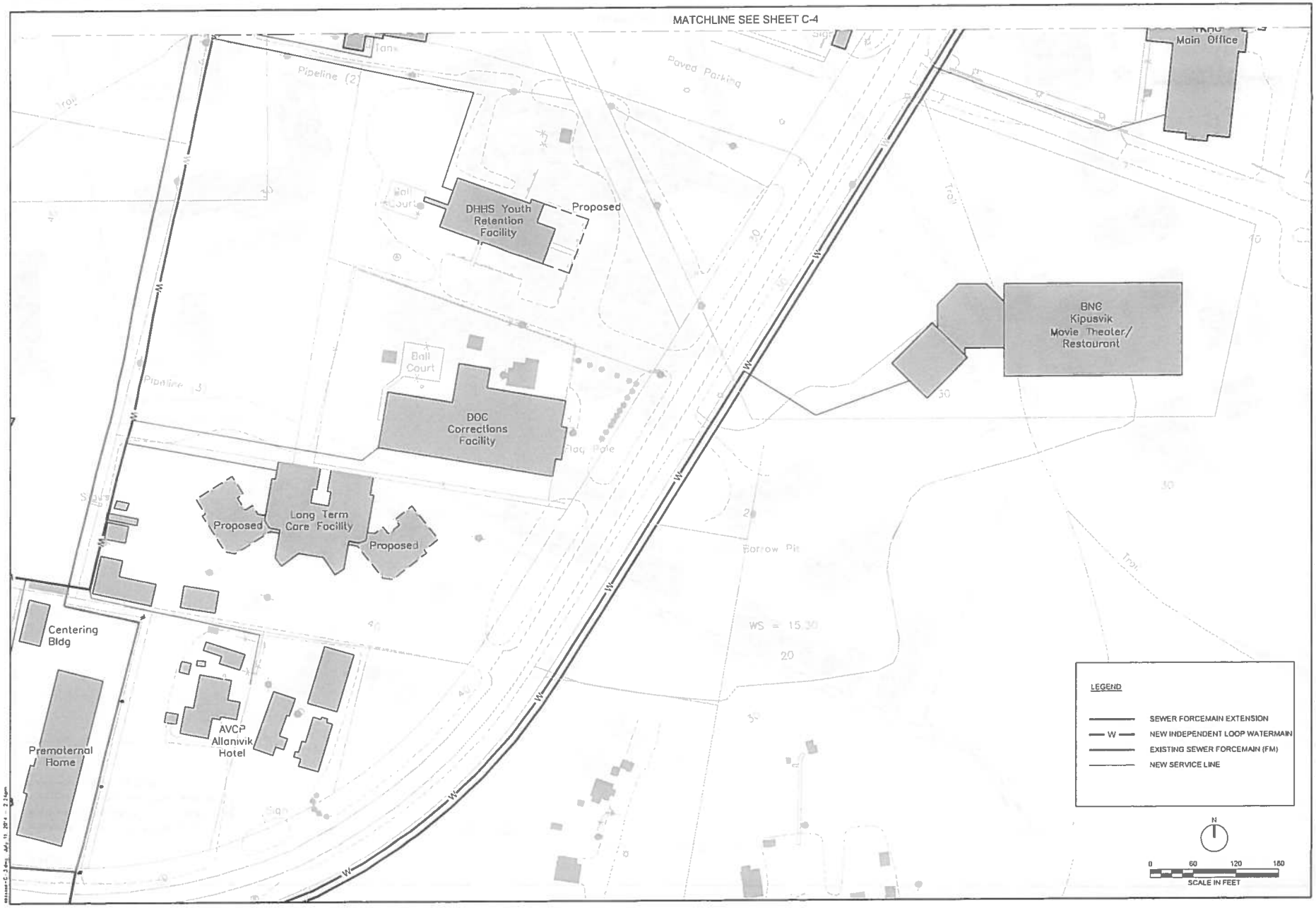

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CIVIL
LAYOUT

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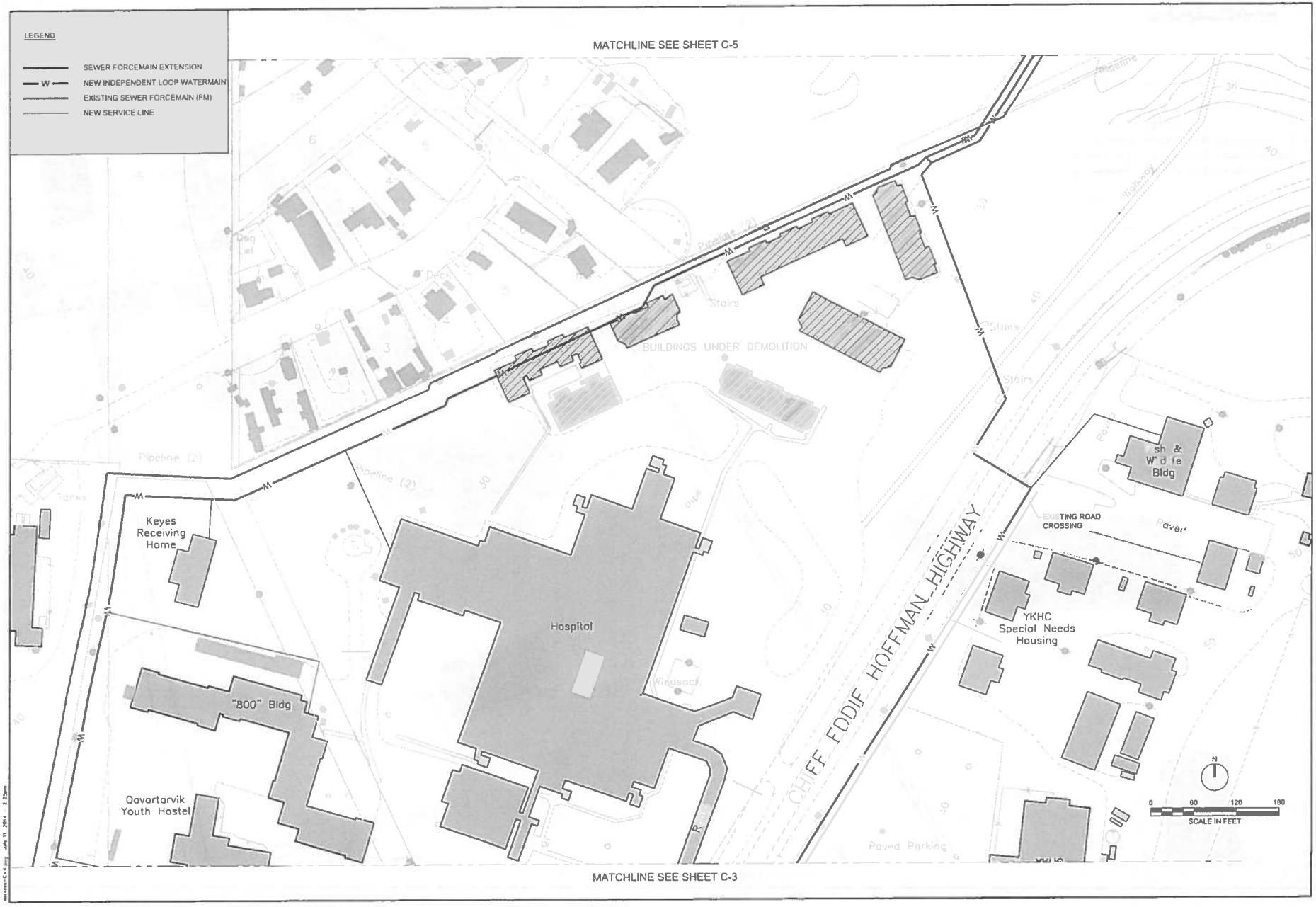
Project No. 479325
Date JULY 2014
Designed S. Wolter
Drawn R. Benfield
Approved L. Wolf

Sheet No. C3
SHEET 3 OF 5



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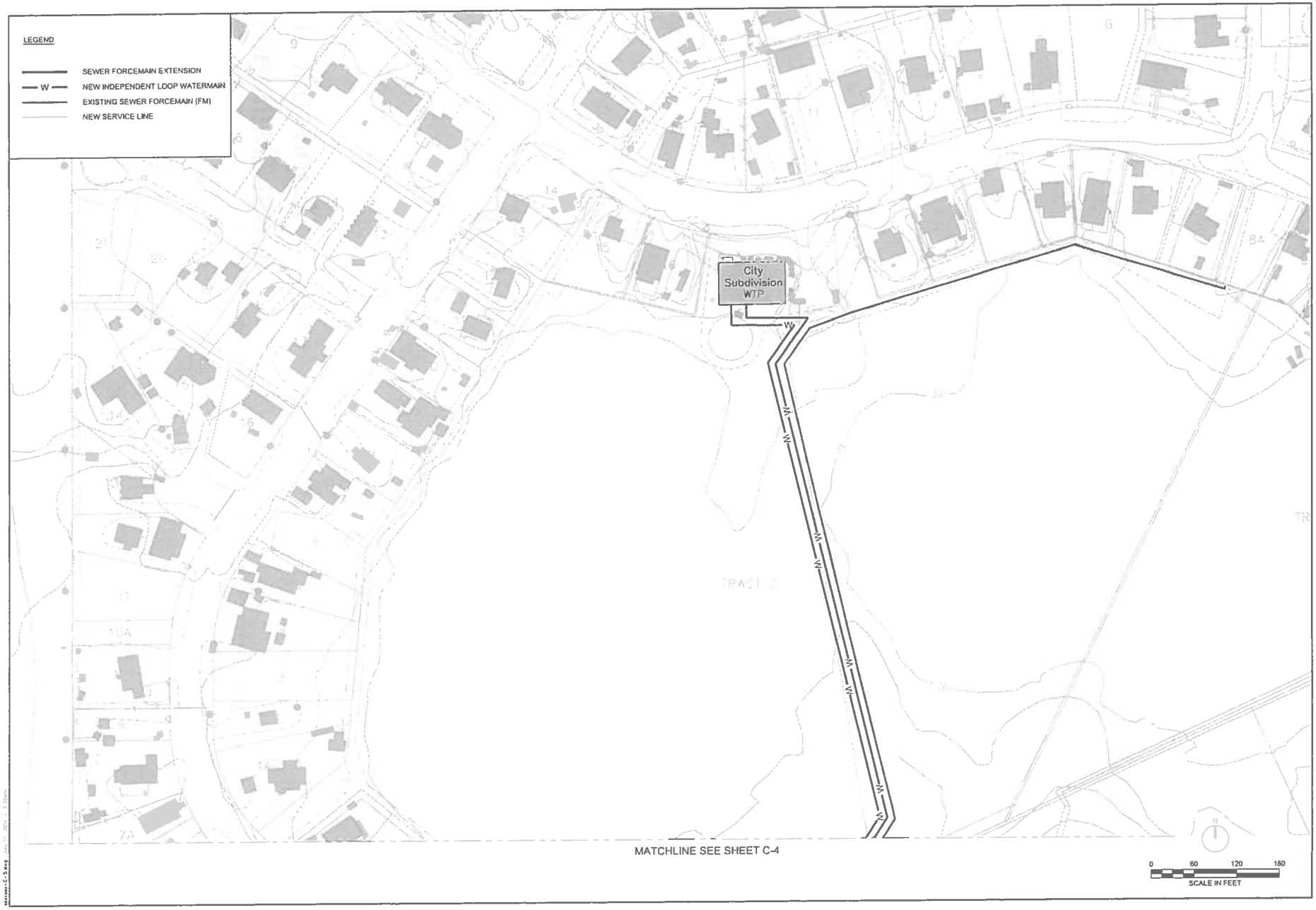
City of Bethel
Bethel, Alaska
INSTITUTIONAL CORRIDOR WATER SYSTEM
CIVIL LAYOUT

REVISION	BY	DATE

Project No. 379325
Date JULY 2014
Designed S. Wolter
Drawn R. Benfield
Approved J. Ward

Sheet No. C-4
SHEET 4 OF 5



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Bethel, Alaska
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WATER SYSTEM
CIVIL
LAYOUT

REVISION	BY	DATE

Project No. 479325
Date JULY 2014
Designed K. Water
Drawn R. Bentley
Approved T. Wahl

Sheet No. C-5
SHEET 5 OF 5

Appendix B
Cost Estimate

B1 – Complete Project Costs

CH2MHILL

Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavalleri
Revision / Date: 1/April 18, 2014
Estimate Class: 4

Bid Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total W/ Markups	Grand Total Unit Price
01	Mobilization & Demobilization	1.00 LS					763,000	763,000.00 /LS	763,000	1,217,593	1,217,593.10 /LS
02	Traffic Control & Public Relations	4,000.00 LF					40,000	10.00 /LF	40,000	63,832	15.96 /LF
03	Construction Surveying	1.00 LS					35,000	35,000.00 /LS	35,000	55,853	55,852.88 /LS
04	Preparation of SWPPP	1.00 LS					15,000	15,000.00 /LS	15,000	23,937	23,936.95 /LS
05	Maintenance of Water Service	1.00 LS					150,000	150,000.00 /LS	150,000	239,370	239,369.56 /LS
06	8" Dia HDPE Arctic Insulated Watermain	11,000.00 LF	344,395	440,000	100,000	112,888		90.66 /LF	997,282	3,514,180	319.47 /LF
07	8" Dia HDPE Arctic Insulated Sewer Forcemain	4,000.00 LF	125,235	160,000	85,000	41,050		102.82 /LF	411,285	1,447,764	361.94 /LF
08	Air Release Valve in Main Line	10.00 EA	1,220	22,000	3,000			2,621.98 /EA	26,220	93,123	9,312.25 /EA
09	Isolation Valve in Main Line	10.00 EA	1,220	18,000	3,000			2,221.98 /EA	22,220	78,871	7,887.10 /EA
10	Road Crossing	9.00 EA	59,832	151,847	62,000	21,119		32,755.27 /EA	294,797	1,040,319	115,590.99 /EA
11	Fire Hydrant	22.00 EA	17,499	44,550		566		2,846.10 /EA	62,614	221,822	10,082.81 /EA
12	Pipe Supports	1,100.00 EA	237,128	165,000		75,776		434.46 /EA	477,904	1,680,809	1,528.01 /EA
13	Instrall Water Services with Mainline and Building Connections	20.00 EA	29,276	100,000		2,400		6,583.82 /EA	131,676	466,929	23,346.43 /EA
14	Circulation Pump	2.00 EA	6,979	20,000		3,425		15,201.65 /EA	30,403	107,595	53,797.42 /EA
15	High Demand Pump	1.00 EA	8,723	70,000		4,281		83,004.12 /EA	83,004	294,823	294,822.73 /EA

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Estimate Totals

Construction Costs	Amount	Totals	Hours	Rate	% of Total
Labor	831,505		16,692.069 I		7.88%
Material	1,191,397				11.30%
Subcontract	253,000				2.40%
Equipment	261,504		6,142.682 I		2.48%
Subtotal Direct	**2,537,406**	**2,537,406**			24.06
Market Condition Adjustment	888,092			35.000 %	8.42%
Subtotal w/ Market Condition	**888,092**	**3,425,498**			8.42
General Conditions	513,825			15.000 %	4.87%
Subtotal w/ General Conditions	**513,825**	**3,939,323**			4.87
Material Sales Tax	83,398			7.000 %	0.79%
Subtotal w/ Sales Taxes	**83,398**	**4,022,721**			0.79
Contractor Overhead	603,408			15.000 %	5.72%
Contractor Profit	231,306			5.000 %	2.19%
Blder's Risk & Gen Liab Ins -%	48,574			1.000 %	0.46%
Payment & Performance Bonds	56,910			1.160 %	0.54%
Subtotal w/ Markups	**940,198**	**4,962,919**			8.91
Contingency	1,985,168			40.000 %	18.82%
Subtotal w/ Contingency	**1,985,168**	**6,948,087**			18.82
Escalation on Estimate Total	486,366			7.000 %	4.61%
Subtotal w/ Escalation	**486,366**	**7,434,453**			4.61
Non-Markup Items	1,003,000				9.51%
Subtotal Non-Markup Items	**1,003,000**	**8,437,453**			9.51
Construction Total		**8,437,453**			
City Administration	253,124			3.000 %	2.40%
Design Costs	843,745			10.000 %	8.00%
Construction Support Services	1,012,494			12.000 %	9.60%
Capital Total	**2,109,363**	**10,546,816**			20.00

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Job Size:
Duration

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavalleri
Revision / Date: 1/April 18, 2014
Estimate Class: 4

Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
01					**Mobilization & Demobilization**										
	01.0				General Conditions										
		01-01			Construction Operations										
			NJC-012		Mobilization & Demobilization										
				01-01-05-00	General Conditions, Other										
					Mobilization & Demobilization	1.00 ls	-	-	-	-	763,000	763,000.00 /ls	763,000	1,217,593.10 /ls	1,217,593
					01-01-05-00 General Conditions, Other	1.00 LS					763,000	763,000.00 /LS	763,000	1,217,593.10 /LS	1,217,593
					NJC-012 Mobilization & Demobilization	1.00 LS					763,000	763,000.00 /LS	763,000	1,217,593.10 /LS	1,217,593
					01-01 Construction Operations	1.00 LS					763,000	763,000.00 /LS	763,000	1,217,593.10 /LS	1,217,593
					01.0 General Conditions	1.00 LS					763,000	763,000.00 /LS	763,000	1,217,593.10 /LS	1,217,593
					01 Mobilization & Demobilization	1.00 LS					763,000	763,000.00 /LS	763,000	1,217,593.10 /LS	1,217,593
02					**Traffic Control & Public Relations**										
	01.0				General Conditions										
		01-01			Construction Operations										
			NJC-006		Traffic Control & Public Relations										
				01-01-05-00	General Conditions, Other										
					Traffic Control & Public Relations	1.00 ls	-	-	-	-	40,000	40,000.00 /ls	40,000	63,831.90 /ls	63,832
					01-01-05-00 General Conditions, Other	1.00 LS					40,000	40,000.00 /LS	40,000	63,831.90 /LS	63,832
					NJC-006 Traffic Control & Public Relations	1.00 LS					40,000	40,000.00 /LS	40,000	63,831.90 /LS	63,832
					01-01 Construction Operations	1.00 LS					40,000	40,000.00 /LS	40,000	63,831.90 /LS	63,832
					01.0 General Conditions	1.00 LS					40,000	40,000.00 /LS	40,000	63,831.90 /LS	63,832
					02 Traffic Control & Public Relations	4,000.00 LF					40,000	10.00 /LF	40,000	15.96 /LF	63,832
03					**Construction Surveying**										
	01.0				General Conditions										
		01-01			Construction Operations										
			NJC-008		Construction Surveying										
				01-01-05-00	General Conditions, Other										
					Construction Surveying	1.00 ls	-	-	-	-	35,000	35,000.00 /ls	35,000	55,852.88 /ls	55,853
					01-01-05-00 General Conditions, Other	1.00 LS					35,000	35,000.00 /LS	35,000	55,852.88 /LS	55,853
					NJC-008 Construction Surveying	1.00 LS					35,000	35,000.00 /LS	35,000	55,852.88 /LS	55,853
					01-01 Construction Operations	1.00 LS					35,000	35,000.00 /LS	35,000	55,852.88 /LS	55,853
					01.0 General Conditions	1.00 LS					35,000	35,000.00 /LS	35,000	55,852.88 /LS	55,853
					03 Construction Surveying	1.00 LS					35,000	35,000.00 /LS	35,000	55,852.88 /LS	55,853
04					**Preparation of SWPPP**										
	01.0				General Conditions										
		01-01			Construction Operations										
			NJC-010		Preparation of SWPPP										
				01-01-05-00	General Conditions, Other										
					Preparation of SWPPP	1.00 ls	-	-	-	-	15,000	15,000.00 /ls	15,000	23,936.95 /ls	23,937
					01-01-05-00 General Conditions, Other	1.00 LS					15,000	15,000.00 /LS	15,000	23,936.95 /LS	23,937
					NJC-010 Preparation of SWPPP	1.00 LS					15,000	15,000.00 /LS	15,000	23,936.95 /LS	23,937
					01-01 Construction Operations	1.00 LS					15,000	15,000.00 /LS	15,000	23,936.95 /LS	23,937
					01.0 General Conditions	1.00 LS					15,000	15,000.00 /LS	15,000	23,936.95 /LS	23,937
					04 Preparation of SWPPP	1.00 LS					15,000	15,000.00 /LS	15,000	23,936.95 /LS	23,937
05					**Maintenance of Water Service**										
	01.0				General Conditions										
		01-01			Construction Operations										
			NJC-014		Maintenance of Water Service										
				01-01-05-00	General Conditions, Other										
					Maintenance of Water Service	1.00 ls	-	-	-	-	150,000	150,000.00 /ls	150,000	239,369.56 /ls	239,370
					01-01-05-00 General Conditions, Other	1.00 LS					150,000	150,000.00 /LS	150,000	239,369.56 /LS	239,370
					NJC-014 Maintenance of Water Service	1.00 LS					150,000	150,000.00 /LS	150,000	239,369.56 /LS	239,370
					01-01 Construction Operations	1.00 LS					150,000	150,000.00 /LS	150,000	239,369.56 /LS	239,370
					01.0 General Conditions	1.00 LS					150,000	150,000.00 /LS	150,000	239,369.56 /LS	239,370
					05 Maintenance of Water Service	1.00 LS					150,000	150,000.00 /LS	150,000	239,369.56 /LS	239,370
06					**8" Dia HDPE Arctic Insulated Watermain**										
	40.0				Process Piping										
		33-35			Pipelines										
			NJC-002		Watermain Loop										
				40-10-07-08	Pipe, HDPE, 8"										
					HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, Insulated	11,000.00 lf	344,395	440,000	-	112,888	-	81.57 /lf	897,282	287.72 /lf	3,164,892

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Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavalleri
Revision / Date: 1/April 18, 2014
Estimate Class: 4

Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
				40-10-07-08	Pipe, HDPE, 8"										
					Fittings Allowance	1.00 ls	-	-	100,000	-	-	100,000.00 /ls	100,000	349,287.18 /ls	349,287
					40-10-07-08 Pipe, HDPE, 8"	11,000.00 LF	344,395	440,000	100,000	112,888		90.66 /LF	997,282	319.47 /LF	3,514,180
					NJC-002 Watermain Loop	11,000.00 LF	344,395	440,000	100,000	112,888		90.66 /LF	997,282	319.47 /LF	3,514,180
					33-35 Pipelines	11,000.00 LF	344,395	440,000	100,000	112,888		90.66 /LF	997,282	319.47 /LF	3,514,180
					40.0 Process Piping	11,000.00 LF	344,395	440,000	100,000	112,888		90.66 /LF	997,282	319.47 /LF	3,514,180
					06 8" Dia HDPE Arctic Insulated Watermain	**11,000.00 LF**	**344,395**	**440,000**	**100,000**	**112,888**		**90.66 /LF**	**997,282**	**319.47 /LF**	**3,514,180**
07					**8" Dia HDPE Arctic Insulated Sewer Forcemain**										
	40.0				Process Piping										
		33-35			Pipelines										
			NJC-004		Sewer Forcemain										
				40-10-07-08	Pipe, HDPE, 8"										
					HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, insulated	4,000.00 lf	125,235	160,000	-	41,050	-	81.57 /lf	326,285	287.72 /lf	1,150,870
					Fittings Allowance	1.00 ls	-	-	35,000	-	-	35,000.00 /ls	35,000	122,250.52 /ls	122,251
					40-10-07-08 Pipe, HDPE, 8"	4,000.00 LF	125,235	160,000	35,000	41,050		90.32 /LF	361,285	318.28 /LF	1,273,120
					NJC-004 Sewer Forcemain	4,000.00 LF	125,235	160,000	35,000	41,050		90.32 /LF	361,285	318.28 /LF	1,273,120
			NJC-005		Sewer Forcemain Lift Station										
				33-60-09-00	Pipeline Specials, Other										
					Sewer Lift Station Allowance	1.00 ls	-	-	50,000	-	-	50,000.00 /ls	50,000	174,643.62 /ls	174,644
					33-60-09-00 Pipeline Specials, Other	1.00 LS			50,000			50,000.00 /LS	50,000	174,643.62 /LS	174,644
					NJC-005 Sewer Forcemain Lift Station	1.00 EA			50,000			50,000.00 /EA	50,000	174,643.62 /EA	174,644
					33-35 Pipelines	4,000.00 LF	125,235	160,000	85,000	41,050		102.82 /LF	411,285	361.94 /LF	1,447,764
					40.0 Process Piping	4,000.00 LF	125,235	160,000	85,000	41,050		102.82 /LF	411,285	361.94 /LF	1,447,764
					07 8" Dia HDPE Arctic Insulated Sewer Forcemain	**4,000.00 LF**	**125,235**	**160,000**	**85,000**	**41,050**		**102.82 /LF**	**411,285**	**361.94 /LF**	**1,447,764**
08					**Air Release Valve in Main Line**										
	33.0				Piping										
		33-45			Pipeline Valves										
			NJC-018		Air Release Valve in Main Line										
				33-20-08-04	Valves, Air Valve Assembly										
					Air Valve Assembly	10.00 ea	1,220	22,000	-	-	-	2,321.96 /ea	23,220	8,264.39 /ea	82,644
					Miscellaneous Items Allowance	1.00 ls	-	-	3,000	-	-	3,000.00 /ls	3,000	10,478.63 /ls	10,479
					33-20-08-04 Valves, Air Valve Assembly	10.00 EA	1,220	22,000	3,000			2,621.98 /EA	26,220	9,312.25 /EA	93,123
					NJC-018 Air Release Valve in Main Line	10.00 EA	1,220	22,000	3,000			2,621.98 /EA	26,220	9,312.25 /EA	93,123
					33-45 Pipeline Valves	10.00 EA	1,220	22,000	3,000			2,621.98 /EA	26,220	9,312.25 /EA	93,123
					33.0 Piping		1,220	22,000	3,000			/LF	26,220	/LF	93,123
					08 Air Release Valve in Main Line	**10.00 EA**	**1,220**	**22,000**	**3,000**			**2,621.98 /EA**	**26,220**	**9,312.25 /EA**	**93,123**
09					**Isolation Valve in Main Line**										
	33.0				Piping										
		33-45			Pipeline Valves										
			NJC-020		Isolation Valve in Main Line										
				33-20-08-100	Valves, Isolation Valve										
					Isolation Valve Assembly	10.00 ea	1,220	18,000	-	-	-	1,921.96 /ea	19,220	6,839.24 /ea	68,392
					Miscellaneous Items Allowance	1.00 ls	-	-	3,000	-	-	3,000.00 /ls	3,000	10,478.63 /ls	10,479
					33-20-08-100 Valves, Isolation Valve	10.00 EA	1,220	18,000	3,000			2,221.98 /EA	22,220	7,887.10 /EA	78,871
					NJC-020 Isolation Valve in Main Line	10.00 EA	1,220	18,000	3,000			2,221.98 /EA	22,220	7,887.10 /EA	78,871
					33-45 Pipeline Valves	10.00 EA	1,220	18,000	3,000			2,221.98 /EA	22,220	7,887.10 /EA	78,871
					33.0 Piping		1,220	18,000	3,000			/LF	22,220	/LF	78,871
					09 Isolation Valve in Main Line	**10.00 EA**	**1,220**	**18,000**	**3,000**			**2,221.98 /EA**	**22,220**	**7,887.10 /EA**	**78,871**
10					**Road Crossing**										
	33.0				Piping										
		33-35			Pipelines										
			NJC-026		Road Crossing, Open Cut										
				40-10-07-08	Pipe, HDPE, 8"										
					Excavate Trench	340.00 cuyd	3,668	0	-	1,846	-	16.22 /cuyd	5,514	56.84 /cuyd	19,258
					Backfill Native	170.00 cuyd	468	0	-	67	-	3.15 /cuyd	536	11.00 /cuyd	1,871
					Pipe Bedding and Zone - Crushed Rock	190.00 cy	364	2,650	-	262	-	18.29 /cy	3,476	64.95 /cy	12,340
					Hauling, excavated or borrow material, loose cubic yards, 5 mile round trip, 1.1 loads/hour, 20 C.Y. dump trailer, highway haulers, excludes loading	170.00 lcy	427	-	-	672	-	6.47 /lcy	1,099	22.58 /lcy	3,839
					HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, insulated	400.00 lf	12,523	16,000	-	4,105	-	81.57 /lf	32,628	287.72 /lf	115,087
					Pipe Casing	400.00 lf	2,299	30,000	-	735	-	82.59 /lf	33,034	293.71 /lf	117,484
					Surface Restoration	2,400.00 sf	-	-	12,000	-	-	5.00 /sf	12,000	17.46 /sf	41,914

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Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
					40-10-07-08 Pipe, HDPE, 8"	400.00 LF	19,750	48,850	12,000	7,687		220.72 /LF	88,287	779.48 /LF	311,794
					NJC-026 Road Crossing, Open Cut	8.00 EA	19,750	48,850	12,000	7,687		11,035.84 /EA	88,287	38,974.22 /EA	311,794
					33-35 Pipelines	400.00 LF	19,750	48,850	12,000	7,687		220.72 /LF	88,287	779.48 /LF	311,794
		33-60			Trenchless Technology										
			NJC-024		Road Crossing, Bore and Jack										
				33-60-02-37	Pipeline Specials, Jack and Bore, 8" PVC in 24" Casing										
					Temp K Rail Rental, Delivery, Place, Remove and Return	16.00 ea		40,920	-	-	-	2,557.50 /ea	40,920	9,112.04 /ea	145,793
					Temporary Fencing, chain link, 6' high, 11 ga	160.00 lf	378	1,146	-	-	-	9.53 /lf	1,524	33.78 /lf	5,404
					Single Pipe, Pipe Skid	25.00 ea		6,394	-	-	-	255.75 /ea	6,394	911.20 /ea	22,780
					Closure Boot Seal	2.00 ea		2,455	-	-	-	1,227.60 /ea	2,455	4,373.79 /ea	8,748
					Shoring, cost per sfca trench wall, monthly rental	1,694.00 sf	-	11,333	-	-		6.69 /sf	11,333	23.84 /sf	40,378
					Concrete pressure grouting, cement and sand, 1:1 mix, maximum	420.00 cf	7,966	13,749	-	1,098	-	54.32 /cf	22,813	192.01 /cf	80,646
					Exc Jacking and Receiving Pits	230.00 cuyd	2,481		-	1,248	-	16.22 /cuyd	3,730	56.64 /cuyd	13,028
					Backfill Native	165.00 cuyd	455		-	65	-	3.15 /cuyd	520	11.00 /cuyd	1,816
					Pipe Zone - Crushed Rock	80.00 cy	153	1,200	-	110	-	18.29 /cy	1,464	64.95 /cy	5,196
					Hauling, excavated or borrow material, loose cubic yards, 5 mile round trip, 1.1 loads/hour, 20 C.Y. dump trailer, highway haulers, excludes loading	110.00 lcy	276	-	-	435	-	6.47 /lcy	711	22.58 /lcy	2,484
					Horizontal boring, roadwork, 1/2" thick wall, 24" diameter casing, includes casing only, 100' minimum, excludes jacking pits or dewatering	150.00 lf	23,676	19,800	-	8,936	-	349.41 /lf	52,411	1,229.68 /lf	184,452
					Horizontal boring, mobilization and demobilization, maximum	1.00 ea	-	-	50,000	-		50,000.00 /ea	50,000	174,643.62 /ea	174,644
					HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, insulated	150.00 lf	4,696	6,000	-	1,539	-	81.57 /lf	12,236	287.72 /lf	43,158
					33-60-02-37 Pipeline Specials, Jack and Bore, 8" PVC in 24" Casing	150.00 LF	40,082	102,997	50,000	13,432		1,376.74 /LF	206,511	4,856.83 /LF	728,525
					NJC-024 Road Crossing, Bore and Jack	150.00 LF	40,082	102,997	50,000	13,432		1,376.74 /LF	206,511	4,856.83 /LF	728,525
					33-60 Trenchless Technology	150.00 LF	40,082	102,997	50,000	13,432		1,376.74 /LF	206,511	4,856.83 /LF	728,525
					33.0 Piping	550.00 LF	59,832	151,847	62,000	21,119		536.00 /LF	294,797	1,891.49 /LF	1,040,319
					10 Road Crossing	9.00 EA	59,832	151,847	62,000	21,119		32,755.27 /EA	294,797	115,590.99 /EA	1,040,319
11					Fire Hydrant										
	33.0				Piping										
		33-45			Pipeline Valves										
			NJC-016		Fire Hydrant										
				33-20-04-01	Valves, Fire Hydrants										
					Water Utility Distribution Fire Hydrants	22.00 ea	11,666	33,550	-	377	-	2,072.40 /ea	45,593	7,345.38 /ea	161,598
					Miscellaneous Items for Fire Hydrant Installation	22.00 ea	5,833	11,000	-	189	-	773.70 /ea	17,021	2,737.44 /ea	60,224
					33-20-04-01 Valves, Fire Hydrants	22.00 EA	17,499	44,550		566		2,846.10 /EA	62,614	10,082.81 /EA	221,822
					NJC-016 Fire Hydrant	22.00 EA	17,499	44,550		566		2,846.10 /EA	62,614	10,082.81 /EA	221,822
					33-45 Pipeline Valves	22.00 EA	17,499	44,550		566		2,846.10 /EA	62,614	10,082.81 /EA	221,822
					33.0 Piping		17,499	44,550		566		/LF	62,614	/LF	221,822
					11 Fire Hydrant	22.00 EA	17,499	44,550		566		2,846.10 /EA	62,614	10,082.81 /EA	221,822
12					Pipe Supports										
	40.0				Process Piping										
		33-35			Pipelines										
			NJC-002		Watermain Loop										
				40-00-99-01	Pipe, Other										
					Pipe Supports	1,100.00 ea	237,128	165,000	-	75,776	-	434.46 /ea	477,904	1,528.01 /ea	1,680,809
					40-00-99-01 Pipe, Other	1,100.00 EA	237,128	165,000		75,776		434.46 /EA	477,904	1,528.01 /EA	1,680,809
					NJC-002 Watermain Loop	11,000.00 LF	237,128	165,000		75,776		43.45 /LF	477,904	152.80 /LF	1,680,809
					33-35 Pipelines	11,000.00 LF	237,128	165,000		75,776		43.45 /LF	477,904	152.80 /LF	1,680,809
					40.0 Process Piping	11,000.00 LF	237,128	165,000		75,776		43.45 /LF	477,904	152.80 /LF	1,680,809
					12 Pipe Supports	1,100.00 EA	237,128	165,000		75,776		434.46 /EA	477,904	1,528.01 /EA	1,680,809
13					Instrall Water Services with Mainline and Building Connections										
	33.0				Piping										
		33-50			Pipeline Specials										
			NJC-022		Instrall Water Services with Mainline and Building Connections										
				33-30-06-01	Pipe Specials, Tie-Ins										
					Pipe Tie-In's and Building Connection	20.00 ea	29,276	100,000	-	2,400	-	6,583.82 /ea	131,676	23,346.43 /ea	466,929
					33-30-06-01 Pipe Specials, Tie-Ins	20.00 EA	29,276	100,000		2,400		6,583.82 /EA	131,676	23,346.43 /EA	466,929
					NJC-022 Instrall Water Services with Mainline and Building Connections	20.00 EA	29,276	100,000		2,400		6,583.82 /EA	131,676	23,346.43 /EA	466,929
					33-50 Pipeline Specials	20.00 EA	29,276	100,000		2,400		6,583.82 /EA	131,676	23,346.43 /EA	466,929
					33.0 Piping		29,276	100,000		2,400		/LF	131,676	/LF	466,929

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Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavallen
Revision / Date: 1/April 18, 2014
Estimate Class: 4

Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
					13 Instrall Water Services with Mainline and Building Connections	20.00 EA	29,276	100,000		2,400		6,583.82 /EA	131,676	23,346.43 /EA	466,929
14					Circulation Pump										
	43.0				Process Equipment										
		43-05			Furnish and Install Process Equipment										
			NJC-028		Circulation Pump										
				44-05-60-10	Circulation Pump										
					Furnish and Install Circulation Pump Allowance	2.00 ea	6,979	20,000	-	3,425	-	15,201.65 /ea	30,403	53,797.43 /ea	107,595
					44-05-60-10 Circulation Pump	2.00 EA	6,979	20,000		3,425		15,201.65 /EA	30,403	53,797.42 /EA	107,595
					NJC-028 Circulation Pump	2.00 EA	6,979	20,000		3,425		15,201.65 /EA	30,403	53,797.42 /EA	107,595
					43-05 Furnish and Install Process Equipment	1.00 LS	6,979	20,000		3,425		30,403.30 /LS	30,403	107,594.85 /LS	107,595
					43.0 Process Equipment	1.00 LS	6,979	20,000		3,425		30,403.30 /LS	30,403	107,594.85 /LS	107,595
					14 Circulation Pump	2.00 EA	6,979	20,000		3,425		15,201.65 /EA	30,403	53,797.42 /EA	107,595
15					High Demand Pump										
	43.0				Process Equipment										
		43-05			Furnish and Install Process Equipment										
			NJC-030		High Demand Pump										
				44-05-60-15	High Demand Pump										
					Furnish and Install High Demand Pump Allowance	1.00 ls	8,723	70,000	-	4,281	-	83,004.12 /ls	83,004	294,822.73 /ls	294,823
					44-05-60-15 High Demand Pump	1.00 EA	8,723	70,000		4,281		83,004.12 /EA	83,004	294,822.73 /EA	294,823
					NJC-030 High Demand Pump	1.00 EA	8,723	70,000		4,281		83,004.12 /EA	83,004	294,822.73 /EA	294,823
					43-05 Furnish and Install Process Equipment	1.00 LS	8,723	70,000		4,281		83,004.12 /LS	83,004	294,822.73 /LS	294,823
					43.0 Process Equipment	1.00 LS	8,723	70,000		4,281		83,004.12 /LS	83,004	294,822.73 /LS	294,823
					15 High Demand Pump	1.00 EA	8,723	70,000		4,281		83,004.12 /EA	83,004	294,822.73 /EA	294,823

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Estimate Totals

Construction Costs	Amount	Totals	Hours	Rate	% of Total
Labor	831,505		16,692.069 I		7.88%
Material	1,191,397				11.30%
Subcontract	253,000				2.40%
Equipment	261,504		6,142.682 I		2.48%
Subtotal Direct	**2,537,406**	**2,537,406**			24.06
Market Condition Adjustment	888,092			35.000 %	8.42%
Subtotal w/ Market Condition	**888,092**	**3,425,498**			8.42
General Conditions	513,825			15.000 %	4.87%
Subtotal w/ General Conditions	**513,825**	**3,939,323**			4.87
Material Sales Tax	83,398			7.000 %	0.79%
Subtotal w/ Sales Taxes	**83,398**	**4,022,721**			0.79
Contractor Overhead	603,408			15.000 %	5.72%
Contractor Profit	231,306			5.000 %	2.19%
Bider's Risk & Gen Liab Ins -%	48,574			1.000 %	0.46%
Payment & Performance Bonds	56,910			1.160 %	0.54%
Subtotal w/ Markups	**940,198**	**4,962,919**			8.91
Contingency	1,985,168			40.000 %	18.82%
Subtotal w/ Contingency	**1,985,168**	**6,948,087**			18.82
Escalation on Estimate Total	486,366			7.000 %	4.61%
Subtotal w/ Escalation	**486,366**	**7,434,453**			4.61
Non-Markup Items	1,003,000				9.51%
Subtotal Non-Markup Items	**1,003,000**	**8,437,453**			9.51
Construction Total		**8,437,453**			
City Administration	253,124			3.000 %	2.40%
Design Costs	843,745			10.000 %	8.00%
Construction Support Services	1,012,494			12.000 %	9.60%
Capital Total	**2,109,363**	**10,546,816**			20.00

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B2 – Phased Project Costs

CH2MHILL

Job Size:
Duration:

Phase 1 Summary Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavallen
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total W/ Markups	Grand Total Unit Price
01		Phase 1										
	01	Mobilization & Demobilization	1.00 LS					510,000	510,000.00 /LS	510,000	510,000	510,000.00 /LS
	02	Traffic Control & Public Relations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000	20,000.00 /LS
	03	Construction Surveying	1.00 LS					17,500	17,500.00 /LS	17,500	17,500	17,500.00 /LS
	04	Preparation of SWPPP	1.00 LS					7,500	7,500.00 /LS	7,500	7,500	7,500.00 /LS
	05	Maintenance of Water Service	1.00 LS					75,000	75,000.00 /LS	75,000	75,000	75,000.00 /LS
	06	8" Dia HDPE Arctic Insulated Watermain	6,220.00 LF	194,740	248,800	51,000	63,833		89.77 /LF	558,372	2,100,911	337.77 /LF
	08	Air Release Valve in Main Line	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	49,688	9,937.59 /EA
	09	Isolation Valve in Main Line	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	42,085	8,417.05 /EA
	10	Road Crossing	7.00 EA	130,120	333,415	56,000	44,140		80,525.06 /EA	563,675	2,126,622	303,803.09 /EA
	11	Fire Hydrant	13.00 EA	10,340	26,325		334		2,846.10 /EA	36,999	139,901	10,761.61 /EA
	12	Pipe Supports	622.00 EA	134,085	93,300		42,848		434.46 /EA	270,233	1,014,871	1,631.63 /EA
	13	Instrall Water Services with Mainline and Building Connections	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	249,167	24,916.67 /EA
	14	Circulation Pump	2.00 EA	6,979	20,000		3,425		15,201.65 /EA	30,403	114,846	57,423.00 /EA
	15	High Demand Pump	1.00 EA	8,723	70,000		4,281		83,004.12 /EA	83,004	314,619	314,619.22 /EA
		01 Phase 1	1.00 LS	500,844	861,840	110,000	160,061	630,000	2,262,745.75 /LS	2,262,746	6,782,710	6,782,710.01 /LS

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Detail Report

Project: Bethel Watermain Loop
Project No. 479325
Design Stage: 10%

Estimator: N. Cavalleri
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Phase 1Totals

Construction Costs	Amount	Totals	Hours	Rate	% of Total
Labor	500,844		10,087.944 I		7.38%
Material	861,840				12.71%
Subcontract	110,000				1.62%
Equipment	160,061		3,700.021 I		2.36%
Subtotal Direct	**1,632,745**	**1,632,745**			24.07
Market Condition Adjustment	571,461			35.000 %	8.43%
Subtotal w/ Market Condition	**571,461**	**2,204,206**			8.43
General Conditions	330,631			15.000 %	4.87%
Subtotal w/ General Conditions	**330,631**	**2,534,837**			4.87
Material Sales Tax	60,329			7.000 %	0.89%
Subtotal w/ Sales Taxes	**60,329**	**2,595,166**			0.89
Contractor Overhead	389,275			15.000 %	5.74%
Contractor Profit	149,222			5.000 %	2.20%
Bider's Risk & Gen Liab Ins -%	31,337			1.000 %	0.46%
Payment & Performance Bonds	36,714			1.160 %	0.54%
Subtotal w/ Markups	**606,548**	**3,201,714**			8.94
Contingency	1,280,686			40.000 %	18.88%
Subtotal w/ Contingency	**1,280,686**	**4,482,400**			18.88
Escalation on Estimate Total	313,768			7.000 %	4.63%
Subtotal w/ Escalation	**313,768**	**4,796,168**			4.63
Non-Markup Items	630,000				9.29%
Subtotal Non-Markup Items	**630,000**	**5,426,168**			9.29
Construction Total		**5,426,168**			
City Administration	162,785			3.000 %	2.40%
Design Costs	542,617			10.000 %	8.00%
Construction Support Services	651,140			12.000 %	9.60%
Capital Total	**1,356,542**	**6,782,710**			**20.00**

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CH2MHILL

Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No. 479325
Design Stage 10%

Estimator: N. Cavalleri
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
01						Phase 1										
	01					Mobilization & Demobilization										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-012		Mobilization & Demobilization										
					01-01-05-00	General Conditions, Other										
						Mobilization & Demobilization	1.00 ls	-	-	-	-	510,000	510,000.00 /ls	510,000	510,000.00 /ls	510,000
						01-01-05-00 General Conditions, Other	1.00 LS					510,000	510,000.00 /LS	510,000	510,000.00 /LS	510,000
						NJC-012 Mobilization & Demobilization	1.00 LS					510,000	510,000.00 /LS	510,000	510,000.00 /LS	510,000
						01-01 Construction Operations	1.00 LS					510,000	510,000.00 /LS	510,000	510,000.00 /LS	510,000
						01.0 General Conditions	1.00 LS					510,000	510,000.00 /LS	510,000	510,000.00 /LS	510,000
						01 Mobilization & Demobilization	1.00 LS					510,000	510,000.00 /LS	510,000	510,000.00 /LS	510,000
	02					Traffic Control & Public Relations										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-006		Traffic Control & Public Relations										
					01-01-05-00	General Conditions, Other										
						Traffic Control & Public Relations	1.00 ls	-	-	-	-	20,000	20,000.00 /ls	20,000	20,000.00 /ls	20,000
						01-01-05-00 General Conditions, Other	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						NJC-006 Traffic Control & Public Relations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						01-01 Construction Operations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						01.0 General Conditions	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						02 Traffic Control & Public Relations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
	03					Construction Surveying										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-008		Construction Surveying										
					01-01-05-00	General Conditions, Other										
						Construction Surveying	1.00 ls	-	-	-	-	17,500	17,500.00 /ls	17,500	17,500.00 /ls	17,500
						01-01-05-00 General Conditions, Other	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						NJC-008 Construction Surveying	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						01-01 Construction Operations	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						01.0 General Conditions	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						03 Construction Surveying	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
	04					Preparation of SWPPP										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-010		Preparation of SWPPP										
					01-01-05-00	General Conditions, Other										
						Preparation of SWPPP	1.00 ls	-	-	-	-	7,500	7,500.00 /ls	7,500	7,500.00 /ls	7,500
						01-01-05-00 General Conditions, Other	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						NJC-010 Preparation of SWPPP	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						01-01 Construction Operations	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						01.0 General Conditions	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						04 Preparation of SWPPP	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
	05					Maintenance of Water Service										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-014		Maintenance of Water Service										
					01-01-05-00	General Conditions, Other										
						Maintenance of Water Service	1.00 ls	-	-	-	-	75,000	75,000.00 /ls	75,000	75,000.00 /ls	75,000
						01-01-05-00 General Conditions, Other	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						NJC-014 Maintenance of Water Service	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						01-01 Construction Operations	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						01.0 General Conditions	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						05 Maintenance of Water Service	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
	06					8" Dia HDPE Arctic Insulated Watermain										
		40.0				Process Piping										
			33-35			Pipelines										
				NJC-002		Watermain Loop										
					40-10-07-08	Pipe, HDPE, 8"										
						HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, Insulated	6,220.00 lf	194,740	248,800	-	63,833	-	81.57 /lf	507,372	307.17 /lf	1,910,611
						Fittings Allowance	1.00 ls	-	-	51,000	-	-	51,000.00 /ls	51,000	190,299.96 /ls	190,300
						40-10-07-08 Pipe, HDPE, 8"	6,220.00 LF	194,740	248,800	51,000	63,833		89.77 /LF	558,372	337.77 /LF	2,100,911
						NJC-002 Watermain Loop	6,220.00 LF	194,740	248,800	51,000	63,833		89.77 /LF	558,372	337.77 /LF	2,100,911
						33-35 Pipelines	6,220.00 LF	194,740	248,800	51,000	63,833		89.77 /LF	558,372	337.77 /LF	2,100,911
						40.0 Process Piping	6,220.00 LF	194,740	248,800	51,000	63,833		89.77 /LF	558,372	337.77 /LF	2,100,911
						06 8" Dia HDPE Arctic Insulated Watermain	6,220.00 LF	194,740	248,800	51,000	63,833		89.77 /LF	558,372	337.77 /LF	2,100,911
	08					Air Release Valve in Main Line										
		33.0				Piping										
			33-45			Pipeline Valves										

