Approval of the Minutes

I. CALL TO ORDER

A Special Meeting of the Bethel City Council was held on May 8, 2014 at 6:30pm, in the council chambers, Bethel, Alaska.

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

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 Heather Pike, Council Member Leif Albertson (arrived after roll call), Council Member Sharon Sigmon (arrived after roll call).

Members Absent were:
Council Member Mark Springer,

Also in attendance were the following:
City Clerk Lori Strickler, Acting City Manager Pete Williams, City Attorney Patty Burley

IV. PEOPLE TO BE HEARD

No one wished to be heard.

V. APPROVAL OF THE AGENDA

Main Motion:	To approve the Agenda.
Moved by:	Pike
Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 5-0
In favor:	Klejka, Robb, Whitney, Albertson and Pike
Opposed:	None
Primary Amendment:	To move IT Department to the first item of business under New Business.

Moved by:	Whitney
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 4-0
In favor:	Klejka, Robb, Whitney and Pike
Opposed:	None

Council Member Albertson arrived at 6:33p.

VI. NEW BUSINESS

Subsidiary Motion:	Move into the Committee of the Whole.
Moved by:	Robb
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 5-0
In favor:	Klejka, Robb, Whitney, Albertson and Pike
Opposed:	None

Council Member Sigmon arrived at 6:40p.

Item A – IT Budget

Item B- Finance Department Budget through

Item C- Utility Billing Budget

Item D- Parks and Recreation Budget

Item E- Port Department Budget

Item F- Legal Department Budget

VII. UNFINISHED BUSINESS

Item A – Fire Department Budget

Item B- Police Department Budget

Item C- Administration Budget

Item D- City Clerk Budget

Item E- Planning Budget

Subsidiary Motion:	Move out of a Committee of the Whole.
Moved by:	Pike
Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Robb, Whitney, Albertson, Sigmon and Pike
Opposed:	None

XII. ADJOURNMENT

Main Motion:	To adjourn
Moved by:	Pike
Seconded by:	Sigmon
Action:	Motion failed by a vote of 3-3
In favor:	Klejka, Sigmon and Pike
Opposed:	Robb, Whitney and Albertson

Main Motion:	Reduce IT Travel and Training, line item 10-55-545 from $19,000 to $9,000. Reduce City Attorney Travel and Training line item 10-56-545 from $12,000 to $8,000.
Moved by:	Robb
Seconded by:	Pike
Action:	Motion carried by a vote of 5-1
In favor:	Klejka, Robb, Sigmon, Albertson and Pike
Opposed:	Whitney

Main Motion:	To adjourn
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

Joseph A. Klejka, Mayor

ATTEST:

Lori Strickler, City Clerk

City Council Meeting
City of Bethel, Alaska
Special Meeting
May 12, 2014

I. CALL TO ORDER

A Special Meeting of the Bethel City Council was held on May 12, 2014 at 12:00pm, in the council chambers, Bethel, Alaska.

Mayor Klejka called the meeting to order at 12:00pm.

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

Comprising a quorum of the Council, the following members were present: Council Member Joseph Klejka, Council Member Mark Springer (participated telephonically), Council Member Rick Robb, Council Member Sharon Sigmon, Council Member Leif Albertson, Council Member Heather Pike, Council Member Eric Whitney (arrived at 12:02p)

Also in attendance were the following:
City Clerk Lori Strickler, City Manager Lee Foley, City Attorney Patty Burley

IV. PEOPLE TO BE HEARD

No one wished to be heard.

V. APPROVAL OF THE CONSENT AND REGULAR AGENDA

Main Motion:	To approve the Agenda.
Moved by:	Pike
Seconded by:	Sigmon
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Springer, Robb, Sigmon, Albertson and Pike
Opposed:	None

Main Motion:	Amend the agenda to bring Executive Session Item A to follow approval of the agenda.
Moved by:	Robb
Seconded by:	Pike

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

VI. EXECUTIVE SESSION

Item A- AS 44.62.310 (c) 2 Subjects That Tend To Prejudice The Reputation And Character Of Any Person, Provided The Person May Request A Public Discussion; Annual Evaluation Of Lee Foley, Review Of Employment Contract Between the City of Bethel and Lee Foley.