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Job Size
Duration

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage 10%

Estimator: N. Cavalleri
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
				NJC-018		Air Release Valve in Main Line										
					33-20-08-04	Valves, Air Valve Assembly										
						Air Valve Assembly	5.00 ea	610	11,000	-	-	-	2,321.98 /ea	11,610	8,818.18 /ea	44,091
						Miscellaneous Items Allowance	1.00 ls	-	-	1,500	-	-	1,500.00 /ls	1,500	5,597.06 /ls	5,597
						33-20-08-04 Valves, Air Valve Assembly	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,937.59 /EA	49,688
						NJC-018 Air Release Valve in Main Line	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,937.59 /EA	49,688
						33-45 Pipeline Valves	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,937.59 /EA	49,688
						33.0 Piping	6,220.00 LF	610	11,000	1,500			2.11 /LF	13,110	7.99 /LF	49,688
						08 Air Release Valve in Main Line	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,937.59 /EA	49,688
	09					Isolation Valve in Main Line										
		33.0				Piping										
			33-45			Pipeline Valves										
				NJC-020		Isolation Valve in Main Line										
					33-20-08-100	Valves, Isolation Valve										
						Isolation Valve Assembly	5.00 ea	610	9,000	-	-	-	1,921.98 /ea	9,610	7,297.64 /ea	36,488
						Miscellaneous Items Allowance	1.00 ls	-	-	1,500	-	-	1,500.00 /ls	1,500	5,597.05 /ls	5,597
						33-20-08-100 Valves, Isolation Valve	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,417.05 /EA	42,085
						NJC-020 Isolation Valve in Main Line	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,417.05 /EA	42,085
						33-45 Pipeline Valves	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,417.05 /EA	42,085
						33.0 Piping	6,220.00 LF	610	9,000	1,500			1.79 /LF	11,110	6.77 /LF	42,085
						09 Isolation Valve in Main Line	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,417.05 /EA	42,085
	10					Road Crossing										
		33.0				Piping										
			33-35			Pipelines										
				NJC-026		Road Crossing, Open Cut										
					40-10-07-08	Pipe, HDPE, 8"										
						Excavate Trench	170.00 cuyd	1,834	0	-	923	-	16.22 /cuyd	2,757	60.51 /cuyd	10,287
						Backfill Native	85.00 cuyd	234	0	-	34	-	3.15 /cuyd	268	11.76 /cuyd	999
						Pipe Bedding and Zone - Crushed Rock	95.00 cy	182	1,425	-	131	-	18.29 /cy	1,738	69.31 /cy	6,585
						Hauling, excavated or borrow material, loose cubic yards, 5 mile round trip, 1.1 loads/hour, 20 C.Y. dump trailer, highway haulers, excludes loading	85.00 lcy	213	-	-	336	-	6.47 /lcy	550	24.12 /lcy	2,051
						HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, insulated	200.00 lf	6,262	8,000	-	2,053	-	81.57 /lf	16,314	307.17 /lf	61,434
						Pipe Casing	200.00 lf	1,150	15,000	-	367	-	82.59 /lf	16,517	313.41 /lf	62,681
						Surface Restoration	1,200.00 sf	-	-	6,000	-	-	5.00 /sf	6,000	18.66 /sf	22,388
						40-10-07-08 Pipe, HDPE, 8"	200.00 LF	9,875	24,425	6,000	3,843		220.72 /LF	44,143	832.13 /LF	166,425
						NJC-026 Road Crossing, Open Cut	4.00 EA	9,875	24,425	6,000	3,843		11,035.85 /EA	44,143	41,608.29 /EA	166,425
						33-35 Pipelines	650.00 LF	9,875	24,425	6,000	3,843		67.91 /LF	44,143	256.04 /LF	166,425
			33-60			Trenchless Technology										
				NJC-024		Road Crossing, Bore and Jack										
					33-60-02-37	Pipeline Specials, Jack and Bore, 8" PVC in 24" Casing										
						Temp K Rail Rental, Delivery, Place, Remove and Return	48.00 ea		122,760	-	-	-	2,557.50 /ea	122,760	9,722.01 /ea	466,656
						Temporary Fencing, chain link, 6' high, 11 ga	480.00 lf	1,135	3,437	-	-	-	9.53 /lf	4,573	36.05 /lf	17,303
						Single Pipe, Pipe Skid	75.00 ea		19,181	-	-	-	255.75 /ea	19,181	972.20 /ea	72,915
						Closure Boot Seal	6.00 ea		7,366	-	-	-	1,227.80 /ea	7,366	4,666.56 /ea	27,999
						Shoring, cost per sfca trench wall, monthly rental	5,082.00 sf	-	33,999	-	-		6.69 /sf	33,999	25.43 /sf	129,241
						Concrete pressure grouting, cement and sand, 1:1 mix, maximum	1,260.00 cf	23,898	41,247	-	3,294	-	54.32 /cf	68,440	204.97 /cf	258,261
						Exc Jacking and Receiving Pits	690.00 cuyd	7,444		-	3,745	-	16.22 /cuyd	11,189	60.51 /cuyd	41,751
						Backfill Native	495.00 cuyd	1,364		-	196	-	3.15 /cuyd	1,560	11.76 /cuyd	5,819
						Pipe Zone - Crushed Rock	240.00 cy	480	3,600	-	331	-	18.29 /cy	4,391	69.31 /cy	16,635
						Hauling, excavated or borrow material, loose cubic yards, 5 mile round trip, 1.1 loads/hour, 20 C.Y. dump trailer, highway haulers, excludes loading	330.00 lcy	829	-	-	1,305	-	6.47 /lcy	2,133	24.12 /lcy	7,961
						Horizontal boring, roadwork, 1/2" thick wall, 24" diameter casing, includes casing only, 100' minimum, excludes jacking pits or dewatering	450.00 lf	71,027	58,400	-	26,808	-	349.41 /lf	157,234	1,313.02 /lf	590,858
						Horizontal boring, mobilization and demobilization, maximum	1.00 ea	-	-	50,000	-	0	50,000.00 /ea	50,000	186,568.60 /ea	186,569
						HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, insulated	450.00 lf	14,089	18,000	-	4,618	-	81.57 /lf	36,707	307.17 /lf	138,227
						33-60-02-37 Pipeline Specials, Jack and Bore, 8" PVC in 24" Casing	450.00 LF	120,245	308,990	50,000	40,297		1,154.52 /LF	519,532	4,355.99 /LF	1,960,196
						NJC-024 Road Crossing, Bore and Jack	450.00 LF	120,245	308,990	50,000	40,297		1,154.52 /LF	519,532	4,355.99 /LF	1,960,196
						33-60 Trenchless Technology	450.00 LF	120,245	308,990	50,000	40,297		1,154.52 /LF	519,532	4,355.99 /LF	1,960,196
						33.0 Piping	650.00 LF	130,120	333,415	56,000	44,140		867.19 /LF	563,675	3,271.73 /LF	2,126,622
						10 Road Crossing	7.00 EA	130,120	333,415	56,000	44,140		80,525.06 /EA	563,675	303,803.09 /EA	2,126,622
	11					Fire Hydrant										
		33.0				Piping										
			33-45			Pipeline Valves										
				NJC-016		Fire Hydrant										
					33-20-04-01	Valves, Fire Hydrants										
						Water Utility Distribution Fire Hydrants	13.00 ea	6,893	19,825	-	223	-	2,072.40 /ea	26,941	7,839.65 /ea	101,915
						Miscellaneous Items for Fire Hydrant Installation	13.00 ea	3,447	6,500	-	111	-	773.70 /ea	10,058	2,921.96 /ea	37,986
						33-20-04-01 Valves, Fire Hydrants	13.00 EA	10,340	26,325	334			2,846.10 /EA	36,999	10,761.61 /EA	139,901
						NJC-016 Fire Hydrant	13.00 EA	10,340	26,325	334			2,846.10 /EA	36,999	10,761.61 /EA	139,901
						33-45 Pipeline Valves	13.00 EA	10,340	26,325	334			2,846.10 /EA	36,999	10,761.61 /EA	139,901

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Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavallen
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
						33.0 Piping	6,220.00 LF	10,340	26,325		334		5.95 /LF	36,999	22.49 /LF	139,901
						11 Fire Hydrant	13.00 EA	10,340	26,325		334		2,846.10 /EA	36,999	10,761.61 /EA	139,901
	12					Pipe Supports										
		40.0				Process Piping										
			33-35			Pipelines										
				NJC-002		Watermain Loop										
					40-00-99-01	*Pipe, Other*										
						Pipe Supports	622.00 ea	134,085	93,300	-	42,848	-	434.46 /ea	270,233	1,631.63 /ea	1,014,871
						40-00-99-01 Pipe, Other	*622.00 EA*	*134,085*	*93,300*		*42,848*		*434.46 /EA*	*270,233*	*1,631.63 /EA*	*1,014,871*
						NJC-002 Watermain Loop	6,220.00 LF	134,085	93,300		42,848		43.45 /LF	270,233	163.16 /LF	1,014,871
						33-35 Pipelines	6,220.00 LF	134,085	93,300		42,848		43.45 /LF	270,233	163.16 /LF	1,014,871
						40.0 Process Piping	6,220.00 LF	134,085	93,300		42,848		43.45 /LF	270,233	163.16 /LF	1,014,871
						12 Pipe Supports	622.00 EA	134,085	93,300		42,848		434.46 /EA	270,233	1,631.63 /EA	1,014,871
	13					Instrall Water Services with Mainline and Building Connections										
		33.0				Piping										
			33-50			Pipeline Specials										
				NJC-022		Instrall Water Services with Mainline and Building Connections										
					33-30-06-01	*Pipe Specials, Tie-Ins*										
						Pipe Tie-In's and Building Connection	10.00 ea	14,638	50,000	-	1,200	-	6,583.82 /ea	65,838	24,916.67 /ea	249,167
						33-30-06-01 Pipe Specials, Tie-Ins	*10.00 EA*	*14,638*	*50,000*		*1,200*		*6,583.82 /EA*	*65,838*	*24,916.67 /EA*	*249,167*
						NJC-022 Instrall Water Services with Mainline and Building Connections	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	24,916.67 /EA	249,167
						33-50 Pipeline Specials	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	24,916.67 /EA	249,167
						33.0 Piping	6,220.00 LF	14,638	50,000		1,200		10.59 /LF	65,838	40.06 /LF	249,167
						13 Instrall Water Services with Mainline and Building Connections	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	24,916.67 /EA	249,167
	14					Circulation Pump										
		43.0				Process Equipment										
			43-05			Furnish and Install Process Equipment										
				NJC-028		Circulation Pump										
					44-05-60-10	*Circulation Pump*										
						Furnish and Install Circulation Pump, Allowance	2.00 ea	6,979	20,000	-	3,425	-	15,201.65 /ea	30,403	57,423.00 /ea	114,846
						44-05-60-10 Circulation Pump	*2.00 EA*	*6,979*	*20,000*		*3,425*		*15,201.65 /EA*	*30,403*	*57,423.00 /EA*	*114,846*
						NJC-028 Circulation Pump	2.00 EA	6,979	20,000		3,425		15,201.65 /EA	30,403	57,423.00 /EA	114,846
						43-05 Furnish and Install Process Equipment	1.00 LS	6,979	20,000		3,425		30,403.30 /LS	30,403	114,846.00 /LS	114,846
						43.0 Process Equipment	1.00 LS	6,979	20,000		3,425		30,403.30 /LS	30,403	114,846.00 /LS	114,846
						14 Circulation Pump	2.00 EA	6,979	20,000		3,425		15,201.65 /EA	30,403	57,423.00 /EA	114,846
	15					High Demand Pump										
		43.0				Process Equipment										
			43-05			Furnish and Install Process Equipment										
				NJC-030		High Demand Pump										
					44-05-60-15	*High Demand Pump*										
						Furnish and Install High Demand Pump, Allowance	1.00 ls	8,723	70,000	-	4,281	-	83,004.12 /ls	83,004	314,619.22 /ls	314,619
						44-05-60-15 High Demand Pump	*1.00 EA*	*8,723*	*70,000*		*4,281*		*83,004.12 /EA*	*83,004*	*314,619.22 /EA*	*314,619*
						NJC-030 High Demand Pump	1.00 EA	8,723	70,000		4,281		83,004.12 /EA	83,004	314,619.22 /EA	314,619
						43-05 Furnish and Install Process Equipment	1.00 LS	8,723	70,000		4,281		83,004.12 /LS	83,004	314,619.22 /LS	314,619
						43.0 Process Equipment	1.00 LS	8,723	70,000		4,281		83,004.12 /LS	83,004	314,619.22 /LS	314,619
						15 High Demand Pump	1.00 EA	8,723	70,000		4,281		83,004.12 /EA	83,004	314,619.22 /EA	314,619
						01 Phase 1	1.00 LS	500,844	861,840	110,000	160,061	630,000	2,262,745.75 /LS	2,262,746	6,782,710.01 /LS	6,782,710

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Phase 1 Totals

Construction Costs	Amount	Totals	Hours	Rate	% of Total
Labor	500,844		10,087.944 I		7.38%
Material	861,840				12.71%
Subcontract	110,000				1.62%
Equipment	160,061		3,700.021 I		2.36%
Subtotal Direct	**1,632,745**	**1,632,745**			24.07
Market Condition Adjustment	571,461			35.000 %	8.43%
Subtotal w/ Market Condition	**571,461**	**2,204,206**			8.43
General Conditions	330,631			15.000 %	4.87%
Subtotal w/ General Conditions	**330,631**	**2,534,837**			4.87
Material Sales Tax	60,329			7.000 %	0.89%
Subtotal w/ Sales Taxes	**60,329**	**2,595,166**			0.89
Contractor Overhead	389,275			15.000 %	5.74%
Contractor Profit	149,222			5.000 %	2.20%
Bldr's Risk & Gen Liab Ins -%	31,337			1.000 %	0.46%
Payment & Performance Bonds	36,714			1.160 %	0.54%
Subtotal w/ Markups	**606,548**	**3,201,714**			8.94
Contingency	1,280,686			40.000 %	18.88%
Subtotal w/ Contingency	**1,280,686**	**4,482,400**			18.88
Escalation on Estimate Total	313,768			7.000 %	4.63%
Subtotal w/ Escalation	**313,768**	**4,796,168**			4.63
Non-Markup Items	630,000				9.29%
Subtotal Non-Markup Items	**630,000**	**5,426,168**			9.29
Construction Total		**5,426,168**			
City Administration	162,785			3.000 %	2.40%
Design Costs	542,617			10.000 %	8.00%
Construction Support Services	651,140			12.000 %	9.60%
Capital Total	**1,356,542**	**6,782,710**			**20.00**

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CH2MHILL

Job Size
Duration

Phase 2 Summary Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavalleri
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total W/ Markups	Grand Total Unit Price
02		Phase 2										
	01	Mobilization & Demobilization	1.00 LS					348,000	348,000.00 /LS	348,000	348,000	348,000.00 /LS
	02	Traffic Control & Public Relations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000	20,000.00 /LS
	03	Construction Surveying	1.00 LS					17,500	17,500.00 /LS	17,500	17,500	17,500.00 /LS
	04	Preparation of SWPPP	1.00 LS					7,500	7,500.00 /LS	7,500	7,500	7,500.00 /LS
	05	Maintenance of Water Service	1.00 LS					75,000	75,000.00 /LS	75,000	75,000	75,000.00 /LS
	06	8" Dia HDPE Arctic Insulated Watermain	5,030.00 LF	157,482	201,200	41,000	51,620		89.72 /LF	451,303	1,692,909	336.56 /LF
	07	8" Dia HDPE Arctic Insulated Sewer Forcemain	4,000.00 LF	133,857	166,000	85,000	43,806		107.17 /LF	428,663	1,606,226	401.56 /LF
	08	Air Release Valve in Main Line	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	49,538	9,907.65 /EA
	09	Isolation Valve in Main Line	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	41,958	8,391.68 /EA
	10	Road Crossing	4.00 EA	9,875	24,425	6,000	3,843		11,035.85 /EA	44,143	165,921	41,480.26 /EA
	11	Fire Hydrant	9.00 EA	7,159	18,225		231		2,846.10 /EA	25,615	96,562	10,729.11 /EA
	12	Pipe Supports	503.00 EA	108,432	75,450		34,650		434.46 /EA	218,533	818,213	1,626.67 /EA
	13	Instrall Water Services with Mainline and Building Connections	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	248,415	24,841.49 /EA
		02 Phase 2	1.00 LS	432,664	555,300	135,000	135,351	468,000	1,726,314.51 /LS	1,726,315	5,187,742	5,187,741.94 /LS

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Phase 2 Totals

Construction Costs	Amount	Totals	Hours	Rate	% of Total
Labor	432,664		8,686.802 I		8.34%
Material	555,300				10.70%
Subcontract	135,000				2.60%
Equipment	135,351		3,245.205 I		2.61%
Subtotal Direct	1,258,315	1,258,315			24.26
Market Condition Adjustment	440,410			35.000 %	8.49%
Subtotal w/ Market Condition	440,410	1,698,725			8.49
General Conditions	254,809			15.000 %	4.91%
Subtotal w/ General Conditions	254,809	1,953,534			4.91
Material Sales Tax	38,871			7.000 %	0.75%
Subtotal w/ Sales Taxes	38,871	1,992,405			0.75
Contractor Overhead	298,861			15.000 %	5.76%
Contractor Profit	114,563			5.000 %	2.21%
Bider's Risk & Gen Liab Ins -%	24,058			1.000 %	0.46%
Payment & Performance Bonds	28,187			1.160 %	0.54%
Subtotal w/ Markups	465,669	2,458,074			8.98
Contingency	983,229			40.000 %	18.95%
Subtotal w/ Contingency	983,229	3,441,303			18.95
Escalation on Estimate Total	240,891			7.000 %	4.64%
Subtotal w/ Escalation	240,891	3,682,194			4.64
Non-Markup Items	468,000				9.02%
Subtotal Non-Markup Items	468,000	4,150,194			9.02
Construction Total		4,150,194			
City Administration	124,506			3.000 %	2.40%
Design Costs	415,019			10.000 %	8.00%
Construction Support Services	498,023			12.000 %	9.60%
Capital Total	1,037,548	5,187,742			20.00

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CH2MHILL

Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavallen
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
02						Phase 2										
	01					Mobilization & Demobilization										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-012		Mobilization & Demobilization										
					01-01-05-00	General Conditions, Other										
						Mobilization & Demobilization	1.00 ls	-	-	-	-	348,000	348,000.00 /ls	348,000	348,000.00 /ls	348,000
						01-01-05-00 General Conditions, Other	1.00 LS					348,000	348,000.00 /LS	348,000	348,000.00 /LS	348,000
						NJC-012 Mobilization & Demobilization	1.00 LS					348,000	348,000.00 /LS	348,000	348,000.00 /LS	348,000
						01-01 Construction Operations	1.00 LS					348,000	348,000.00 /LS	348,000	348,000.00 /LS	348,000
						01.0 General Conditions	1.00 LS					348,000	348,000.00 /LS	348,000	348,000.00 /LS	348,000
						01 Mobilization & Demobilization	1.00 LS					348,000	348,000.00 /LS	348,000	348,000.00 /LS	348,000
	02					Traffic Control & Public Relations										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-006		Traffic Control & Public Relations										
					01-01-05-00	General Conditions, Other										
						Traffic Control & Public Relations	1.00 ls	-	-	-	-	20,000	20,000.00 /ls	20,000	20,000.00 /ls	20,000
						01-01-05-00 General Conditions, Other	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						NJC-006 Traffic Control & Public Relations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						01-01 Construction Operations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						01.0 General Conditions	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
						02 Traffic Control & Public Relations	1.00 LS					20,000	20,000.00 /LS	20,000	20,000.00 /LS	20,000
	03					Construction Surveying										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-008		Construction Surveying										
					01-01-05-00	General Conditions, Other										
						Construction Surveying	1.00 ls	-	-	-	-	17,500	17,500.00 /ls	17,500	17,500.00 /ls	17,500
						01-01-05-00 General Conditions, Other	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						NJC-008 Construction Surveying	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						01-01 Construction Operations	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						01.0 General Conditions	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
						03 Construction Surveying	1.00 LS					17,500	17,500.00 /LS	17,500	17,500.00 /LS	17,500
	04					Preparation of SWPPP										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-010		Preparation of SWPPP										
					01-01-05-00	General Conditions, Other										
						Preparation of SWPPP	1.00 ls	-	-	-	-	7,500	7,500.00 /ls	7,500	7,500.00 /ls	7,500
						01-01-05-00 General Conditions, Other	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						NJC-010 Preparation of SWPPP	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						01-01 Construction Operations	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						01.0 General Conditions	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
						04 Preparation of SWPPP	1.00 LS					7,500	7,500.00 /LS	7,500	7,500.00 /LS	7,500
	05					Maintenance of Water Service										
		01.0				General Conditions										
			01-01			Construction Operations										
				NJC-014		Maintenance of Water Service										
					01-01-05-00	General Conditions, Other										
						Maintenance of Water Service	1.00 ls	-	-	-	-	75,000	75,000.00 /ls	75,000	75,000.00 /ls	75,000
						01-01-05-00 General Conditions, Other	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						NJC-014 Maintenance of Water Service	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						01-01 Construction Operations	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						01.0 General Conditions	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
						05 Maintenance of Water Service	1.00 LS					75,000	75,000.00 /LS	75,000	75,000.00 /LS	75,000
	06					8" Dia HDPE Arctic Insulated Watermain										
		40.0				Process Piping										
			33-35			Pipelines										
				NJC-002		Watermain Loop										
					40-10-07-08	Pipe, HDPE, 8"										
						HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, Insulated	5,030.00 lf	157,482	201,200	-	51,620	-	81.57 /lf	410,303	306.24 /lf	1,540,391
						Fittings Allowance	1.00 ls	-	-	41,000	-	-	41,000.00 /ls	41,000	152,518.08 /ls	152,518
						40-10-07-08 Pipe, HDPE, 8"	5,030.00 LF	157,482	201,200	41,000	51,620		89.72 /LF	451,303	336.56 /LF	1,692,909
						NJC-002 Watermain Loop	5,030.00 LF	157,482	201,200	41,000	51,620		89.72 /LF	451,303	336.56 /LF	1,692,909
						33-35 Pipelines	5,030.00 LF	157,482	201,200	41,000	51,620		89.72 /LF	451,303	336.56 /LF	1,692,909
						40.0 Process Piping	5,030.00 LF	157,482	201,200	41,000	51,620		89.72 /LF	451,303	336.56 /LF	1,692,909
						06 8" Dia HDPE Arctic Insulated Watermain	5,030.00 LF	157,482	201,200	41,000	51,620		89.72 /LF	451,303	336.56 /LF	1,692,909
	07					8" Dia HDPE Arctic Insulated Sewer Forcemain										
		40.0				Process Piping										
			33-35			Pipelines										

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CH2MHILL

Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavalleri
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
				NJC-004		Sewer Forcemain										
					40-10-07-08	Pipe, HDPE, 8"										
						HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, insulated	4,000.00 lf	125,235	160,000	-	41,050	-	61.57 /lf	328,285	306.24 /lf	1,224,963
						Fittings Allowance	1.00 ls	-	-	35,000	-	-	35,000.00 /ls	35,000	130,198.36 /ls	130,198
						Pipe Supports	40.00 ea	8,623	6,000	-	2,756	-	434.46 /ea	17,378	1,626.67 /ea	65,067
						40-10-07-08 Pipe, HDPE, 8"	4,000.00 LF	133,857	166,000	35,000	43,806		94.67 /LF	378,663	355.06 /LF	1,420,228
						NJC-004 Sewer Forcemain	4,000.00 LF	133,857	166,000	35,000	43,806		94.67 /LF	378,663	355.06 /LF	1,420,228
				NJC-005		Sewer Forcemain Lift Station										
					33-60-99-00	Pipeline Specials, Other										
						Sewer Lift Station Allowance	1.00 ls	-	-	50,000	-	-	50,000.00 /ls	50,000	185,997.64 /ls	185,998
						33-60-99-00 Pipeline Specials, Other	1.00 LS			50,000			50,000.00 /LS	50,000	185,997.64 /LS	185,998
						NJC-005 Sewer Forcemain Lift Station	1.00 EA			50,000			50,000.00 /EA	50,000	185,997.64 /EA	185,998
						33-35 Pipelines	4,000.00 LF	133,857	166,000	85,000	43,806		107.17 /LF	428,663	401.56 /LF	1,606,226
						40.0 Process Piping	4,000.00 LF	133,857	166,000	85,000	43,806		107.17 /LF	428,663	401.56 /LF	1,606,226
						07 8" Dia HDPE Arctic Insulated Sewer Forcemain	4,000.00 LF	133,857	166,000	85,000	43,806		107.17 /LF	428,663	401.56 /LF	1,606,226
	08					Air Release Valve in Main Line										
		33.0				Piping										
			33-45			Pipeline Valves										
				NJC-018		Air Release Valve in Main Line										
					33-20-08-04	Valves, Air Valve Assembly										
						Air Valve Assembly	5.00 ea	610	11,000	-	-	-	2,321.98 /ea	11,610	8,791.67 /ea	43,958
						Miscellaneous Items Allowance	1.00 ls	-	-	1,500	-	-	1,500.00 /ls	1,500	5,579.92 /ls	5,580
						33-20-08-04 Valves, Air Valve Assembly	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,907.65 /EA	49,538
						NJC-018 Air Release Valve in Main Line	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,907.65 /EA	49,538
						33-45 Pipeline Valves	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,907.65 /EA	49,538
						33.0 Piping	4,780.00 LF	610	11,000	1,500			2.74 /LF	13,110	10.36 /LF	49,538
						08 Air Release Valve in Main Line	5.00 EA	610	11,000	1,500			2,621.98 /EA	13,110	9,907.65 /EA	49,538
	09					Isolation Valve in Main Line										
		33.0				Piping										
			33-45			Pipeline Valves										
				NJC-020		Isolation Valve in Main Line										
					33-20-08-100	Valves, Isolation Valve										
						Isolation Valve Assembly	5.00 ea	610	9,000	-	-	-	1,921.98 /ea	9,610	7,275.70 /ea	36,378
						Miscellaneous Items Allowance	1.00 ls	-	-	1,500	-	-	1,500.00 /ls	1,500	5,579.94 /ls	5,580
						33-20-08-100 Valves, Isolation Valve	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,391.68 /EA	41,958
						NJC-020 Isolation Valve in Main Line	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,391.68 /EA	41,958
						33-45 Pipeline Valves	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,391.68 /EA	41,958
						33.0 Piping	4,780.00 LF	610	9,000	1,500			2.32 /LF	11,110	8.78 /LF	41,958
						09 Isolation Valve in Main Line	5.00 EA	610	9,000	1,500			2,221.98 /EA	11,110	8,391.68 /EA	41,958
	10					Road Crossing										
		33.0				Piping										
			33-35			Pipelines										
				NJC-026		Road Crossing, Open Cut										
					40-10-07-08	Pipe, HDPE, 8"										
						Excavate Trench	170.00 cuyd	1,834		-	923	-	16.22 /cuyd	2,757	60.32 /cuyd	10,255
						Backfill Native	85.00 cuyd	234		-	34	-	3.15 /cuyd	268	11.72 /cuyd	996
						Pipe Bedding and Zone - Crushed Rock	95.00 cy	182	1,425	-	131	-	18.29 /cy	1,738	69.10 /cy	6,565
						Hauling, excavated or borrow material, loose cubic yards, 5 mile round trip, 1.1 loads/hour, 20 C.Y. dump trailer, highway haulers, excludes loading	85.00 lcy	213	-	-	336	-	6.47 /lcy	550	24.05 /lcy	2,044
						HDPE, butt fusion joints, 40' lengths, 8" diameter, SDR 11, insulated	200.00 lf	6,262	8,000	-	2,053	-	81.57 /lf	16,314	306.24 /lf	61,248
						Pipe Casing	200.00 lf	1,150	15,000	-	367	-	82.59 /lf	16,517	312.46 /lf	62,493
						Surface Restoration	1,200.00 sf	-	-	6,000	-	-	5.00 /sf	6,000	18.60 /sf	22,320
						40-10-07-08 Pipe, HDPE, 8"	200.00 LF	9,875	24,425	6,000	3,843		220.72 /LF	44,143	829.61 /LF	165,921
						NJC-026 Road Crossing, Open Cut	4.00 EA	9,875	24,425	6,000	3,843		11,035.85 /EA	44,143	41,480.26 /EA	165,921
						33-35 Pipelines	200.00 LF	9,875	24,425	6,000	3,843		220.72 /LF	44,143	829.61 /LF	165,921
						33.0 Piping	200.00 LF	9,875	24,425	6,000	3,843		220.72 /LF	44,143	829.61 /LF	165,921
						10 Road Crossing	4.00 EA	9,875	24,425	6,000	3,843		11,035.85 /EA	44,143	41,480.26 /EA	165,921
	11					Fire Hydrant										
		33.0				Piping										
			33-45			Pipeline Valves										
				NJC-016		Fire Hydrant										
					33-20-04-01	Valves, Fire Hydrants										
						Water Utility Distribution Fire Hydrants	9.00 ea	4,772	13,725	-	154	-	2,072.40 /ea	18,652	7,815.98 /ea	70,344
						Miscellaneous Items for Fire Hydrant Installation	9.00 ea	2,386	4,500	-	77	-	773.70 /ea	6,963	2,913.13 /ea	26,218
						33-20-04-01 Valves, Fire Hydrants	9.00 EA	7,159	18,225		231		2,846.10 /EA	25,615	10,729.11 /EA	96,562
						NJC-016 Fire Hydrant	9.00 EA	7,159	18,225		231		2,846.10 /EA	25,615	10,729.11 /EA	96,562
						33-45 Pipeline Valves	9.00 EA	7,159	18,225		231		2,846.10 /EA	25,615	10,729.11 /EA	96,562
						33.0 Piping	4,780.00 LF	7,159	18,225		231		5.36 /LF	25,615	20.20 /LF	96,562
						11 Fire Hydrant	9.00 EA	7,159	18,225		231		2,846.10 /EA	25,615	10,729.11 /EA	96,562
	12					Pipe Supports										
		40.0				Process Piping										

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CH2MHILL

Job Size:
Duration:

Detail Report

Project: Bethel Watermain Loop
Project No.: 479325
Design Stage: 10%

Estimator: N. Cavalleri
Revision / Date: 3/May 1, 2014
Estimate Class: 4

Area	Bid Item	Work Pkg	Trade Pkg	WorkActiv	Unit Price	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Direct Cost/Unit	Direct Amount	Grand Total Unit Price	Grand Total W/ Markups
			33-35			Pipelines										
				NJC-002		Watermain Loop										
					40-00-99-01	*Pipe, Other*										
						Pipe Supports	503.00 ea	108,432	75,450	-	34,650	-	434.46 /ea	218,533	1,626.67 /ea	818,213
						40-00-99-01 Pipe, Other	*503.00 EA*	*108,432*	*75,450*		*34,650*		*434.46 /EA*	*218,533*	*1,626.67 /EA*	*818,213*
						NJC-002 Watermain Loop	5,030.00 LF	108,432	75,450		34,650		43.45 /LF	218,533	162.67 /LF	818,213
						33-35 Pipelines	5,030.00 LF	108,432	75,450		34,650		43.45 /LF	218,533	162.67 /LF	818,213
						40.0 Process Piping	5,030.00 LF	108,432	75,450		34,650		43.45 /LF	218,533	162.67 /LF	818,213
						12 Pipe Supports	503.00 EA	108,432	75,450		34,650		434.46 /EA	218,533	1,626.67 /EA	818,213
	13					Install Water Services with Mainline and Building Connections										
		33.0				Piping										
			33-50			Pipeline Specials										
				NJC-022		Install Water Services with Mainline and Building Connections										
					33-30-06-01	*Pipe Specials, Tie-Ins*										
						Pipe Tie-In's and Building Connection	10.00 ea	14,638	50,000	-	1,200	-	6,583.82 /ea	65,838	24,841.49 /ea	248,415
						33-30-06-01 Pipe Specials, Tie-Ins	*10.00 EA*	*14,638*	*50,000*		*1,200*		*6,583.82 /EA*	*65,838*	*24,841.49 /EA*	*248,415*
						NJC-022 Install Water Services with Mainline and Building Connections	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	24,841.49 /EA	248,415
						33-50 Pipeline Specials	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	24,841.49 /EA	248,415
						33.0 Piping	4,780.00 LF	14,638	50,000		1,200		13.77 /LF	65,838	51.97 /LF	248,415
						13 Install Water Services with Mainline and Building Connections	10.00 EA	14,638	50,000		1,200		6,583.82 /EA	65,838	24,841.49 /EA	248,415
						02 Phase 2	1.00 LS	432,664	555,300	135,000	135,351	468,000	1,726,314.51 /LS	1,726,315	5,187,741.94 /LS	5,187,742

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Phase 2 Totals

Construction Costs	Amount	Totals	Hours	Rate	% of Total
Labor	432,664		8,686.802 I		8.34%
Material	555,300				10.70%
Subcontract	135,000				2.60%
Equipment	135,351		3,245.205 I		2.61%
Subtotal Direct	**1,258,315**	**1,258,315**			24.26
Market Condition Adjustment	440,410			35.000 %	8.49%
Subtotal w/ Market Condition	**440,410**	**1,698,725**			8.49
General Conditions	254,809			15.000 %	4.91%
Subtotal w/ General Conditions	**254,809**	**1,953,534**			4.91
Material Sales Tax	38,871			7.000 %	0.75%
Subtotal w/ Sales Taxes	**38,871**	**1,992,405**			0.75
Contractor Overhead	298,861			15.000 %	5.76%
Contractor Profit	114,563			5.000 %	2.21%
Bider's Risk & Gen Liab Ins -%	24,058			1.000 %	0.46%
Payment & Performance Bonds	28,187			1.160 %	0.54%
Subtotal w/ Markups	**465,669**	**2,458,074**			8.98
Contingency	983,229			40.000 %	18.95%
Subtotal w/ Contingency	**983,229**	**3,441,303**			18.95
Escalation on Estimate Total	240,891			7.000 %	4.64%
Subtotal w/ Escalation	**240,891**	**3,682,194**			4.64
Non-Markup Items	468,000				9.02%
Subtotal Non-Markup Items	**468,000**	**4,150,194**			9.02
Construction Total		**4,150,194**			
City Administration	124,506			3.000 %	2.40%
Design Costs	415,019			10.000 %	8.00%
Construction Support Services	498,023			12.000 %	9.60%
Capital Total	**1,037,548**	**5,187,742**			**20.00**

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CITY OF BETHEL

CITY MANAGER NEGOTIATED AGREEMENT

This agreement entered into this ___ day of August, 2014, by and between the City of Bethel, Alaska, a municipal corporation, hereinafter referred to as "City" and _____, an individual, hereinafter referred to as "Employee or City Manager" wherein the parties agree and understand as follows:

WITNESSETH:

WHEREAS, City desires to employ the services of said Employee as City Manager of the City of Bethel, Alaska, as provided for by Alaska Statute Section 29.20.500; and

WHEREAS, it is the desire of the Bethel City Council ("Council") to provide certain benefits, establish certain conditions of employment, and set working conditions for Employee; and

WHEREAS, it is the desire of the Council to secure and retain the service of the Employee by and through the terms of this Agreement; and

WHEREAS, Employee desires to accept employment as City Manager pursuant to the terms of this Agreement.

NOW THEREFORE, in consideration of these recitals and the mutual covenants contained herein, City and Employee agree as follows:

Section 1 Powers and Duties

A. City hereby agrees to employ _____ as City Manager of the City to perform the functions, powers and duties specified in AS 29.20.500 and Bethel Municipal Code as well as performing other legally permissible and proper duties and functions as the Council shall from time to time assign.

B. Employee is the Chief Executive Officer of the City and shall faithfully perform the duties as prescribed in the job description and as set forth in the City's charter and ordinances and as may lawfully be assigned by the City and shall comply with all lawful governing body directives, state and federal law, City policies, rules and ordinances as they exist or may hereafter be amended.

C. Specifically, it shall be the duty of the City Manager to employee, on behalf of the City, all other employees of the municipality consistent with the policies of the council and the ordinances and charter of the City.

D. It shall also be the duty of the City Manager to direct, assign, reassign, and evaluate all of the employees of the City consistent with policies and procedures, ordinances, charter, state and federal law.

E. As the chief human resources officer, the City Manager is expected to familiarize themselves with the terms of the Collective Bargaining Agreement and ensure that it is followed and adhered to.

F. It shall also be the duty of the City Manager to organize, reorganize and arrange the staff of the City and to develop and establish internal regulations, rules and procedures which the Employee deems necessary for the efficient and effective operation of the City consistent with the lawful directives, policies, ordinances, state and federal law.

G. If shall also be the duty of the City Manager to accept all resignations of employees of the City consistent with policies, ordinances, state and federal law, except those Employee resignations which must be accepted by the governing body.

H. The Employee shall perform the duties of City Manager of the City of Bethel with reasonable care, diligence, skill and expertise.

I. The City Manager shall attend, and all be permitted to attend, all meetings of the City Council, both public and closed, with the exception of those closed meetings the Council elects to hold without the presence of the City Manager.

J. The City Council shall refer, in a timely manner, all substantive criticisms, complaints and suggestions called to their attention to the City Manager for study and/or appropriate action.

Section 2 Term

A. City Manager shall serve at the pleasure of the City Council and is an at-will employee of the City. Nothing in this Agreement shall prevent, limit or otherwise interfere with the right of the Council to terminate the services of the Employee at any time with or without cause, subject only to the provisions set forth in Section xxx of this Agreement. The City shall comply with the City's insurance policy endorsement regarding any termination.

B. Nothing in this Agreement shall prevent, limit or otherwise interfere with the right of the Employee to resign at any time from the position of City Manager, subject only to those provisions set forth in any Relocation Agreement and any applicable sections of this Agreement.

Section 3 Duration

This Agreement is the sole and complete Agreement between the City and Employee. This Agreement shall become effective when signed and executed and shall continue in full force and effect for a period of three (3) years.

Section 4 Salary and Benefits

A. City agrees to compensate Employee an annual base salary of xxxxx, payable in installments at the same time that the other management employees of the City are paid.

B. Employee is subject to all City personnel policies and procedures as laid out in the Bethel Municipal Code and in separate policies.

C. Employee shall be allowed to participate in the City employee's group coverage plan for full family Life, Accidental Death & Dismemberment, Long Term Disability, Dental, Vision and Health Insurance program equal to that which is provided to all other management employees.

D. Employee shall have the opportunity to participate in the City Utility Services Benefit for the same monthly fee as paid by regular City employees.

E. The Employee will be enrolled in the Alaska Public Employees Retirement System (PERS) at a rate equal to that which is provided for all other employees of the City.

F. Personal Time Off (PTO). PTO shall accrue at the rate of 20 hours per month of service. PTO can be accumulated up to a maximum accrual of three hundred fifty (350) hours. Employee shall use a minimum of One Hundred Twenty (120) hours per year. PTO should be requested two (2) weeks in advance. Unscheduled PTO shall be utilized only for the illness of the Employee or illness in the Employee's immediate family. Should the employee be absent for more than three (3) consecutive working days, the Employee shall be required to provide a physician's certificate to the Mayor. The City agrees to compensate the Employee for all remaining PTO hours at the time of termination provided Employee remains continuously employed with the City of Bethel for a minimum of twelve (12) months.

G. Jury Duty. As a regular, full-time employee, if summoned to jury duty, the City continues City Manager's salary during active periods of jury duty for up to a maximum of fifteen (15) working days per calendar year. Employee is permitted to retain the allowance received from the court for such service. Employee is also permitted paid time off if summoned to appear in court as a witness in their official capacity. If summoned to appear in a personal matter, Employee is permitted nonpaid time off to appear.

To qualify for jury or witness duty leave, City Manager must submit a copy of the summons or subpoena to the council as soon as practicable after receipt.

H. Holidays. All holidays recognized by the Employer shall be granted to the City Manager with holiday pay status provided the same as regular full-time positions of the City. However, it is understood that from time to time Employee's duties may require him/her to work on such holidays at no additional compensation.

I. Family Medical Leave. City Manager may become eligible for family medical leave pursuant to federal and state law. Upon eligibility, City Manager shall have all the rights

and protections of the Family Medical Leave Act as any other regular full-time employee of the City.

J. Worker's Compensation. Should the City Manager become injured on the job, he/she will be entitled to the compensation benefits as provided by Alaska's Worker's Compensation Act.

K. Administrative Leave. The Employee may be granted administrative leave with pay by a majority vote of the Council for reason's specified, including attendance at professional conferences.

Section 5 Hours and Days of Work

The City Manager position requires the exercise of independent judgment on the part of the Employee and requires periods of extended work to exceed the normal office hours, work day and work week established by the Employer. The Employee will be available during regular business hours. Employee will be expected to work whatever hours are needed based upon the demands of the job. Employee acknowledges he/she is an exempt employee and not entitled to overtime compensation or compensatory time off. Any time worked in excess of the normal hours in a day or week is not compensated or credited in any manner by the Employer.

Section 6 Performance Evaluation

A. Employee shall be evaluated, in writing, by the Council within six (6) months of commencing employment and then annually thereafter on or about the anniversary date of hire.
B. Evaluation of the performance of the City Manager shall be directed towards improving the performance of the City Manager. However, evaluations shall also serve as a method for gathering information relevant to employee's performance and continued employment.
C. The evaluation process shall include, at a minimum, the opportunity for both parties to:
    1. Conduct a formulary session where the city council and the city manager meet to discuss goals and objectives of the past 6 or 12 month performance period (whichever is applicable) as well as the upcoming 6-12 month performance period;
    2. Following that discussion, prepare a written evaluation of goals and objectives for the past and upcoming year;
    3. Next meet and discuss the written evaluation of these goals and objectives; and
    4. Present a written summary of the evaluation results to the city manager.
D. The final written evaluation should be completed and delivered to the City Manager within forty-five (45) days of the initial evaluation meeting.
E. Unless the city manager requests otherwise in writing, the evaluation shall at all times be conducted in executive session and shall be considered confidential to the extent permitted by law. Nothing herein shall prohibit the Employer or Employee from sharing the content of the evaluation with their respective legal counsel.

Section7 Additional Items

A. City Vehicle: The City will provide the City Manager with access to a City vehicle to be used as needed for official city business. City Manager must observe all vehicle and traffic regulations and city policies at all times, and operate the vehicle in a safe, courteous and responsible manner. This includes wearing a seat belt at all times and ensuring that passengers do so as well. The City reserves the right to review the motor vehicle records of the City Manager at any time.

The City Manager is responsible for maintaining a valid driver's license at all times, and is required to notify the City Council immediately in the event of an accident or any moving violation that results in points being assessed against such license or that his or her license has been suspended or revoked.

The City Manager must ensure that a current insurance card and vehicle registration is maintained in the vehicle at all times; that the vehicle is property maintained and serviced; that there is no smoking in the vehicle and that no pets or animals are transported in the vehicle.

B. Cell Phone: The City Manager will be provided a cell phone for use in the performance of his or her duties. While some personal calls may occur, the cell phone is issued for City purposes and any information gathered or stored on the cell phone is subject to public disclosure. The City Manager is responsible for any charges in excess of the basic monthly service fee.

C. Membership in Associations and Professional Organizations: The City will pay annual membership fees or dues in professional associations and organizations when membership, in the City's opinion, is related to the City Manager's job in order to assist City Manager in his or her personal job growth and development. Examples of such organizations include Alaska Municipal Management Association and the like.

The City Manager should discuss the appropriateness of, and necessity for membership in a particular organization with the city council prior to joining. Upon approval by the council, the City will pay for the membership fees and dues.

Section 8 Outside Employment

Although the City expects you to devote your primary efforts towards your duties and responsibilities with us, you may engage in outside employment with the prior approval of the council. Generally, outside employment will be approved if it:

- Does not conflict with your responsibilities at the City, including your ability to work overtime as required in your position;
- Does not interfere with your performance at the City;
- Does not prove detrimental to the interests of the City;
- Does not involve a conflict of interest or the appearance of a conflict of interest; and
- Does not involve the use of confidential or proprietary information of the City or its customers.

Before you may serve as a paid officer, director or advisor for any company (whether or not for profit), the City must determine that your accepting such a role is in the best interests of

the City. Such determinations will be made by the city council. Any issues you may be contemplating regarding outside employment should be resolved prior to your accepting such employment.

Section 9 Notices

Notices shall be either hand delivered or sent by mail to the following:

EMPLOYER – CITY OF BETHEL
Attn: Mayor
PO Box 1388
Bethel AK 99559

CITY MANAGER

Section 10 General Provisions

A. The text herein shall constitute the entire agreement between both parties.

B. Any modification or amendment shall be enforceable only if approved by a majority vote of the Council in a duly convened public session and if transcribed to a written document signed by both parties.