Main Motion:	Move into Executive Session AS 44.62.310 (c) 2 Subjects That Tend To Prejudice The Reputation And Character Of Any Person, Provided The Person May Request A Public Discussion; Annual Evaluation Of Lee Foley, Review Of Employment Contract Between the City of Bethel and Lee Foley. Individuals participating in the Executive Session will be City Council Members and Lee Foley and potentially Doug Brown.
Moved by:	Robb
Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Springer, Robb, Sigmon, Albertson, Whitney and Pike
Opposed:	None

Council entered executive session at 12:04p

Council Member Springer disconnected from teleconference and attended the meeting in person at 12:26p.

Council exited executive session at12:44p

Main Motion:	Terminate the Negotiated agreement between the City of Bethel and Lee Foley, City Manager effective immediately.
Moved by:	Springer
Seconded by:	Sigmon
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Springer, Robb, Sigmon, Albertson, Whitney and Pike
Opposed:	None

Main Motion:	Direct City Clerk prepares a letter of termination to present to Mr. Foley.
Moved by:	Springer

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

Council Member Whitney departed the meeting at 12:47p.

XII. NEW BUSINESS

Item A- Tuition Assistance Provided To City Employees.

Main Motion:	Direct Administration to immediately put a freeze on any tuition assistance payments and approvals for higher education courses or degree programs until July 1, 2015.
Moved by:	Springer
Seconded by:	Sigmon
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Springer, Robb, Sigmon, Albertson and Pike
Opposed:	None

Item B- Travel Expenses Charged To The City For Business Related Travel.

Main Motion:	Direct Administration to refuse payment for any first class airfare for City Employees.
Moved by:	Springer
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Springer, Robb, Sigmon, Albertson and Pike
Opposed:	None

Item C- Discontinuation Of Automatic Recurring Billing Charges On City Credit Cards.

Main Motion:	Direct Administration to immediately stop any automatic reoccurring billing charges to city credit cards.
Moved by:	Pike
Seconded by:	Sigmon
Action:	Motion carried by a vote of 5-1
In favor:	Klejka, Springer, Sigmon, Albertson and Pike
Opposed:	Robb
Primary Amendment:	Insure at the end, unless authorized by the appropriate Department Head, Finance Director, City Manager and the City Council.

Moved by:	Robb
Seconded by:	
Action:	Does not carry due to a lack of a second.
In favor:	
Opposed:	

Item D- Personal Time Off/Annual Leave/Sick Leave Cash Out Policies.

Main Motion:	Direct Administration to deny any PTO, annual or sick leave cash out requests from employees unless the request is in accordance to the BMC and/or Union Contract, whichever is applicable.
Moved by:	Springer
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 6-0
In favor:	Klejka, Springer, Robb, Sigmon, Albertson and Pike
Opposed:	None

XIII. ADJOURNMENT

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

_____
Joseph A. Klejka, Mayor

ATTEST:

_____
Lori Strickler, City Clerk

I. CALL TO ORDER

A Regular Meeting of the Bethel City Council was held on May 13, 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 Sharon Sigmon, Council Member Leif Albertson, Council Member Heather Pike, Council Member Mark Springer (arrived at 6:38p), Council Member Eric Whitney (participated telephonically arrived at 6:41p)

Also in attendance were the following:
City Clerk Lori Strickler, Acting City Manager Pete Williams

IV. PEOPLE TO BE HEARD

Nancy Elliot – Spoke in favor of Resolution 14-09.

Joan Dewey- Spoke in favor of Resolution 14-09.

Vincent Moses- Presented water samples to the Council from his home, indicating the quality of water is poor. Suggested if the Council is going to increase the cost of service for water, they should insure the quality of water is improved.

Eddie Barber-Spoke in favor of Resolution 14-09.

Eric Middlebrook- Spoke in opposition to Ordinance 14-12. Suggested the Ordinance separate out the utility billing to ten dollars a month. Provided a number of concerns related to the charting of the rates.

Daysha Eaton- KYUK News Director provided a formal appeal to the City Council regarding a Public Request for Information denial made by the City Clerk's Office.

Nick Kwiek- Spoke in favor of Resolution 14-09. Suggested the City finalize the dog park development as proposed last year.