C. Employee shall not assign any interest in this Agreement, and shall not transfer any interest in the same without the prior written consent of City.

D. If any provision, or any portion thereof, contained in this Agreement is held unconstitutional, invalid or unenforceable, the remainder of this Agreement, or portion thereof, shall be deemed severable, shall not be affected and shall remain in full force and effect.

E. The failure of the City at any time to enforce a provision of this Agreement shall in no way constitute a waiver of the provisions, nor in any way affect the validity of this Agreement or any part thereof, or the right of the City thereafter to enforce each and every protection hereof.

F. This Agreement is being executed by the parties following negotiations between them. It shall be construed according to the fair intent of the language as a whole, not for or against any party. The titles of sections in this Agreement are not to be construed as limitations or definitions but are for identification purposes only.

G. If any section or clause of this Agreement is held invalid by a court of competent jurisdiction, or is otherwise invalid under law, the remainder of this Agreement shall remain in full force and effect.

H. The Council, in consultation with City Manager, shall fix any other such terms and conditions of employment as it may deem necessary from time to time relating to the

performance of City Manager provided such terms and conditions are not inconsistent with or in conflict with the provisions of this Agreement, the City Code or any other applicable law.

I. This Agreement shall be governed by the laws of the State of Alaska and the City of Bethel and any litigation brought shall be in Bethel, Alaska. Employee expressly waives any rights he might otherwise have as provided in Alaska Rules of Civil Procedure to remove any action from Bethel, Alaska.

Section 11 Bonding

The City shall bear full costs of any fidelity or other bonds required for the City Manager under any law or ordinance.

Section 12 Indemnification

Beyond that required under State, federal or local law, the City of Bethel shall defend, save harmless and indemnify City Manager against any obligation to pay money or perform, including without limitation, any and all losses, damages, judgments, interests, settlements, penalties, fines, court costs and other reasonable costs and expenses of legal proceedings including attorneys fees and any other liabilities arising from, related to, or connected with any tort, professional liability claim or demand or any other threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative, arbitrative or investigation, whether groundless or otherwise, arising out of an alleged act or omission occurring in the performance of City Manager's duties or resulting from the exercise of judgment or discretion in connection with the performance of program duties or responsibilities, unless the act or omission involved willful or wanton conduct. The City Manager may request and the City shall not unreasonably refuse to provide independent legal representation at Employer's expense and Employer may not unreasonably withhold approval. Legal representation, provided by Employer for Employee, shall extend until a final determination of the legal action, including any appeals brought by either party.

The City shall indemnify the City Manager against any and all losses, damages, judgments, interest, settlements, penalties, fines, court costs and other reasonable costs and expenses of legal proceedings including attorneys fees, and any other liabilities incurred by, imposed upon, or suffered by such Employee in connection with or resulting from any claim, action, suit or proceeding, actual or threatened, arising out of or in connection with the performance of his or her duties unless the act or omission involved willful or wanton conduct. Any settlement of any claim must be made with prior approval of the City in order for indemnification, as provided in this Section, to be available.

Employee recognizes that the City shall have the right to compromise and unless the Employee is a party to the suit which Employee shall have a veto authority over the settlement, settle any claim or suit; unless, said compromise or settlement is of a personal nature to Employee. Further, Employer agrees to pay all reasonable litigation expenses of employee throughout the pendency of any litigation to which the Employee is a party, witness or advisor to the Employer. Such expense payments shall continue beyond Employee's service to the Employer as long as litigation is pending. Further, Employer agrees to pay Employee reasonable consulting fees and travel expenses when Employee serves as witness, advisor or consultant to Employer regarding pending litigation.

Section 13 Termination

A. Termination for Cause: In the event the City Manager is terminated for cause, the City shall have no obligation to pay a severance pay. The Mayor shall include in a notification of termination of City Manager, a statement of cause.

For the purposes of this Agreement, termination occurs when the majority of the City Council votes to terminate the City Manager at a properly posted and duly authorized public meeting.

The City Manager may notify the council, in writing, that he or she requests an informal hearing before the Council. The informal hearing shall be held by the Council at its next regularly scheduled meeting following receipt of the request.

The informal hearing may be opened or closed at the City Manager's request. The Employee may be represented by counsel and may present and examine witnesses for the purpose of contesting termination. Such witnesses shall be sworn. The City Manager shall advise the council, in writing, if he or she plans to be represented by counsel at the hearing and shall provide the names of witnesses that will testify at the hearing on their behalf.

A recording of the proceeding shall be kept. Transcribed copies shall be furnished to the City Manager at cost upon his or her request. The decision of Council shall be furnished to the City Manager within a reasonable time upon conclusion of the informal hearing and shall include the basis for the decision.

B. Voluntary Resignation: In the event City Manager voluntarily resigns his or her position with the City before the duration of this Agreement has expired, the City Manager shall give the City forty-five (45) days advance written notice.

CITY MANAGER	CITY OF BETHEL
_____	_____
	Joseph Klejka, Mayor
_____	_____
Dated	Dated

City of Bethel
Employment Relocation Agreement

This Agreement (hereinafter referred to as "Agreement"), made this _____ day of _____, 2014 by and between the City of Bethel (hereinafter "City") and _____ _____, an employee or prospective employee of the City (hereinafter "Employee").

WITNESSETH:

Whereas Employee, whose employment date is effective on _____, is a suitable candidate for the position of City Manager, has entered into an employment agreement with the City; and whereas the City is willing to reimburse Employee for certain relocation expenses more fully described below in exchange for Employee's agreement to work full-time for the City in the above-referenced position for at least two (2) years.

Now therefore, the City and the Employee agree:

1. Effective _____, Employee agrees to work on a full-time basis at the City for at least two (2) years beginning _____ and ending _____.
2. The City and Employee are mutually desirous that Employee's residence be located from _____ to Bethel, Alaska in order that the residence is in the area of Employee's future employment.
3. City agrees to reimburse or pay on behalf of Employee certain expenses incurred as a result of the residence relocation in an amount not to exceed Five Thousand Five Hundred ($5500) Dollars. This amount includes payments made on behalf of the Employee by the City to third-party companies and providers.
4. In accordance with IRS guidelines, receipts must be submitted within forty-five (45) days of completion of the move to be considered qualified, nontaxable moving expenses. Expenses submitted for reimbursement after sixty (60) days will be considered taxable income. Expenses submitted after ninety (90) days will be denied.
5. Employee agrees that only those personal moving and relocation expenses incurred after the date of execution of this Agreement can be submitted for payment or reimbursement.

6. City will not reimburse Employee, nor make payments to third party movers on the behalf of employee, for moving expenses and relocation expenses already reimbursed or to be reimbursed by another entity.
7. Applicable federal laws require "nonqualified, taxable" reimbursements to relocated employees to be included in the employee's gross income and "qualified, non-taxable" relocation expenses to be excluded. Based on the passage of the 1993 Revenue Reconciliation Act, qualified, non-taxable moving expenses are defined as the reasonable costs of (1) moving household goods and personal effects from the former residence to the new residence (including common carrier and storage for up to thirty (30) days); and (2) traveling (including lodging during the period of travel) from the former residence to the new residence. Qualified moving expenses **do not** include any expenses for meals. All other reimbursements are considered nonqualified and are taxable to the employee. Any amounts which are considered nonqualified will be reimbursed net of tax withholdings and will be reported as income to the Internal Revenue Service.
8. City and Employee agree that said reimbursement is conditioned upon Employee remaining in the employ of the City for the aforementioned period; and that should Employee fail to remain in said employment for such period, Employee will repay to the City all money received and/or paid to a vendor plus related payroll taxes withheld for the moving and relocation expenses.
9. Should Employee terminate, either voluntarily or not, after serving less than one (1) full year of employment, Employee shall also be liable to reimburse City all costs expended by City for travel and training for Employee. Such travel and training costs to include, but not necessarily be limited to, airfare, tuition, registration fees, lodging, transportation and per diem.
10. Employee's failure to remain employed at the City for the applicable two (2) year period of time will constitute a material breach of the Agreement resulting in Employee's liability for repayment to the City of all of the relocation and moving expenses paid by the City whether as direct payments on behalf of Employee or reimbursements made to employee plus payroll taxes withheld by the City in connection with such expenses.
11. EMPLOYEE ACKNOWLEDGES AND AFFIRMS THIS AGREEMENT IS NOT A CONTRACT FOR EMPLOYMETN AND DOES NOT ALTER EMPLOYEE'S AT-

WILL EMPLOYMENT RELATIONSHIP WITH THE CITY. THIS MEANS EITHER THE EMPLOYEE OR THE EMPLOYER MAY TERMINATE THE EMPLOYMENT RELATIONSHIP AT ANY TIME WITH OR WITHOUT CAUSE.

12. City and Employee agree that in the event of a termination of employment for reasons not within the control of Employee which are deemed sufficient to the City, the City may waive the repayment provision of this Agreement. Said Waiver shall not be effective unless it is incorporated into a writing signed by the mayor and approved by the majority of the city council.
13. Employee hereby gives the City an express lien on all salaries, wages, and other sums payable to Employee by the City for the purposes of securing City for the payment of any amount which may become due from Employee under this Agreement. As to such lien, Employee waives any exemption to which Employee may otherwise be entitled to and authorizes the City to withhold such amount from any sums payable to Employee for salaries, wages, and expense reimbursement or otherwise.
14. In the event Employee fails to pay all amounts due the City within thirty (30) days of leaving employment, Employee acknowledges and agrees that the City may undertake collection efforts including, but not limited to, referral to a collection agency. Employee agrees to pay all collection costs, including attorneys' fees or other charges necessary for the collection of any amounts still due to the City hereunder.
15. *The City shall have no responsibility or legal liability for goods damaged as a result of the relocation. Employee must make any claim for damage to household goods directly to the moving company.*

IN WITNESS WHEREOF, the parties hereto have set their hands and seals on the date first above written.

_____	_____
Employee	Joseph Klejka, Mayor
Dated: _____	Dated: _____

City of Bethel Action Memorandum

Action memorandum No.	14-56		
Date action introduced:	08-12-2014	Introduced by:	Council Member Albertson
Date action taken:		☐ Approved	☐ Denied
Confirmed by:			

SUBJECT/ACTION: Direct Administration to begin discussions with the Bethel Sportsman Club, to consider amendments to the Land Lease Agreement entered into on September 26, 2012.

Route to:	Department/Individual:	Initials:	Remarks:
	City Manager		
	Finance		
	Planning		
	Public Works		

Attachment(s): Lease Agreement between City of Bethel and Bethel Sportsman Club

Amount of fiscal impact		Account information:
X	No fiscal impact	
	Funds are budgeted for.	
	Funds are not budgeted. Budget modification is required. Affected account number:	

In December of 2011, the Bethel City Council provided the disposal of property through a land lease disposal ordinance for the property known as the Bethel Shooting Range, legally described as:

Beginning at the South East Corner of Tract 42A-1 a set of 5/8" Re-bar and 2" AL-CAP stamped LCG is #12831-2011. Located North 65º23'40" East 839.27 feet from the North-West Corner Memorial Cemetery Subdivision Tract 42B and North 07º45'48" East 504.47 feet from the North-East Corner Tract 42B.

Thence North 89º58'19" West 925.00 feet to a 5/8" Re-bar and Cap set.

Thence North 00º01'41" East 400.00 feet to a 5/8" Re-bar and Cap set.

Thence South 89º58'19" East 534.00 feet to a 5/8" Re-bar and Cap set.

Thence North 16º01'36" West 936.53 feet to a 5/8" Re-bar and Cap set.

Thence South 89º58'19" East 650.00 feet to a 5/8" Re-bar and Cap set located South 00º01'43" East 100.00 feet from a 5/8" Re-bar and 2" AL-CAP Reference Monument set.

Action memorandum No.	14-56		
Date action introduced:	08-12-2014	Introduced by:	Council Member Albertson
Date action taken:		▒ Approved	▒ Denied
Confirmed by:			

Thence South 00º01'41" West 1300.00 feet to the Point of Beginning.
The area of Tract 42A-1 is 19.25 acres as shown on plat by John D. Hayden, LS #12831 entitled "Plat of BGC Rifle Range" a subdivision of a portion of Tract 42A, Plat 2003-12, creating Tract 42A-1 and Tract 42A-2. Located within Section 14, T8N, R72W, Seward Meridian, Bethel Recording District, Alaska.

Bethel Sportsman Club (BSC) provided their intent to the Council, to establish both a shooting range for riles and for shotguns in separate areas of their leased land. The rifle range is the only range currently in use.

It appears that the City's release of the area known as the shotgun range has provided many residents with concerns over the past few years. There are a number of trails in and around the area used for various long standing community activities as well as by residents for traditional gathering and recreation.

It appears that by relinquishing the land identified as the shotgun range to BSC, the City has eliminated or blocked off a popular multi-use area which has affected many residents of Bethel. The land designated as the shotgun range has not been developed for such purposes and is currently serving no public use. Understanding the need of a shooting range, the City Council believes the issues raised could easily be addressed by narrowing down the leased space to the rifle range and removing the shotgun range description from the leased premises.

By removing the shotgun range from the lease agreement and maintaining the rifle range, the BSC would still provide a great service to our community while not preventing the other, traditional and recreational activities from taking place in the area.

LEASE AGREEMENT

BETWEEN

CITY OF BETHEL, ALASKA

and

BETHEL SPORTSMAN CLUB

THIS LEASE AGREEMENT ("Lease") is entered into this 26 day of SEPTEMBER, 2012, between the City of Bethel (the "**CITY**"), a municipal corporation, organized in accordance with the laws of the State of Alaska, whose mailing address is PO Box 1388 and **BETHEL SPORTMAN CLUB**, a non-profit corporation under the laws of the State of Alaska, hereinafter referred to as ("**CLUB**"), whose mailing address is PO Box 3286, BETHEL Alaska.

WHEREAS, the City may enter into agreements and lease land pursuant to BMC 04.08.010, and

WHEREAS, the Club wishes to lease the Bethel Shooting Range ("shooting range") for the purposes of developing, operating and maintaining a public shooting range, and

WHEREAS, it is in the best interest of both the City and the Club that these properties continue to be used for the sole purpose of providing a public shooting range and, and

WHEREAS, this Lease will authorize the Club to lease the shooting range as described below for the continuous and sole use as a public shooting range; **and**

WHEREAS, the City Council determines that the lease of the Bethel Shooting Range area to the Bethel Sportsman Club is a disposal of an interest in real property to an entity providing a necessary public service through the operation of a shooting range available to the public to enhance shooting skills, firearm safety, subsistence hunting skills, best firearms practices and recreation for the citizens of Bethel and the public in general; and

WHEREAS, due to the necessary public purpose being provided by the Bethel Sportsman Club through the operation of the Bethel Shooting Range the City Council finds that it is in the best interest of the public and appropriate for the lease to be less than fair market value and entered into without competitive bidding.

NOW, THEREFORE, the City, in consideration of the rents, covenants, and agreements mentioned herein, reserved, and contained on the part of the Club to be paid, kept, and performed, does hereby authorize the Club to develop and maintain the following property subject to the terms and conditions contained and referred to herein for a shooting range complex and, to wit:

1. Premises. The City agrees to allow the Club non-exclusive use of that certain areas in the Townsite of Bethel, State of Alaska, Fourth Judicial District, Bethel Recording District commonly known as: the **Bethel Shooting Range**, more fully described in **Exhibit A**

("Premises"), together with such rights of ingress and egress which are reasonably necessary for Club's use of the Premises. The Premises are depicted generally in the drawing attached hereto as **Exhibit B**. This lease is subject to the terms and conditions in this Lease, and has been authorized per Ordinance 11-23.

2. Term. The term of this lease shall be from November 15, 2011, through and including June 30, 2041 unless terminated earlier in accordance with this Lease. This lease is revocable at the will of the City or Club upon not less than one hundred twenty (120) days advanced written notice to Club or City.

3. Use. It is understood and agreed that the premises described shall be utilized by Club solely for the purposes of continued development; construction; maintenance and operation of the shooting range complex and/or related recreational facilities.

4. Purpose, Jurisdiction and Authorities.

a. It is agreed and understood that the purpose of this Lease is to cause the continued development, construction, and maintenance of a public shooting range complex and for related public recreational purposes with the understanding that the public shall have equal and reasonable access to the shooting range without discrimination as to rates charged and without the requirement that the public become affiliated as a member or otherwise with the Club, its divisions, or any of its groups. The City shall have the sole authority to determine the Club's compliance with the terms, conditions, and intent of this Lease as expressed herein, and any determination made pursuant to the exercise of that authority shall be binding upon the parties hereto.

b. It is agreed and understood that this Lease and the City's obligations and liabilities hereunder are subject to all of the terms, conditions, and provisions of that certain United States Patent, No.. The terms of which are incorporated herein and made a part hereof by reference, along with any and all amendments or revisions thereto and any and all federal, state, or local governmental rules or regulations or provisions or requirements and reservations now in force and effect or hereafter effective, and the Club's execution of this Lease does hereby acknowledge that the Club shall be in full compliance therewith and that any and all rights and privileges of the Club created hereby are subordinate and subject thereto.

c. The Club does hereby acknowledge that this Lease is subject to the approval of the appropriate federal or state officials.

d. The Club agrees that in its use and occupancy of the premises, the Club will comply with all applicable laws, rules, regulations, and ordinances of every governmental body or agency whose authority expends to the premises or to any activities conducted upon the premises, whether or not said laws, rules, regulations, and ordinances are mentioned herein.

5. **Operation of the Public Range.** Prior to the execution of this Lease, the Club shall cause to be completed a master development plan including a site plan of the entire area outlining improvements to be contained therein. The Club shall furthermore promulgate rules and regulations in accordance with best practices discussed in Paragraph 6(b.) governing the establishment and/or management of said shooting range and related recreational facilities including but not limited to fees, charges, operating hours, safety requirements, restrictions, limitations or conditions concerning the use of such shooting range and related recreational facilities provided.

6. **Maintenance of Obligations.**

a. The Club, at its own cost and expense, shall keep the Premises and all Club's improvements which at any time during the term of this Lease may be situated thereon, clean and in good condition, and repair free of hazard or nuisance.

b. The Club shall operate and maintain the Premises in keeping with prudent shooting range injury prevention practices and consistent with "Best Management Practices of Outdoor Shooting Ranges" as published by NRA Outdoor Shooting Practices.

7. **Use of Premises.**

a. The Premises may be used by Club, only to conduct operations reasonably necessary and incidental to the construction, operation and maintenance of a public shooting range, and/or related recreational facilities and shall conduct such activity in furtherance of local needs of the community. Use of the Premises which is not reasonably necessary or incidental to a public shooting range and/or related recreational facilities is grounds for immediate termination of this Lease.

b. The Club shall coordinate its use of the Premises with the needs of the Bethel Police Department (BPD) for training qualification and certification of public safety officers in the handling and discharge of firearms. The City retains the right to temporarily close the Premises to the public during times it is being actually used by BPD for firearms

training and qualification. In an effort to avoid disruptions in regular operating hours, the Department shall give Club a minimum of 7 days' notice of closure for any single day closure during the weekday and **45** days' notice for any other closure. BPD retains the right to temporarily close the range for up to 4 hours, with no notice, in the event of extenuating circumstance as approved by the Chief of Police.

c. The Club will accord the BPD priority use of the facility in order to accommodate specific local law enforcement requirements.

d. The Club agrees that no costs, or fees, will be assessed to BPD, or any on-duty and/or uniformed Bethel Police Department officers, for using this facility.

8. Construction. All construction of range improvements shall be in conformity with all applicable City and state statutes, ordinances and regulations.

9. Facilities and Maintenance. It is understood and agreed that any and all facilities or improvements constructed upon said Premises by the Club shall be at the expense of the Club, and the Club shall, furthermore, provide at its own expense personnel required for the development, maintenance, and operation of said shooting range complex.

10. Fees, Budget and Financial Information.

a. All fees and charges derived by the Club from the operation of said shooting range complex and related recreational facilities, except registered match fees, shall be utilized for the maintenance and/or development of the shooting range complex and related recreational facilities and for public use and purposes and the City may, at its option, require that the Club furnish the City requested financial information or records concerning the receipt or retention or disbursement of those funds. The Club, furthermore, agrees to annually budget funds sufficient for the continuous development, maintenance, and operation of said shooting range complex and related recreational facilities.

11. Indemnification

a. The Club shall defend, indemnify and hold harmless and save the City, its elected officials, officers, employees, representatives and agents, from and against any and all claims, actions, suits, proceedings, claims, demands, losses, costs and expenses, or liability of any nature, kind or character, including legal costs owed by the City and for

errors and omissions committed by Club, it's officers, employees, independent Clubs and agents, which may arise out of Club's activities and operations as described in this Lease, unless such losses or damages are proven to be solely caused by the City's own negligence or that of its officers or employees.

b. The Club shall be responsible under this clause for any and all legal actions or claims of any character resulting from injuries, death, economic loss, damages, violation of statutes, ordinances, constitutions or other laws, rules or regulations, contractual claims, or any other kind of loss, tangible or sustained by any person, or property arising from Club's or Club's officers, agents, employees, partners, attorneys, suppliers, and subcontractor's performance or failure to perform this Lease in any way whatsoever. This defense and indemnification responsibility includes claims alleging acts or omissions by the City or its agents which are said to have contributed to the losses, failure, violations, or damage. However, Club shall not be responsible for any damages or claim arising from the sole negligence or willful misconduct of the City, its agents, or employees.

12. **Liability Insurance.** The Club shall purchase and maintain liability insurance to protect the City from claims which may arise out of or as a result from the Club's operations and activities under this agreement, on a commercial general liability form with limits no less than $1,000,000.00 combined single limit of liability per occurrence. Such policy shall be specifically endorsed to name the City of Bethel and its officials, and/or employees as additional insured as respects the Clubs activities and operations under this agreement.

13. **Mechanics Liens.** The Club agrees to keep the premises and structures and improvements thereon free and clear from any and all liens of laborers, mechanics, or materialmen and all liens of a similar character arising out of or growing out of the construction, repair, or alteration and maintenance of such improvements.

14. **Reservations.** The City excepts and reserves from this Lease all oils, gases, coals, ores, limestone, minerals, fossils, and fertilizers of every name and description that may be found in or upon the demised premises or any part thereof. The City further reserves the right to enter into any other land use agreements or leases, such as but not limited to utility rights-of-way.

15. Improvements to Subject Property.

a. The Club agrees at its own expense that it will keep and maintain the premises and all improvements placed thereon by the Club in good condition and repair.

b. The Club agrees that all improvements placed upon the premises shall thereupon become the property of, the City and that upon the expiration of the term of this Lease or any extension thereof or upon the termination or cancellation thereof, the Club will surrender to the City the premises together with all permanent structures, facilities, and improvements thereon erected by the Club. At the expiration and/or termination and/or cancellation of this Lease, the Club shall have the right to remove from the premises all items of personal property which are not permanently affixed to the real property within four hundred (400) days of being served notice of the expiration, termination and/or cancellation of this lease. The City shall not be liable or responsible for the payment of the cost or value of any structures, facilities, or improvements of whatsoever kind and nature placed upon the Premises and said improvements shall be deemed to be surrendered to and the ownership thereof vested in the City without right to or claim for reimbursement for the cost or value thereof in the Club or its successors of assigns.

c. **Club's Obligations.** The Club shall have the following obligations during the term of this Lease:

i. To construct and operate typical shooting range facilities on the Premises;

ii. To make all necessary repairs and replacements to the Premises and to any improvements constructed thereon; and

iii. All structures, fixtures and improvements, placed or attached on or about the Premises by the Club, shall at the City's option become the property of the city at the expiration of the Lease or any extended term, unless removed by the Club within **four hundred (400)** days after the expiration or termination of the Lease.

16. Assignment and Sublease. The Club shall not assign or sublet this Lease or any concession or right hereunder without first having obtained the prior written consent of the City. Any assignment, sublease or concession shall be subject to the terms and conditions requested by the City to protect the City's interest.

17. Default by Club.

a. In the event that the Club shall fail to correct any default or fail to be in full compliance with the conditions or provisions or requirements as set forth or referred to herein within sixty (60) days after notice thereof by the Club, then this Lease and any and all of Club's obligations hereunder shall become terminated at the option of Club without prejudice to the right of Club to recover from Club all damages and/or sums payable accrued up to and including the date of termination.

b. waiver by the Club of any default on behalf of the Club or any extension of time granted to Club to cure any default shall not constitute a waiver of the requirement that time is of the essence of this Lease.

18. Termination. In the event the Club shall cease to be a nonprofit corporation in good standing in the state of Alaska or ceases to be active in the management or development of the shooting range complex and related recreational facilities or ceases to maintain the public shooting range complex and related recreational facilities for public recreational purposes so as to provide equal or reasonable access thereto by the public and for the use of the public as contemplated herein and within the framework and requirements of this Lease, then the City shall be entitled to terminate this Lease and negotiate with any other public or private corporation or agency or political subdivision or person for the purpose of the maintenance and the operation of the shooting range facility and related recreational facilities, all without liability, or obligation, or damages, or reimbursement to the Club.

19. Utilities. It is agreed and understood that all utilities including but not limited to electric, gas, water, sewer, trash collection, telephone and television cable shall be in the name of and paid by the Club.

20. Invalidity of a Term. The parties agree that in the event any term, covenant or condition herein contained should be held to be invalid or void by a court of competent jurisdiction, the invalidity of any such term, covenant or condition shall in no way affect any other term, covenant or condition of this Lease.

21. Use of Headings. The use of headings are for convenience only and are not to be construed as part of this Lease.

22. Terms and Conditions Binding. The terms and conditions of this Lease shall extend to and be binding upon the heirs, executors, and administrators and assigns of the parties hereto.

23. Independent Contractor. The Club shall be an independent contractor in performing services or work under this Lease, and shall not be an employee or agent of the City.

24. **Notices.** Any and all notices required or permitted under this Lease, unless otherwise specified in writing by the party whose address is changed, shall be addresses as follows:

The City: City of Bethel
P.O. Box 1388
Bethel, AK 99559
Attn: City Manager

Club: Bethel Sportsman Club
P.O. Box 3286
Bethel, AK 99559

25. **Rights or Remedies.** No right or remedy herein conferred upon or reserved to the City is intended to be exclusive of any other right or remedy, and each and every right and remedy shall be cumulative and in addition to any other right or remedy given hereunder, or now or hereafter existing at law or in equity or by statue.

26. **Waiver and Forbearance.** Except to the extent that such party may otherwise agree in writing, no waiver by such party of any breach by the other party of any of its obligations, agreements or covenants hereunder shall be deemed to be a waiver of any subsequent breach of the same or any other covenant, agreement or obligation. Nor shall any forbearance by such party to seek a remedy for any breach of the other party be deemed a waiver by such party of its rights or remedies with respect to such breach.

27. **Assignments.** The Club shall not assign this Lease without prior written consent of the City. The Club's request to assign must be in writing and must show the name and address of the proposed assignee.

28. **Integration and Modification.** This document contains the entire agreement of the parties hereto. All negotiations, statements, representations, warranties, and assurances, whether oral or written, which are in any way related to the subject matter of this Lease or the performance of either party hereto are merged and integrated into the terms of this document. This Lease may not be modified or amended except by writing signed by both parties hereto, and any purported amendment or modification is without effect until reduced to a writing signed by both parties.

29. **Hazardous Substance.** The Club shall strictly comply with all applicable laws, ordinances or regulations respecting the handling, containment and cleanup of discharges or release of oil or hazardous substances, including petroleum fractions. In the event of a discharge or release of oil or a hazardous substance, including petroleum fractions, resulting from the Club's

activities on or about the Premises, the Club shall (1) promptly and completely clean up the discharge or release, in strict compliance with applicable laws, ordinances or regulations, and (2) defend, indemnify and save the City harmless from the consequences thereof, including the cost of state or federal remedial or compliance actions, whether informal or formal, all clean up and remediation cost needed to restore the site to its previous condition, and attorney's fees. For the purpose of this Lease, remediation of lead from this site shall be completed no later than 400 days after conclusion or termination of this Lease. As used in the Lease, "Hazardous Substance" includes oil or petroleum fractions; asbestos; polychlorinated biphenyls (PCBs); any substance under Title 46 of the Alaska Statutes or associated regulations or CERCLA, 42 U.S.C. 6901 et seq., or associated regulations; and any substance listed by the U.S. Department of Transportation or Environmental Protection Agency under 33 U.S.C. 1317, 49 C.F.R. 172.101 of 40 C.F.R. § 302.

30. **Not Agent of the City**. Club shall have no authority, expressed or implied, to act on behalf of the City in any capacity whatsoever as an agent, nor shall Club have any authority, expressed or implied, to bind the City to any obligation whatsoever.

31. **Audits and Inspections.** Club shall be subject to audits and inspections of financial records as outlined and authorized by the Bethel Municipal Codes.

32. **Jurisdiction; Choice of Law.** Any civil action arising from this Lease shall be brought in the superior court for the Fourth Judicial District of the State of Alaska at Bethel. The laws of the state of Alaska and the City of Bethel shall govern the rights and obligations of the parties.

33. **Relationship of the Parties.** The Club shall perform its obligations hereunder as an independent Contractor of the City. The City may administer this Lease and monitor the Club's compliance with this Lease but shall not supervise or otherwise direct the Club except to provide recommendations and to provide approvals pursuant to this Lease.

34. **Understanding**. The Club acknowledges that the Club has read and understands the terms of this Lease, has had the opportunity to review the same with counsel of their choice, and is executing this Lease of their own free will.

35. **Subject to appropriation.** Contract is subject to appropriation of funds by the federal, state and local entity responsible for funding the "Project."

36. Authority. By signing this Lease, the undersigned represent that they are authorized to execute this Lease and bind the parties hereto, and that they have not assigned any claim covered by this release.

DATED this 26TH day of September, 2012.

CITY OF BETHEL

BY: Lee M. Foley
LEE FOLEY
ITS: CITY MANAGER

DATED this 26 day of SEPTEMBER, 2012.

BETHEL SPORTSMAN CLUB

BY: Michael R Burley
MICHAEL BURLEY
ITS: PRESIDENT

EXHIBIT A

Beginning at the South East Corner of Tract 42A-1 a set of 5/8" Re-bar and 2" AL-CAP stamped LCG is #12831-2011. Located North 65°23'40" East 839.27 feet from the North-West Corner Memorial Cemetery Subdivision Tract 42B and North 07°45'48" East 504.47 feet from the North-East Corner Tract 42B.

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Thence North 16°01'36" West 936.53 feet to a 5/8" Re-bar and Cap set.

Thence South 89°58'19" East 650.00 feet to a 5/8" Re-bar and Cap set located South 00°01'43" East 100.00 feet from a 5/8" Re-bar and 2" AL-CAP Reference Monument set.

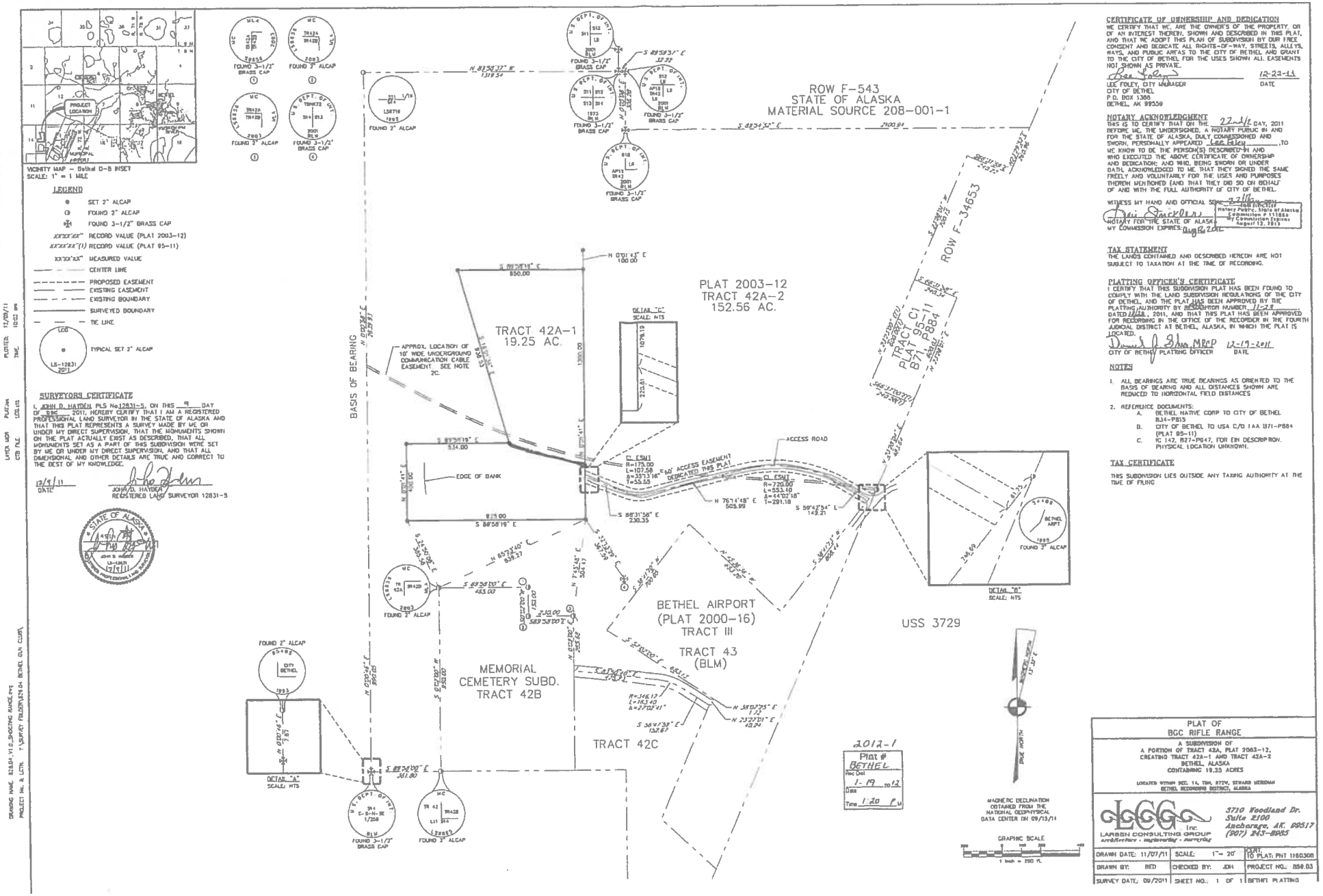
Thence South 00°01'41" West 1300.00 feet to the Point of Beginning.

The area of Tract 42A-1 is 19.25 acres as shown on plat by John D. Hayden, LS #12831 entitled "Plat of BGC Rifle Range" a subdivision of a portion of Tract 42A, Plat 2003-12, creating Tract 42A-1 and Tract 42A-2. Located within Section 14, T8N, R72W, Seward Meridian, Bethel Recording District, Alaska.

Access to Parcel 42A-1 is a 60' wide Easement as shown on the above described subdivision plat.

EXHIBIT B

Drawing to be attached



VICINITY MAP – Bethel Q-8 INSET
SCALE: 1" = 1 MILE

LEGEND

- SET 2" ALCAP
- FOUND 2" ALCAP
- FOUND 3-1/2" BRASS CAP
- XX'XX'XX" RECORD VALUE (PLAT 2003-12)
- XX'XX'XX"(1) RECORD VALUE (PLAT 95-11)
- XX'XX'XX" MEASURED VALUE
- CENTER LINE
- PROPOSED EASEMENT
- EXISTING EASEMENT
- EXISTING BOUNDARY
- SURVEYED BOUNDARY
- TIE LINE
- TYPICAL SET 2" ALCAP

SURVEYORS CERTIFICATE

I, JOHN D. HAYDEN PLS No.12831-S, ON THIS 9 DAY OF DEC 2011, HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL LAND SURVEYOR IN THE STATE OF ALASKA AND THAT THIS PLAT REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION, THAT THE MONUMENTS SHOWN ON THE PLAT ACTUALLY EXIST AS DESCRIBED, THAT ALL MONUMENTS SET AS A PART OF THIS SUBDIVISION WERE SET BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT ALL DIMENSIONAL AND OTHER DETAILS ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

12/9/11
DATE

JOHN D. HAYDEN
REGISTERED LAND SURVEYOR 12831-S

STATE OF ALASKA
JOHN D. HAYDEN
LS-12831
12/9/11
REGISTERED PROFESSIONAL LAND SURVEYOR

CERTIFICATE OF OWNERSHIP AND DEDICATION

WE CERTIFY THAT WE, ARE THE OWNER'S OF THE PROPERTY, OR OF AN INTEREST THEREIN, SHOWN AND DESCRIBED IN THIS PLAT, AND THAT WE ADOPT THIS PLAN OF SUBDIVISION BY OUR FREE CONSENT AND DEDICATE ALL RIGHTS-OF-WAY, STREETS, ALLEYS, WAYS, AND PUBLIC AREAS TO THE CITY OF BETHEL AND GRANT TO THE CITY OF BETHEL FOR THE USES SHOWN ALL EASEMENTS NOT SHOWN AS PRIVATE.

LEE FOLEY, CITY MANAGER
CITY OF BETHEL
P.O. BOX 1388
BETHEL, AK 99559

12-22-11
DATE

NOTARY ACKNOWLEDGMENT

THIS IS TO CERTIFY THAT ON THE 22nd DAY, 2011 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR THE STATE OF ALASKA, DULY COMMISSIONED AND SWORN, PERSONALLY APPEARED LEE FOLEY, TO ME KNOW TO BE THE PERSON(S) DESCRIBED IN AND WHO EXECUTED THE ABOVE CERTIFICATE OF OWNERSHIP AND DEDICATION; AND WHO, BEING SWORN OR UNDER OATH, ACKNOWLEDGED TO ME THAT THEY SIGNED THE SAME FREELY AND VOLUNTARILY FOR THE USES AND PURPOSES THEREIN MENTIONED (AND THAT THEY DID SO ON BEHALF OF AND WITH THE FULL AUTHORITY OF CITY OF BETHEL.

WITNESS MY HAND AND OFFICIAL SEAL 22nd DAY, 2011

Lois Stackhouse
NOTARY FOR THE STATE OF ALASKA
MY COMMISSION EXPIRES: Aug 12, 2012

Lois Stackhouse
Notary Public, State of Alaska
Commission # 111884
My Commission Expires
August 12, 2012

TAX STATEMENT

THE LANDS CONTAINED AND DESCRIBED HEREON ARE NOT SUBJECT TO TAXATION AT THE TIME OF RECORDING.

PLATTING OFFICER'S CERTIFICATE

I CERTIFY THAT THIS SUBDIVISION PLAT HAS BEEN FOUND TO COMPLY WITH THE LAND SUBDIVISION REGULATIONS OF THE CITY OF BETHEL, AND THE PLAT HAS BEEN APPROVED BY THE PLATTING AUTHORITY BY RESOLUTION NUMBER 11-22 DATED 12/13, 2011, AND THAT THIS PLAT HAS BEEN APPROVED FOR RECORDING IN THE OFFICE OF THE RECORDER IN THE FOURTH JUDICIAL DISTRICT AT BETHEL, ALASKA, IN WHICH THE PLAT IS LOCATED.

Dennis J. Gilva MRCP
CITY OF BETHEL PLATTING OFFICER

12-19-2011
DATE

NOTES

1. ALL BEARINGS ARE TRUE BEARINGS AS ORIENTED TO THE BASIS OF BEARING AND ALL DISTANCES SHOWN ARE REDUCED TO HORIZONTAL FIELD DISTANCES
2. REFERENCE DOCUMENTS:
   - A. BETHEL NATIVE CORP TO CITY OF BETHEL B34-P815
   - B. CITY OF BETHEL TO USA C/O FAA 871-P884 (PLAT 95-11)
   - C. RC 142, 827-P947, FOR EIN DESCRIPTION. PHYSICAL LOCATION UNKNOWN.

TAX CERTIFICATE

THIS SUBDIVISION LIES OUTSIDE ANY TAXING AUTHORITY AT THE TIME OF FILING

PLAT OF BGC RIFLE RANGE

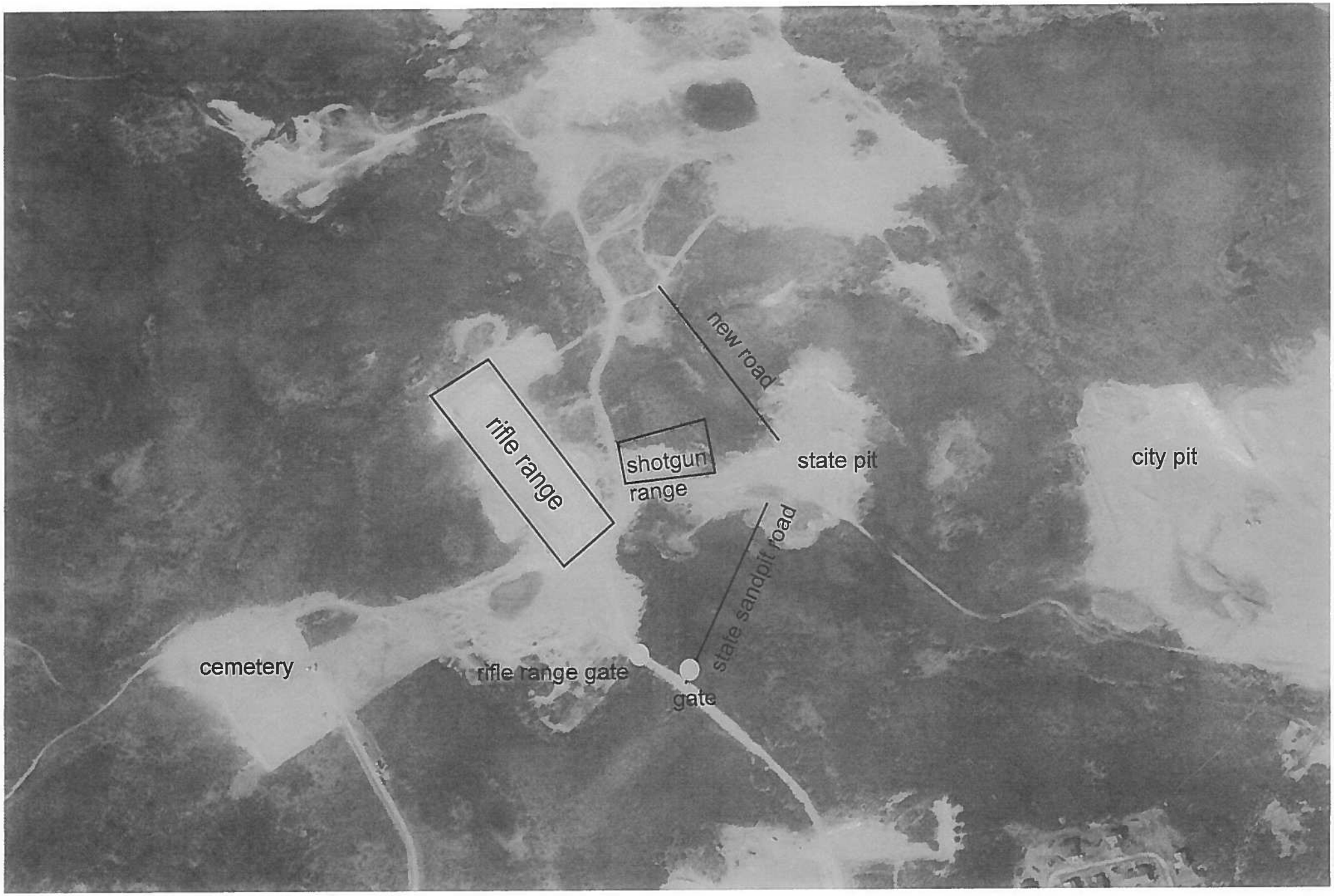
A SUBDIVISION OF
A PORTION OF TRACT 42A, PLAT 2003-12,
CREATING TRACT 42A-1 AND TRACT 42A-2
BETHEL, ALASKA
CONTAINING 19.25 ACRES

LOCATED WITHIN SEC. 14, T8N, R77W, SEWARD MERIDIAN
BETHEL RECORDING DISTRICT, ALASKA

LAUBEN CONSULTING GROUP Inc.
architecture · engineering · surveying
3710 Woodland Dr.
Suite 2100
Anchorage, AK. 99517
(907) 243-8005

DRAWN DATE: 11/07/11	SCALE: 1"= 20'		CURT. TO PLAT: PNT 1160308
DRAWN BY: RED	CHECKED BY: JDH		PROJECT NO.: 259.03
SURVEY DATE: 09/2011	SHEET NO.: 1 OF 1		BETHEL PLATTING

DRAWING NAME: 8289-V10_SHOOTING RANGE.dwg
PROJECT NO. & LOTN: Y:\SURVEY FOLDER\259.03 BETHEL GOLF CLUB\
PLOTTED: 12/09/11 TIME: 10:02 AM
LAYER NOM PLATLINE
CTB FILE LOG.ctb
2003"x/RANGES USED FOR THIS DWG.


new road
rifle range
shotgun
range
state pit
city pit
state sandpit road
cemetery
rifle range gate
gate

Mayor's Report

THE STATE of ALASKA
GOVERNOR SEAN PARNELL

Department of Environmental Conservation

DIVISION OF ENVIRONMENTAL HEALTH
Solid Waste Program

555 Cordova Street
Anchorage, Alaska 99501
Main: 907.269.7802
Fax: 907.269.7600

July 17, 2014

RE: WEAR Project – 2013 End-of-Year Report

Dear Community:

The Waste Erosion Assessment and Review (WEAR) is a 4-year project by the Department of Environmental Conservation's Solid Waste Program and Contaminated Sites Program to inventory landfills, contaminated sites, tank farms, and other sites of environmental concern that have the potential to erode. You are receiving this End-of-Year Report because your community was inspected in 2013 by one of our 8 inspectors:

Doug Huntman	Sandi Woods	Jamie Gorman
Kit Persson	Kym Bronson	Jacob Timmons
Trisha Bower	Rebecca Colvin	

A list of inspected communities and the WEAR sites inspected in 2013 are sorted by region in the list below. Attached is also a preliminary report with a brief summary of your community's WEAR sites. You can view other community reports and get updated information on the project at http://dec.alaska.gov/eh/sw/.