Ronda Sargent- Parks and Recreation Director, Clean up Green up started yesterday; changes to the process this year. Additional concerns over park activities can be directed to the Parks and Recreation Department. 4H Across the State has a Teen Leadership opportunity .

V. APPROVAL OF THE CONSENT AND REGULAR AGENDA

Main Motion:	To approve the Consent and Regular Agenda.
Moved by:	Springer
Seconded by:	Robb
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Primary Amendment:	Amend the agenda to remove the executive session item A from the agenda.
Moved by:	Robb
Seconded by:	Springer
Action:	Motion failed by a vote of 2-5
In favor:	Springer and Robb
Opposed:	Klejka, Whitney, Sigmon, Albertson and Pike

Secondary Amendment:	Amend the primary amendment to strike "annual evaluation"
Moved by:	Pike
Seconded by:	Sigmon
Action:	Motion carried by a vote of 6-1
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	Springer

Primary Amendment:	Remove the evaluation from the e session
Moved by:	Pike
Seconded by:	Sigmon
Action:	Motion carried by a vote of 6-1
In favor:	Klejka, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	Springer

Remove from the Consent agenda	Resolution 14-09.
Moved by:	Robb

Primary Amendment:	Remove New Business Items F,G,H and I from New Business.
Moved by:	Robb
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

VI. APPROVAL OF THE MEETING MINUTES

Item A - 4-22-2014 Regular City Council Meeting.
Pass on the consent agenda.

Item B - 5-1-2014 Special City Council Meeting
Pass on the consent agenda.

Item C - 5-5-2014 Special City Council Meeting
Pass on the consent agenda.

VII. REPORTS OF STANDING COMMITTEES

Item A - Port Commission –
Pete Williams, Port Director-
The boat harbor ramps are open and functional. The project for the Small Boat Harbor had four bidders; the bid should be awarded within the next two weeks.

Item B - Planning Commission –
Heather Pike, Council Representative-
A quorum of the body was not established, no meeting was held.

Item C - Public Safety and Transportation Commission-
Sharon Sigmon, Council Representative-
A quorum of the body was not established, no meeting was held. The next scheduled meeting will be the first Tuesday of September.

Item D - Energy Committee –
Richard Robb, Committee Representative-
A quorum of the Committee was not established, no meeting was held.

Item E - Public Works Committee-
Joseph Klejka, Council Representative-
Second well has so far been unsuccessful at the City Subdivision water plant.
The sewer lagoon sheet piling is falling in.

Item F - Finance Committee-
Hansel Mathlaw, Finance Director –
Consideration of the sales tax revision.
Swimming pool operating budget.
Water and Sewer Rate increase, the Committee supported the rate increase however suggested to have additional public hearings on the Ordinance.

Item G - Parks and Recreations Committee-
Ronda Sargent, Parks and Recreation Director-
The Committee voted to not have regular meetings during the summer months. The Committee approved the Recommendation to establish a $1,000 grant under recognizing Bing Santamour.

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.

Mike Shantz- Understand the need of a water and sewer rate increase however believes the consumer should be paying for what they use as opposed to flat rates as provided in the Ordinance. Believes the City should look into cost savings prior to looking into increasing the rates.

Eric Middlebrook Brought up concerns on the data information and the inconsistencies with the number.
Suggested an amendment - Sewer rates need to be based off of water deliveries. Doesn't agree that the commercial rates for water and sewer were decreased, believes the commercial users who would benefit from the institutional corridor should be responsible for a higher depreciate rate. Supports a fare end equitable rate change, but believes this ordinance needs some substantial modifications.

Dave Trantham- Suggested the Council implement a metering system for the water and sewer which would provide costs associated with actual usage.

Theresa Broeckel- Provided a sample of piped water from her home which appeared dark in color with sediment at the bottom of the container.

Vincent Moses- Lives in AVCP House and stated the water quality in his home should be better before the Council considers increasing the water and sewer rates. Believes everyone should pay the same rate for water.