In addition, the Solid Waste Program will continue to work with individual communities, using information collected during the WEAR inspections, to improve landfill management, regardless of erosion risk.

The inventoried sites for your community will be ranked according to their potential to erode and the possible impacts to human health and the environment. As part of the project's final report, action plans will be created for sites determined to pose the greatest risk to the environment. Action plans will include site-specific recommendations possibly including: ideas for improving the management or design of the landfill, erosion control measures, cleaning up a contaminated site, or if necessary relocating a landfill. The final report and ranking of sites is due to be completed at the end of the project in 2015.

If you are aware of any status changes for the sites or misinformation, please notify us at dec.ciap@alaska.gov so we have the most accurate information. Some examples of a status change are a building or tank was removed, polluted soil was cleaned up, or a site has eroded.

Thank you for your participation in this important project.

Sincerely,

Rebecca Colvin
Program Coordinator

Community Summaries by Region (Census Area):

Aleutian Islands:

Cold Bay (population 85) is located in the Izembek National Wildlife Refuge, 180 miles northeast of Unalaska. We inspected 1 WEAR site: Landfill (active).

False Pass (population 40) is located on the eastern shore of Unimak Island on a strait connecting the Pacific Gulf of Alaska to the Bering Sea. It is 646 air miles southwest of Anchorage. We inspected 6 WEAR sites: Landfill (active), City Tank Farm (active), Septage Disposal Cell (closed), Isanotski Drive Landfill (closed), 55-Gallon Drums (abandoned), and Former Peter Pan Seafoods Tank Farm and Drums (inactive).

Nelson Lagoon (population 520) is located on the northern coast of the Alaska Peninsula, on a narrow sand spit that separates the lagoon from the Bering Sea. It is 580 miles southwest of Anchorage. We inspected 2 WEAR sites: Landfill (active) and Tank Farm (active).

Unalaska (population 4,376) is located on Unalaska Island and overlooks Illiuliuk Bay and Dutch Harbor. It is 800 air miles from Anchorage. The community is also known as Dutch Harbor. We inspected 7 WEAR sites: Landfill (active), PCB Storage (active), Rocky Point WWII Sites (active), North Fort Mears Landfill (active), South Fort Mears Landfill (active), Strawberry Hill Landfill (active), and Delta Western/Rocky Point Lower Tank (active).

Bethel:

Akiachak (population 663) is located on the west bank of the Kuskokwim River on the Yukon-Kuskokwim Delta, 18 miles northeast of Bethel. We inspected 5 WEAR sites: Landfill (active), Tank Farm (active), Old Elementary School Tank Farm (abandoned), Water Plant Old Tank Farm (abandoned), and Old Power Plant Tank Farm (abandoned).

Akiak (population 361) is located on the west bank of the Kuskokwim River, 42 air miles northeast of Bethel. We inspected 6 WEAR sites: Landfill (active), AKARNG FSA (active), Elementary School Former Tank Farm (active), High School Former Tank Farm (active), Kokarmiut Corporation Tank Farm (eroded), and Old City Tank Farm and Power Plant (active).

Aniak (population 541) is located on the south bank of the Kuskokwim River at the head of Aniak Slough, 59 miles southeast of Russian Mission in the Yukon-Kuskokwim Delta. It lies 92 air miles northeast of Bethel and 317 miles west of Anchorage. We inspected 6 WEAR sites in 2012 and 3 additional sites in 2013: Landfill (active), North Landfill (closed), Runway Landfill (eroded), Tank Farm (active), Transformer Lot (abandoned), Boneyard (active), ADOT&PF Runway Apron (active), Aniak Light & Power Tank Farm (active), and Former White Alice Site Communications Site (active).

Atmautluak (population 302) is located on the west bank of the Pitmiktakik River in the Yukon-Kuskokwim Delta, 20 miles northwest of Bethel. We inspected 3 WEAR sites: Landfill (active), Tank Farm (active), and School Sewage Lagoon (inactive).

Bethel (population 6,278) is located at the mouth of the Kuskokwim River, 40 miles inland from the Bering Sea, within the Yukon Delta National Wildlife Refuge. We inspected 3 WEAR sites: Landfill (active), Fuel Sales (active), and Tank Farm (active).

Eek (population 308) is located on the south bank of the Eek River, 12 miles east of the Kuskokwim River, and 35 air miles south of Bethel. We inspected 5 WEAR sites: Landfill (active), AVEC Tank Farm (active), Eek Corporation Tank Farm (active), School Tanks (active), and Washeteria Tanks (active).

Goodnews Bay (population 268) is located on the north shore of Goodnews Bay at the mouth of Goodnews River. It is 116 air miles south of Bethel. We inspected 5 WEAR sites: Landfill (active), Corporation Tank Farm (active), Store Tanks (abandoned), AVEC Tanks (active), and School Tanks (active).

Kongiganak (population 456) is located on the west shore of Kuskokwim Bay, west of the mouth of the Kuskokwim River. It is 70 miles southwest of Bethel. We inspected 3 WEAR sites: Landfill (active), Tank Farm (active), and Qemirtalek Coast Corp Tank Farm (active).

Mekoryuk (population 201) is located on the north shore of Nunivak Island, 30 miles off the coast, in the Bering Sea. It is 149 air miles west of Bethel in the Yukon Delta National Wildlife Refuge. We inspected 8 WEAR sites: Landfill (active), Former Sewage Lagoon (closed), NIMA Old Lagoon Tanks (abandoned), Consolidated Tank Farm (active), City Tank Farm (abandoned), IRA Tanks (abandoned), NIMA Store Tanks (abandoned), and NIMA Tanks (abandoned).

Napakiak (population 354) is located on an island between the Kuskokwim River and Johnson's Slough, 407 miles west of Anchorage. We inspected 4 WEAR sites: School Tank Farm (active), Landfill (active), Corporation Tank Farm (active), and AKARNG Armory (active).

Newtok (population 400) is located on the Ninglick River north of Nelson Island in the Yukon-Kuskokwim Delta Region, 94 miles northwest of Bethel. We inspected 9 WEAR sites: Landfill (active), Backhaul Staging Area (active), Corporation Fuel Tanks (active), LKSD Tanks (active), Old BIA School (active), TC/IGAP Tank (abandoned), Toms Store Tanks (active), UPC Generator Building (active), and UTC Tanks (active).

Nightmute (population 281) is located on Nelson Island 18 miles upriver from Tooksook Bay and 100 miles west of Bethel. We inspected 8 WEAR sites: AKARNG Armory (closed), Catholic Church (closed), Landfill (active), Community Tank Farm (active), School Tanks (active), City Tank Farm (active), AVEC Tanks (abandoned), and AVEC Tank Farm (abandoned).

Quinhagak (population 690) is located on the Kanektok River less than a mile from the Bering Sea coast, 71 miles southwest of Bethel. We inspected 7 WEAR sites: Landfill (active), AVEC Tank Farm (active), Barge Propane Tank (active), Corporation Tank Farm (active), BIA Tank Farm (abandoned), NVK/City Tank Farm (active), and West Docking Area Tanks (abandoned).

Bristol Bay:

Naknek (population550) is located on the north bank of the Naknek River at the northeastern end of Bristol Bay, 297 miles southwest of Anchorage. We inspected 3 WEAR sites: Bristol Bay Borough Landfill (active), Delta Western Tank Farm (active), and Naknek Energy Association Tank Farm (active).

Dillingham:

Dillingham (population 2,406) is located at the extreme northern end of Nushagak Bay at the confluence of the Wood and Nushagak Rivers. It is 327 miles southwest of Anchorage. We inspected 6 WEAR sites: Landfill (active), ADOT&PF (closed), Delta Western Tank Farm (active), Icicle Seafoods Wood River Facility (active), Former Snopac Seafood Processing Facility (active), and IHS Hospital Sites (active).

Lake and Peninsula:

Igiugig (population 44) is located on the Alaska Peninsula on the south shore of the Kvichak River, 48 miles southwest of Iliamna. We inspected 4 WEAR sites: Landfill (active), Tank Farm (active), Community Landfill (retired), and School Tanks (active).

Iliamna (population 111) is located on the northwest side of Iliamna Lake, 225 miles southwest of Anchorage. It is near the Lake Clark Park and Preserve. We inspected 8 WEAR sites: Landfill (active), Airport Crowley Tank Farm (active), FAA Living Quarters Landfarm (active), Trading Store Tanks (active), Former US Post Office (active), Propane Storage Tank (active), Abandoned Fuel Tanks (abandoned), and AFB Drum Cache 2 (removed).

Kokhanok (population 174) is located on the south shore of Iliamna Lake, 22 miles south of Iliamna. We inspected 5 WEAR sites: Landfill (active), Tank Farm (active), Old Tank Farm (abandoned), Slop Bucket Lake Dump (abandoned), and West Landfill (retired).

Newhalen (population 178) is located on the north shore of Iliamna Lake at the mouth of the Newhalen River, 5 miles south of Iliamna. We inspected 3 WEAR sites: Landfill (active), Crowley Contaminated Soil (active), and Newhalen Tank Farm (active).

Nondalton (population 165) is located on the west shore of Six Mile Lake between Lake Clark and Iliamna Lake, 190 miles southwest of Anchorage. We inspected 7 WEAR sites: Landfill (active), Old Dump Road Landfill (retired), School Fuel Tanks (active), Drum Cache (abandoned), School Former Fuel Tanks (abandoned), Newhalen Lodge Fuel Tanks (active), and Airport Tanks (abandoned).

Pedro Bay (population 42) is located on the Alaska Peninsula at the east end of Iliamna Lake, 176 air miles southwest of Anchorage. We inspected 4 WEAR sites: Landfill (active), Former Dena'ina School (closed), Tank Farm (active), and Generator Building (active).

Port Alsworth (population 159) is located on the east shore of Lake Clark, 22 miles northeast of Nondalton. It is in the Lake Clark National Park and Preserve. We inspected 2 WEAR sites: Samaritan Lodge Fuel Tanks (active) and NPS Visitor Center Fuel Tanks (active).

Nome:

Brevig Mission (population 445) is located at the mouth of Shelman Creek on Port Clarence, 65 miles northwest of Nome. We inspected 9 WEAR sites: 2 Mile Southeast Landfill (active), Landfill (closed), AVEC Tank Farm (active), Native Corporation Tank Farm (active), School Tank Farm (active), Water Plant Tanks (active), Washeteria Tank (active), Store Tank Farm (closed), and Old Store Tanks (closed).

Council (population 15 summer, 0 winter) is located at the terminus of the Nome/Council road, 60 miles northeast of Nome. We inspected 2 WEAR sites: Landfill (active) and Generator Building (abandoned).

Elim (population 352) is located on the northwest shore of Norton Bay on the Seward Peninsula, 96 miles east of Nome. We inspected 5 WEAR sites: Landfill (active), 1970s Landfill (retired), Old AVEC Tank Farm (active), Old City Shop (active), and AVEC Tank Farm (active).

Koyuk (population 342) is located at the mouth of the Koyuk River, at the northeastern end of Norton Bay on the Seward Peninsula, 90 miles northeast of Nome. We inspected 6 WEAR sites: Landfill (active), Old AVEC Tank Farm (active), Koyuk Native Corporation Tank Farm (active), Tank Farm (active), Old City Tank Farm (abandoned), and School Old Tank Farm (abandoned).

Savoonga (population 713) is located on the northern coast of St. Lawrence Island in the Bering Sea, 164 miles west of Nome. We inspected 9 WEAR sites: Landfill (active), Native Store Tank Farm (active), AVEC Tank Farm (active), ANICA Store Tank Farm (active), AKARNG FSA (active), ADOT&PF SREB Old (active), School Tank Farm (active), 1980s Landfill (retired), School District Tank (active).

Stebbins (population 556) is located on the northwest coast of St. Michael Island on Norton Sound, 120 miles southeast of Nome. We inspected 6 WEAR sites: Landfill (active), Community and AVEC Tank Farms (active), AVEC Tank Farm (active), School Tank Farm (active), AKARNG Armory (active), and Water Treatment Plant (active).

Teller (population 241) is located on a spit between Port Clarence and Grantley Harbor, 72 miles northwest of Nome, on the Seward Peninsula. We inspected 7 WEAR sites: Landfill (active), School Tank Farm (active), Community Tank Farm (active), AVEC Tank Farm (active), Fuel Tanks (active), Abandoned Tanks (abandoned), and Contaminated Soil Site (abandoned).

White Mountain (population 197) is located on the west bank of the Fish River, near the head of Golovin Lagoon, on the Seward Peninsula, 63 miles east of Nome. We inspected 7 WEAR sites: Landfill (active), Community Tank Farm (active), Decommissioned Tank Farm (abandoned), BIA School Drum Dump (active), 1970s Landfill (retired), Washeteria (active), and Fueling Station (active).

North Slope:

Atqasuk (population 248) is located on the Meade River, 60 miles south of Barrow. We inspected 2 WEAR sites: Landfill (active) and Tank Farm (active).

Nuiqsut (population 452) is located on the west bank of the Nechelik Channel of the Colville River Delta, about 35 miles from the Beaufort Sea coast. We inspected 5 WEAR sites: Landfill (active), Pingo Beach Landfill (abandoned), Power Plant (active), Tank Farm (active), and NSB Tank Farm (active).

Point Lay (population 215) is located south of the Kokolik River mouth, about 300 miles southwest of Barrow. We inspected 7 WEAR sites: Landfill (active), Point Lay Dewline LIZ-2 Landfill (active), Polluted Soil Supersacks (active), Polluted Soil (abandoned), Community Tank Farm (active), NSB DMS Drum Storage Area (active), and School Tank Farm (active).

Wainwright (population 543) is located on the Chukchi Sea coast, 3 miles northeast of the Kuk River estuary. We inspected 6 WEAR sites: Landfill (active), Dumpsters of Polluted Soil (abandoned), Old BIA Tank Farm and Day Tank (active), Wainwright Alak School Former Tank Farm (active), Tank Farm (active), and Olgoonik Corporation Tank Farm (active).

Northwest Arctic:

Ambler (population 264) is located on the north bank of the Kobuk River, 45 miles north of the Arctic Circle, and 138 miles northeast of Kotzebue. We inspected 5 WEAR sites: Landfill (active), AVEC Tank Farm (active), Ivisaappaat Tank Farm (active), IRA Tanks (abandoned), and School Tank Farm (active).

Buckland (population 487) is located on the west bank of the Buckland River about 75 miles southeast of Kotzebue. We inspected 7 WEAR sites: Landfill (active), Community Tank Farm (active), IRA Fuel Depot (active), NABSD School Tank Farm (active), City Tank Farm (active), Water Plant Tank Farm (active), and Power Plant Tank (active).

Kotzebue (population 3,202) is located on the Baldwin Peninsula in Kotzebue Sound on a 3-mile long spit which ranges in width from 1100 to 3600 feet. It is 26 miles above the Arctic Circle. We inspected 10 WEAR sites: Landfill (active), Baler Facility (active), Nullagvik Hotel and Hanson Trading (active), Airport Alaska Airlines (active), Airport Northwestern Aviation (active), ADOT&PF MarkAir (active), City of Kotzebue (active), Maniilaq Association Family Crisis Center (active), Crowley Tank Farm (active), and Electric Association Tank Farm (active).

Noatak (population 568) is located on the west bank of the Noatak River, 55 miles north of Kotzebue and 70 miles north of the Arctic Circle. We inspected 6 WEAR sites: Tank Farm (active), School Tank Farm (active), AVEC Tank Farm (active), Two Abandoned Tanks (abandoned), Closed Landfill (closed), and Landfill (active).

Noorvik (population 641) is located on the right bank of the Nazuruk Channel of the Kobuk River, 45 miles east of Kotzebue. The village is downriver from the 1.7 million acre Kobuk Valley National Park. We inspected 7 WEAR sites: 2.6 Mile East Landfill (active), AVEC Tank Farm (active), Former AVEC Tank Farm (abandoned), Community Tank Farm (active), Native Store Fuel Tanks #1 (abandoned), Native Store Fuel Tanks #2 (abandoned), and School Fuel Tanks (abandoned).

Wade Hampton:

Pilot Station (population 628) is located on the northwest bank of the Yukon River, 11 miles east of St. Mary's on the Yukon-Kuskokwim Delta. We inspected 6 WEAR sites: Landfill (active), AVEC Tank Farm (active), BIA Tanks (abandoned), Old School Tanks (abandoned), School Tanks (active), and Tank Farm (active).

Scammon Bay (population 518) is located on the south bank of the Kun River, one mile from the Bering Sea in the Yukon-Kuskokwim Delta. We inspected 6 WEAR sites: Landfill (active), AVEC Tank Farm (active), Corporation Tank Farm (active), Water Treatment Plant (active), Old School Tanks (abandoned), and School Tank Farm (active).

Yukon-Koyukuk:

Anvik (population 85) is located in Interior Alaska on the Anvik River, west of the Yukon River. We inspected 9 WEAR sites: Landfill (active), Runway Landfill (retired), Bulk Waste Storage (active), AVEC Tank Farm (active), Chase Enterprise Store Tank Farm (active), Anvik Commercial Co. Tank Farm (active), Deloy Ges Inc. TF#1 (active), Deloy Ges Inc. TF#2 (active), and Deloy Ges Corporation Tank Farm and Gas Station (active).

Grayling (population 178) is located in Interior Alaska on the west bank of the Yukon River, 18 miles north of Anvik. We inspected 7 WEAR sites: Landfill (active), City Former Tank Farm (active), Consolidated Tank Farm (active), Iditarod School Former Tank Farm (active), Native Corporation Tank Farm (active), Native Store Tank Farm (active), and Runway Landfill (closed).

Holy Cross (population 181) is located in Interior Alaska on the west bank of Ghost Creek Slough off the Yukon River, 40 miles northwest of Aniak. We inspected 7 WEAR sites: Landfill (active), AVEC Tank Farm (active), Ghost Creek Drum Site (abandoned), School Tank Farm (active), Holy Cross Oil Co. (active), Waste Storage (active), and City Railroad Tanks (active).

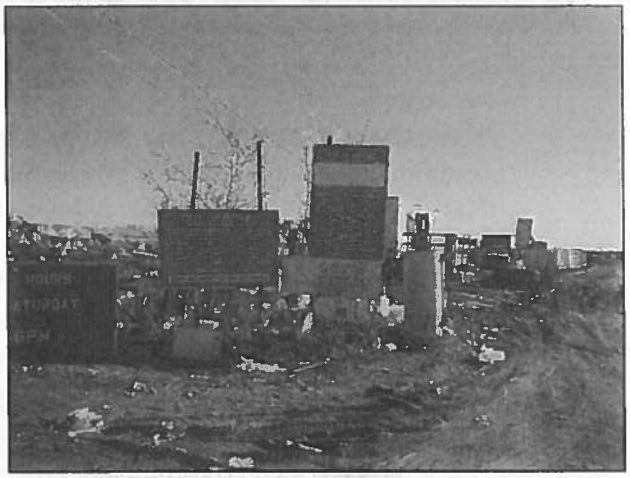
Shageluk (population 76) is located on the east bank of the Innoko River, 20 miles east of Anvik. We inspected 6 WEAR sites: Landfill (active), AVEC Tank Farm (active), Boneyard (active), School Tank Farm (active), Zho-Tse Corporation Tank Farm (active), and City Tank Farm (active).

CIAP WEAR Trip Report
Bethel (population 6,278)
May 9, 2013

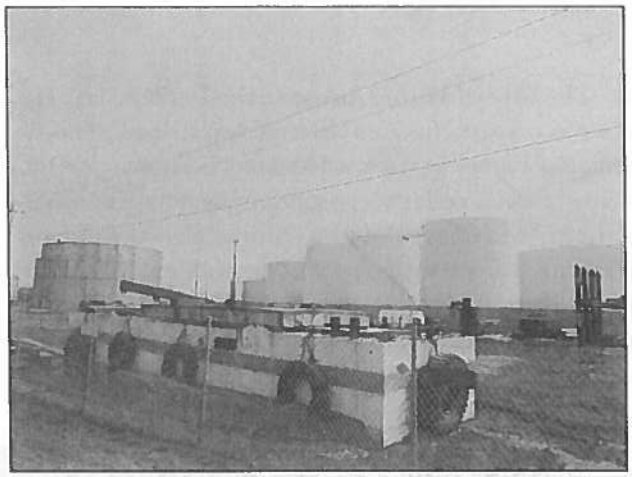
Alaska Department of Environmental Conservation (ADEC) Solid Waste Program (Doug Huntman and Rebecca Colvin) conducted a Coastal Impact Assistance Program (CIAP), Waste Erosion Assessment and Review (WEAR) site visit for Bethel on May 9th, 2013. Dave Stovner, Bethel Landfill Manager, participated in the site visit. The following narrative is a brief description of our findings during the May inspection.

WEAR Sites

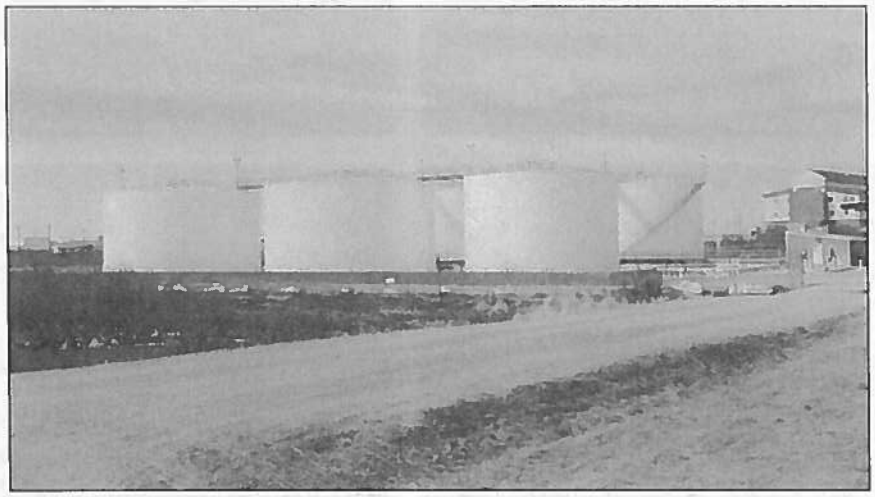
- **Landfill, 60.810921/-161.762162 (Active)** – The City of Bethel manages the Bethel Class II landfill, permitted to accept municipal waste and construction and demolition debris. This un-lined landfill is operated as an area fill landfill, is 19 acres in size and located 1.3 miles north of the Kuskokwim River. Operations at the site include: a collection program, heavy equipment for compacting and covering waste, and set hours when it is closed to the public. At the time of the inspection, there was a large, uncovered pile of construction and demolition debris that has been observed for multiple years' inspection reports. The Bethel landfill has a surplus of vehicles on site, but efforts in recent years to recycle and backhaul many of the vehicles have greatly reduced this stockpile.



- **Fuel Sales, 60.782646/-161.779861 (Active)** – This tank farm is located south of the community along the Kuskokwim River. It is owned and operated by Crowley Marine Services. It contains 15 fuel tanks with a total storage capacity of 14,658,000 gallons. Two of these fuel tanks are for emergency storage use only. All tanks are within lined, secondary containment and store gasoline and diesel. It is approximately 240 feet from the Kuskokwim River. Per the 2009 Baseline Erosion Assessment (BEA) by the Army Corps of Engineers, the majority of the riverbank is protected from future erosion by an 8,000 foot seawall installed in 1997. The seawall was strengthened by adding basketball sized rocks in 2007 in Phase I of an Army Corps of Engineers project.



- **Tank Farm, 60.785458/-161.781599 (Active)** – This tank farm is located south of the community, directly north of Crowley Fuel Sales. It is also owned and operated by Crowley Marine Services. It contains 5 tanks with a total storage capacity of 5,460,000 gallons of gasoline and diesel. The tank farm is within lined, secondary containment. It is approximately 740 feet from the Kuskokwim River, which has a seawall in place to prevent erosion.



Manager's Report

Management Team Reports

MEMORANDUM

DATE: August 5, 2014

TO: Greg Moyer, Interim City Manager

FROM: John Sargent, Grant Manager

SUBJECT: Grant Manager's Report – August 12, 2014 Bethel City Council Meeting

Ladders of Opportunity Grant Submitted
I worked closely with Transit Manager Bill Ferguson to prepare an application to the Federal Transit Administration to request left-over Section 5309 transit funds. The City requested $132,644.81 in federal funding with a promised cash match of $29,460.67 from ONC and the FY 2015 State Match Grant. The City will use the money to purchase one new 12+ passenger transit vehicle, six snow tires, and 15 bus shelters.

RFP Update
Calcium Chloride and Sodium Chloride
The City received two responses to its RFP to purchase calcium chloride and sodium chloride and selected the one more advantageous to the City. The money for this purchase is in the FY 2015 Budget. Materials are expected to arrive in Bethel on the last barge of the season.

Hydrographic Survey
The City received seven responses to its RFP to hire a company to complete the required biennial hydrographic survey of the Kuskokwim River in front of Bethel. The review committee scored the proposals and selected the best one to perform the work. A contract will be signed with the company soon. The money for this purchase is in the FY 2015 Port of Bethel Budget.

The next RFP to be written will be for janitorial services for City Hall and the courthouse.

Land and Water Conservation Fund Grant
The Parks and Recreation Director and I met with two project managers with the Corps of Engineers in Bethel to walk through the planned Pinky's Park Improvement Project. The Corps is concerned with the amount of fill the City plans to use to construct the multipurpose field and high tunnel sand pad, but indicated that their approval was imminent.

Wind Energy Grants
The City is ready to sign a change order with EPS to fulfill the wishes of AVEC regarding the establishment of a met tower to collect data on City land behind the Recycle Center. AVEC plans to erect two meteorological towers in Bethel, one at their preferred wind turbine site (City land behind Recycle Center) and one at their secondary site (AVEC land near power plant).

City of Bethel
Grant Summary
Calendar Year 2014

Submitted in Calendar Year 2014

Most recent first

Sponsor	Name	Products/Services	City Depts. (Partners)	Date	$ Grant $ City Match
Federal Transit Administration	Ladders of Opportunity Grant	New transit vehicle (12+2 passenger), snow tires, 15 bus shelters.	Transit	8/4/14	$132644.81 29,460.67
Alaska Division of Homeland Security and Emergency Mgmt.	State Homeland Security Program	E911 call-back system, radiation detectors, radios, repeaters, gas analyzer.	Police, Fire	7/18/14	$432,900 0
USDA, EPA, IHS, DEC.	Sanitation Deficiency System Database	Sewage Lagoon Rehabilitation projects: 1. Replace truck dump site; 2. Dredge; 3. Design 3rd cell addition; 4. Construct cell #3.	Public Works	6/20/14	$643,255/ $643,255 $4,116,618/ $56,745
Alaska Dept. of Natural Resources, Division of Parks and Outdoor Rec.	Full Land & Water Conservation Fund grant application	Pinky's Park Upgrades: new multiuse sports field, boardwalk, decks, garden high tunnel.	Parks and Rec.	6/16/14	$125,000 Other grants + in-kind match

Approved in Calendar Year 2014

Most recent first

Sponsor	Name	Products/Services	City Depts. (Partners)	Date	$ Grant $ Match
Rasmuson Foundation	Tier 2 grant	Furntiure, fixtures, and equipment for aquatic center.	Admin.	3/15/14	$740,549 0
Federal Emergency Management Association	Assistance to Firefighters Grant	22 Self-contained breathing apparatus (airpacks)	Fire	12/6/13	$125,290 $5,000?
YKHC-Diabetes Prevention and Control Program	Funding to reduce incidence of diabetes onset	Exercise equipment and pool swim gear	Parks and Rec.	3/6/14	$196,969 0

Memorandum

DATE: July 31, 2014

TO: Greg Moyer, Interim City Manager

FROM: Hansel L Mathlaw, Finance Director

SUBJECT: Manager's Report – August 2014

Finance Department

Our General Ledger Accountant, Josie Stern, turned in her resignation and her last day was July 18. On July 19, I posted the job opening with Delta Discovery, Alaska Jobs Bank and Indeed.com. Her departure was/is at a critical time of the year, audit preparation.

Currently, we are in the preliminary process for City of Bethel's fiscal year audit, June 30, 2014. I am the only one to independently perform yearend audit adjusting journal entries and one of the reasons I requested an RFP for accounting services is I cannot perform all the work for the audit single handedly.

We have Caselle accounting software training scheduled for August 11-13. One employee would travel to the lower 48 for Caselle training once a year. The information from would then be disseminated to the other employee, but not all. The change will be two trainers from Caselle would travel to Bethel to train the staff and I believe this is much more effective way to train employees.

Finance Committee

The committee meet on July 28 and a quorum was established. The topics: sales tax rewrite, powers and duties or committee members, swimming pool operating budget and senior ID cards. The senior ID cards will be integrated into the new sales tax revision. Our next meeting is scheduled for August 25. If we have a quorum, I estimate the sales tax revision will be prepared for council the first meeting in September. The rewrite was written by the City Attorney with edits by the sales tax accounting tech, the finance committee and myself.

Budget/Financial

The Finance Department Budget year to date (as of June 30) expenditures totaled $592,002 which represents 79% of the total budget.

The Utility Billing under my supervision had expenditures of $140,374 which represents 101% of the budget.

The finance department will be performing yearend adjustments to prepare for the audit, because of this ongoing process, the FY14 numbers are not solid and will change from now until the completion of the audit.

After the June 2014 sales tax reconciliation, a transfer of $43,353 was performed to the BATHC bank account. The BATHC bank account balance is $4,321,453

Planning Department Report

From: Rachael Pitts, Planning Director
Date: August 1, 2014

The planner has been reviewing Titles 15-18 of the BMC, and will recommend some changes to make the code a little easier to administer, and to update it. This is quite a bit of code on various topics that is cross referenced, so the work on this is ongoing. The Planning Department will briefly hire a consultant to work on the zoning in August / September.

There have been a lot of Site Plan permit applications in July. Perhaps the nice weather has encouraged homeowners to make improvements.

The Department is looking ahead to fall when automobiles must be out of the right-of-way. All vehicles must be removed for snow plowing.

More preparation is happening with the anticipated pool opening. Staff have come to town to manage the pool, and equipment is being selected for the exercise room.

The planner met with employees of the US Army Corps of Engineers about projects that are planned or ongoing in Bethel. They also visited some of the villages. They have provided helpful information about how to administer the program.

The AVCP has submitted a plat for a Family Services Subdivision to be located at the Port. The plat includes a lot line vacation, and utility easements to be dedicated to the City.

Site Plan Permit Applications and Code Enforcement: The Planning Department has received 37 Site Plan Permit applications to date.

Construction Projects:

Walls are going up at the new PATC building behind the Post Office.

Information Technology Monthly Report July 2014

This is the activity of the IT department for the month of July 2014.

City Hall

- Replaced the second bias transfer roll in FinanceMain printer.
- Replaced bad HDD in workstation to be used as a spare workstation.
- Computer software maintenance on WSA0023 and LT0011 (download and install updates, clear data caches, uninstall rogue programs, disable non-essential startup software).
- Performing an IP Address scan of all city networks to make sure there are no unauthorized devices utilizing network services
- Purge devices from the DHCP lease manager to clear up IP addresses for more network devices
- WS0050 CD drive was not opening. The CD drive was replaced also, while the machine was opened performed hardware maintenance, blowing dust out of the fans and vents.
- Change City network backup drive from Friday-2 (1) to Friday 2.
- Transferred new Xerox machine supplies to the IT storage room.
- Replaced the second bias transfer roll in FinanceMain printer.
- Organize and install new hardware in the server room rack in lieu of AIT's arrival on Monday.
- Produce document with labeled pictures of our current server rack setup for reference.
- Installed new uninterruptible power supply in the server rack in lieu of some new equipment that will be installed next week.
- Remove all unneeded equipment from the server room. Also collecting all equipment that AIT will be installing and configuring in a convenient place for them in there.
- Move excess server room equipment to the IT storage room.
- Perform full backup of the city network's data. AIT will not replace any equipment until we have done this.
- Transferring the network backup to an external location for safekeeping
- Change the city network backup drive from Friday-2 to Friday 3
- Created up to date list of all network users complete with usernames.
- Assist Jeff Schoffstall (AIT) with initial equipment installation into the server room rack.
- Assisting Jeff Schoffstall (AIT) with some equipment installation into the server room rack
- Perform several network speed tests to show to GCI support regarding abnormally slow performance.
- Looking up a list of IP addresses for the ESM server as we will be setting it up from scratch once the hardware is returned to us.
- Make several Ethernet cables for Jeff Schofstall (AIT) to use for the new City Hall Storage Area Network.
- Cleaned the City Hall server room, removing the empty boxes and other trash left behind in the wake of all the equipment installation
- Racking COB-DC2. It had been removed a few weeks prior for reorganization.

- Moved all empty server boxes from both City Hall and the Police Dept to the bus barn for storage in case they are needed later on for equipment returns or repairs
- Procured the password for SAN Node-1 for Jeff Schofstall (AIT)
- Restarting COB-DC2 as per a request by Jeff Schofstall (AIT)
- Moved an office desk to the bus barn.
- Organizing some equipment in the server room to create more space
- Updating the city network inventory list to reflect some changes in network equipment.
- FinanceMain printer wasn't allowing to set jobs to staple. A full software reset cleared this issue.
- City Clerk sent an email reporting of an alert she would get upon booting up the Chambers computer WS0039. It wasn't a problem, the system is merely detecting that it cannot communicate with one of the optical drives. Swapped the optical drives out. Problem corrected.
- Assist Jeff Schofstall (AIT) in installing SAN Server and swapping ports being used by COB-DC2.
- Prepared Skype interview with a potential new HR Manager, Richard Adams
- Set up Richard Adams in the City of Bethel contacts list on Skype. Sent a contact request for Skype and he accepted and is now on the Skype contact list.
- Implement revisions into the new vehicle sign-out sheet.
- Filling out an active/inactive list of the Bethel domain's computers.
- Installed Caselle Classic onto the finance director's workstation, WSA0053
- Assisting City Clerk in tracking down some old travel receipts from 2010.
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Fire

No Activity needed this month.

Public Works

- Streets and Roads foreman was having problems unable to pull up network drives with his computer (WSA0028) Reimaged WSA0028 at server room back to a stable iteration. It was unable to resolve host names with other computers and even the Bethel domain.
- Returned to Public Works to reinstall the freshly reimaged WSA0028 back into the Streets & Roads office.
- The Water /Sewer foreman was unable to fax or scan from his office printer (Hauled Water) at Public Works. Problem solved.
- Update the "PW Shop" printer drivers from a Brother 7440N to a Brother 8870DN. The network was still reflecting and operating under the old printer model
- Reinstate network credentials for the V&E Dept and also to install the profile for a new mechanic, on workstations at Public Works.
- Computer software maintenance (downloading and installing updates, clearing data caches, uninstalling rogue programs, disabling non-essential startup software) on WSA0024 and WSA0025.
- Public works administration was unable to text-search in a PDF file she had that contained all of the City's vehicle insurance information. OCR recognition was installed to fix the problem.
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Parks and Recreation

- Reset of a users credentials at Parks and Recreation. Gave new credentials to Parks and Recreation department head to pass along to him.
- A loud buzzing noise was coming from the Parks and Recreation Xerox printer (BYCMain). A ticket is made with Xerox tech support on the matter. Reference number: 19831422
- Contents of a terminated employee's scanned drive were moved to the Parks and Recreation Director files by request of the director. Installed print drivers of the BYCMain printer at the Youth Center
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Port

- Rack up the ESM server (ESMVSA). Assist ipConfigure with configuring this device to work as the camera server for the Port cameras.
- Downloaded the ESM software from ipConfigure for camera management and SQL express to set up an archiving database.
- The Port Director reported that he is out of yellow toner but still cannot print in black and white, Toner has been ordered.
- Could not connect with ipConfigure for assistance in setting up ESMVSA Server but has no luck due to their EST time zone.
- Setting up ESMVSA with a static IP address
- Check on various port numbers in use for the new GCI switches.
- Following up with Arctic Information Technology to inform of the success we had with setting up the Port cameras on ESMVSA Server.
- Continuing remote assistance with ipConfigure to get ESMVSA Server up and running
- Contacting AIT for assistance on being unable to communicate with the Port cameras even though we know their IP addresses.
- According to Arctic Information Technologies, the Port cameras must be reconfigured for the new IP scheme set into place by GCI.
- All of the Port cameras reconfigured under the .32 IP scheme
- With communication established to the Port cameras after the change to their IP addresses, Configured them to the camera management server, ESMVSA.
- Finished the ESMVSA Server set up.
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Police Department

- Update print drivers on the PD-MGMT server. These new print drivers will need to be deployed through an updated group policy network measure.
- Change the Police Dept network backup drive from USB-4 to USB-5.
- Assist Police Sargent in how to use the Kantech door-lock software. She had never logged in before and was not trained to use it by other dispatchers.
- Officer at the Police Department forgot his network credentials and needed it reset.
- Create network credentials for PDs new dispatcher. Install her profile on all relevant workstations at Police Department.

- The new Wasp evidence printer was not working properly. Collected all necessary information regarding what was happening with the printer and opened a trouble ticket with Wasp technical support. Basically, cannot get the printer put onto the Police network nor could the machine be configured to print via eForce RMS. Trouble ticket ID with Wasp support: HVH-951-72841.
- Downloaded Wasp training videos for instructions of the installs of a Wasp WPL406. This helps in troubleshooting the Police Dept's evidence printer.
- Follow up with Wasp technical support in order to get the Police Dept's evidence printer configured properly
- Took pictures of the internal setup of the Wasp printer. Wasp technical support has requested I take pictures and email those to them.
- Police Dept to check on an issue the PD Chief emailed about saying that there was a problem with the audio-recording equipment. Collected information on the problem and forward to Mike Gillen with Digital Loggers in order to get the issue resolved.
- Sent information I collected on the DLI recording problem to Mike Gillen with Digital Loggers
- Sent pictures of the internal setup of the Wasp WPL406 to Wasp tech support.
- Correcting some hardware anomalies in the Wasp WPL406 based on feedback received from Wasp tech support. Calibrate the machine correctly.
- Change the Police Dept network backup drive from USB-5 to USB-6.
- Return the Police Dept backup to City Hall.
- Installing new label printer in the Patrol office of the Police Dept
- Prepare drivers for reimaging an older Dell Latitude D800 for Jeff Schofstall (AIT) to use to configure the SAN at the Police Dept.
- Assist Jeff Schofstall (AIT) working on the new backup system at the Police Department.
- Police Dept print jobs are not making it to the Wasp WPL406. Problem corrected.
- Error message when using Chrome that system memory is low. This ends up closing Chrome. Problem corrected.
- DISPATCH1 is not allowing download of certain picture files from eForce. It ends up getting a "Virus Scan Failed" message. Problem solved.
- The Police Dept's WPL406 is malfunctioning again, unable to calibrate correctly. This issue will be sent to Wasp tech support again
- Assist Jeff Schofstall (AIT) install a new Storage Area Network server into the network equipment room at Police Dept.
- Assist Jeff Schofstall (AIT) to assist with some equipment configurations and testing at Police Department.
- Setting up the Wasp WPL406 from scratch at the Police Dept with phone support from Wasp techsupport.
- Police Department Eforce was not giving the officers the option to print to the Wasp WPL406 printer.
- Reinstalled the printer on the Eforce server, and contacted Eforce technical support to confirm it was functioning through the Eforce software. Eforce Ticket number CAS-17667-N4F3V3
- Installed label printer on evidence computer at the Police Dept (WSA0044).
- Installed label printer software on all relevant workstations at the Police Dept (including all of patrol and the supervisor workstations)
- Received from eForce tech support information regarding some recent outages the Police Dept has been noticing
- Moved all empty server boxes from both City Hall and the Police Dept to the bus barn for storage in case they are needed later on for equipment returns or repairs.

- Heading to the Police Dept to install some external hard drives so that Jef Schofstall (AIT) may remotely configure them as per the new backup system.
-
- Assist Jeff Schofstall (AIT) who needs to physically reset some devices at the Police Department in their server room while he changes configurations remotely
- Reinstalled print drivers for the Police Dept's Wasp WPL406 to try and reestablish communication to it from the different workstations.
- Installed label software on the admin assistant computer, WSA0052 at the Police Department.
- Arctic Information Technology has requested restart PD-VS1 at the Police Dept.

Total Trouble Tickets: 42
Total Non-Trouble Ticket Tasks: 80
Total Computers Maintained: 61

PORT OF BETHEL

Post Office Box 1388
Bethel, Alaska 99559
Voice: 907-543-2310
Fax: 907-543-2311

TO: Greg Moyer

FROM: Peter A. Williams, Port Director

SUBJECT: July Managers Report-2014

Small Boat Harbor

SBH Project, Phase III

- The Project Manager continues to file a daily progress report management from DOWL and Knik construction were on the job site August 1st. Everyone and myself feel that the project is progressing smoothly. There have been some agreed changes that do not increase the costs. The USACE has been informed.

- The SBH has lost 25 parking spaces and approximately 25 vehicle parking spaces due to construction.

-Designated parking spaces have been marked for vehicles and trailers.

-K & L Gates continues to work toward obtaining the sub-surface rights from Calista Corp. for Plat 82-13 , the SBH.

-The Finance Dept. has created a savings account to hold in reserve the .01 per gal increase from the fuel thru-put fee that will be collected in FY-15. There was a small amount collected in June 2014. The increase went into effect Jan. 1, 2014. FY-16 will be the first time that the Port can use these funds. The Port hopes to establish a internal service fund for M&O costs and capital projects for the SBH. This will help free up revenues realized from the city dock that have going towards the M&O cost of the SBH.

East Addition

- Third Ave North is complete and is permanent and space for a park will be adjacent to the road. We will install fencing around the park by Sept 1st.

-Jung/Active lots- MLA will be traveling to Bethel when the ground to set monuments. This work does not include the lot that the Yukon lodge sits on.

- Lot and building that the City obtained from the Hoffman's was secured. Would like use this building too repair floats and store light duty vehicles for the winter. Would like to explore tuning the electricity back on and see if the plug ins are suitable for use.

City Dock

- Vessel traffic was light. Three vessels were launched that have been on the dock since last winter.
- The usual maintenance was performed such as grading, dust control and general clean –up.
- The design for the East Timber wall that the USACE producing is progressing.

-One mainline barge with 952 tons of freight arrived at the Cargo Dock.

Seawall

- Fencing was repaired and holes along the seawall were filled with gravel.
- Seed and fertilizer was applied to the grassy areas the Port maintains.
- Access road barrier was improved with paint and signage.

Operations

-There were seven bids for the Hydrographic Survey and they will be scored 8/1 or August 4th.

- Blue Line Enterprises was picked to for the purchase of the Grizzly (rock separator) and will be paid for when it arrives in Seattle. It is finished being built and will be shipped to Seattle Aug 8th.

- Gravel was stockpiled in the Petro Yard on Standard Oil Road that was in the budget for FY-15.

- Oil, fuel, and air filters were changed in most of our equipment. Two pick-up trucks were repaired. The 14G Grader and D-r Dozer had new cutting blades installed.

- The billing for the Month of July is complete.

Petroleum Dock and Yard

_____-The yard is being reorganized and unusable items taken to the landfill which includes fewold skiffs that we tried to sell and are not sea worthy.

-Checked daily and there are some repairs too the fencing that need to be performed.

-Vessel traffic has been light, just barges downloading fuel for the villages for the most part, 262,000 gals of fuel was delivered to the tank farm.

Peter A. Williams
Port Director

MEMORANDUM

DATE: August, 5th 2014

TO: Greg Moyer, Interim City Manager

FROM: Bill Howell, Acting Chief

SUBJECT: Manager's Report – Month of July, 2014

Programs/Divisions

- The Departments new fire engine has been completed. Representatives of the Fire and V&E departments traveled to Lyons, South Dakota for the final inspection. A list of 24 deficiencies was submitted to the manufacture for correction. There is no indication that this will affect timely delivery. This is the first new fire apparatus the department has received since 1987

- The department is developing a Request for Bids for purchase of 20 self Contained Breathing Apparatus under the FEMA Assistance to Firefighters Grant program. This project is budgeted for approximately104,000

- We are reviewing a draft MOU/MOA with YKHC regarding clinical experience of our EMS staff and volunteers in the Hospital. Approval of this MOU is being delayed until the Fire Chief returns from leave.

Staffing Issues/Concerns/Training.

- All open positions are currently filled

- A disaster drill was held on July 31st at 10 am for the YKHC emergency room. Several of the volunteers and staff of the fire department participated. Bethel Fire Department members in cooperation with the Alaska National Guard and YKHC provided triage, transport and medical care to 10 mock patients at a simulated aircraft accident 10 miles outside of Bethel.

- An EMT meeting was held on the 1st of July in the evening at the Fire Station. A review of recent runs was conducted followed by training in identifying allergic reactions and treatment.

- A fire meeting was held on July 10th in the evening at the training tower. Firefighters were trained in forcible entry using manual and hydraulic tools.

- An EMT meeting was held on the 15th of July in the evening at the Fire Station. Medics were refreshed in head neck and spinal injury. the next EMT meet is scheduled for the 5th of August.

- A fire meeting was held on July 24th in the evening at the Bethel Fire Station. A review of recent runs was conducted followed by ladder rescue and safety training. Maintenance and inspection of Department ladders concluded the training.

- The next fire meeting is scheduled for August 14thth 2014.

Budget/Financial

- The Department is operating within its current budgetary constraints.

Clerk's Report

City of Bethel, Alaska

City Clerk's Office

Council Meetings and Events
August 14, Trails Working Group Meeting 5:30p
August 18, Special City Council Meeting –Water and Sewer Rate 6:30p
August 26, Regular City Council Meeting

Primary Election
August 4, Absentee Voting opens in the City Clerk's Office.
August 19, Primary Election Day. Polls open from 7 a.m. – 8 p.m.

City of Bethel Regular Election
July 29, Declaration of Candidacy packets become available.
August 5, Declaration of Candidacy filing period opens.
August 20, Declaration of Candidacy filing period closes at 4p.

Documents
Created an Ordinance establishing Kuimavik Board as the advisory committee for the pool facility.

Reviewing an updated version of Title 4.20 Purchasing provided by the City Attorney.

Miscellaneous
The Interim City Manager has implemented the Records Retention requirements regarding the repository of all contracts and leases. The Departments will begin submitting all new and previous contract and leases to the City Clerk's Office. We are working on a filing plan to house these documents.