Main Motion:	Move into a committee of the whole until 8:30p.
Moved by:	Springer
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Main Motion:	Move out of committee of the whole.
Moved by:	Springer
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Subsidiary Motion:	Ten minute break.
Moved by:	Robb
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Primary Amendment Motion:	Under Section 13.16.010 Definitions Subsection A and B, strike "as identified in the Hauled Water Zone Map available at the City office" and insert: " A. "Hauled Water Zone One (1)" 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. " B. "Hauled Water Zone Two (2)" 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."
Moved by:	Robb
Seconded by:	Pike

Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Secondary Amendment:	Amend the amendment to include a map with the legal descriptions.
Moved by:	Albertson
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Primary Amendment:	Amend to modify the dates for the tables to have the rate increase begin with FY 2015 with the listed rates for FY 2014.
Moved by:	Robb
Seconded by:	Pike
Action:	Motion carried by a vote of 5-1
In favor:	Klejka, Springer, Robb, Whitney and Pike
Opposed:	Sigmon and Albertson

Primary Amendment:	To strike under section 13.16.020 Water Service, E, 3, to un-strike the "three ($0.3) per gallon (seventy five cents ($0.75) per minute approximately three ($0.03) per gallon and remove the proposed language for increases provided in the chart that increases over the period of FY 2014-FY 2018.
Moved by:	Robb
Seconded by:	Springer
Action:	Motion failed by a vote of 3-4
In favor:	Springer, Robb and Pike
Opposed:	Klejka, Whitney, Sigmon and Albertson

Subsidiary Motion:	Motion to postpone until the next Council Meeting.
Moved by:	Whitney
Seconded by:	Springer
Action:	Motion failed by a vote of 3-3
In favor:	Klejka, Sigmon and Whitney
Opposed:	Springer, Robb, Albertson and Pike

Subsidiary Motion:	Motion to postpone until the next Council Meeting.
Moved by:	Whitney
Seconded by:	Springer
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item B - Public Hearing Of Ordinance 14-13: Property Disposal Through Lease Agreement Between The City Of Bethel And The Yukon Kuskokwim Health Corporation For The Use Of Lots 1 And 2 Located Within Lot 4C, Block 1, City Center Subdivision, Phillips Ayagnirvik Treatment Center

It was determined at the April 22, 2014 Regular City Council Meeting, Council Member Sigmon, Vice-Mayor Robb and Mayor Klejka have a direct conflict of interest in this issue and shall not participate in discussion and debate.

Mayor Pro Temp Springer Opened the Public Haring on Ordinance 14-13.
No one wished to be heard.
Mayor Pro Temp Springer Closed the Public Hearing On Ordinance 14-13.

Main Motion:	Nominate Council Member Springer as Mayor Pro Tem.
Moved by:	Pike
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Main Motion:	Adopt Ordinance 14-13.
Moved by:	Pike
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 4-0
In favor:	Springer, Whitney, Albertson and Pike
Opposed:	None

Mayor Klejka, Vice-Mayor Robb, and Council Member Sigmon returned to the Council desk.

IX. NEW BUSINESS

Item A - Resolution 14-09: Supporting Active Enforcement Of City Of Bethel Laws Regulating Leashing And Restraint Of Dogs.

Main Motion:	Adopt Resolution 14-09.
Moved by:	Sigmon
Seconded by:	Pike
Action:	Motion carried by a vote of 5-2
In favor:	Klejka, Springer, Robb, Sigmon and Pike
Opposed:	Whitney and Albertson

Item B - AM 14-37: Directing The City Clerk To Contact Kurt Playstead, CH2MHILL Representative, To Request His Availability At A Council Meeting To Provide A Summary And To Answer Questions Related To The 2013 Water And Sewer Rate Study.

Main Motion:	To approve AM 14-37.
Moved by:	Springer
Seconded by:	Sigmon
Action:	Motion carried by a vote of 4-3
In favor:	Klejka, Springer, Whitney and Sigmon
Opposed:	Robb, Albertson and Pike

Item C- AM 14-38: Directing Administration To Utilize The Funds In Line Item 26-50-694, Bike/Walking Paths For Maintenance And Repair Of Existing Boardwalks And Bike Paths.

Main Motion:	To approve AM 14-38.
Moved by:	Albertson
Seconded by:	Sigmon
Action:	Motion carried by a vote of 5-2
In favor:	Klejka, Springer, Whitney, Sigmon and Albertson
Opposed:	Robb and Pike

Subsidiary Motion:	Suspend the rules to hear from Ronda Sargent, Parks and Recreation Director.
Moved by:	Pike
Seconded by:	Springer
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Subsidiary Motion:	Extend the meeting past 11p
Moved by:	Robb
Seconded by:	Pike
Action:	Motion failed by a vote of 3-4
In favor:	Albertson, Pike and Robb

Opposed:	Springer, Sigmon, Klejka, Whitney

Item D - Plan Of Action From Administration On Maintenance Of City Parks To Include The Softball Field Turf Repair.

Main Motion:	Direct Plan Of Action From Administration On Maintenance Of City Parks To Include The Softball Field Turf Repair.
Moved by:	Leif
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Item E - Recommendation From The Parks And Recreation Committee To Establish An Annual Education/Training Scholarship Program Titled "The Bing Santamour Higher Education Scholarship".

Main Motion:	Table.
Moved by:	Sigmon
Seconded by:	Springer
Action:	Motion carried by a vote of 5-2
In favor:	Klejka, Springer, Whitney, Sigmon and Albertson
Opposed:	Robb and Pike

XII. EXECUTIVE SESSION

Item A - AS 44.62.310 (c) 2 Subjects That Tend To Prejudice The Reputation And Character Of Any Person, Provided The Person May Request A Public Discussion; Annual Evaluation of Lee Foley, Review Of Employment Contract Between the City of Bethel and Lee Foley (Vice-Mayor Robb)

Main Motion:	To move into executive session AS 44.62.310 (c) 2 Subjects That Tend To Prejudice The Reputation And Character Of Any Person, Provided The Person May Request A Public Discussion; Annual Evaluation of Lee Foley, Review Of Employment Contract Between the City of Bethel and Lee Foley
Moved by:	Sigmon
Seconded by:	Whitney
Action:	Motion carried unanimously by a vote of 7-0
In favor:	Klejka, Springer, Robb, Whitney, Sigmon, Albertson and Pike
Opposed:	None

Council moved into executive session at 10:56p.
Council went back on the record at 11:01p.

XIII. ADJOURNMENT

Main Motion:	Adjourn
Moved by:	Whitney
Seconded by:	Sigmon
Action:	4-2
In favor:	Klejka, Springer, Whitney, Sigmon and Albertson
Opposed:	Robb, Pike

_____
Joseph A. Klejka, Mayor

ATTEST:

_____
Lori Strickler, City Clerk

City Council Meeting
City of Bethel, Alaska
Special Meeting
May 15, 2014

I. CALL TO ORDER

A Special Meeting of the Bethel City Council was held on May 15, 2014 at 6:30pm, in the council chambers, Bethel, Alaska.

Vice-Mayor Robb called the meeting to order at 6:30pm.

II. PLEDGE OF ALLEGIANCE

III. ROLL CALL

Comprising a quorum of the Council, the following members were present:
Council Member Rick Robb, Council Member Sharon Sigmon, Council Member Leif Albertson, Council Member Heather Pike

Members Absent were:
Council Member Joseph Klejka, Council Member Mark Springer, Council Member Eric Whitney

Also in attendance were the following:
City Clerk Lori Strickler, Acting City Manager Pete Williams

IV. PEOPLE TO BE HEARD

No one wished to be heard.

V. APPROVAL OF THE AGENDA

Main Motion:	To approve the Agenda.
Moved by:	Pike
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 4-0
In favor:	Robb, Sigmon, Albertson and Pike
Opposed:	None

VI. UNFINISHED BUSINESS

Subsidiary Motion:	Move into the Committee of the Whole.

Moved by:	Pike
Seconded by:	Sigmon
Action:	Motion carried unanimously by a vote of 4-0
In favor:	Robb, Sigmon, Albertson and Pike
Opposed:	None

Council Member Whitney participated telephonically at 6:45p.m.

Item A – Fire

Item B- Police

Item C- Administration

Item D- City Clerk

Item E- Planning

Item F- Finance

Item G- Utility Billing

Item H- IT

Item I- Legal

Item J - Parks and Recreation

Council Member Whitney departed the Meeting at 7:51p.m.

Subsidiary Motion:	Move out of a Committee of the Whole.
Moved by:	Pike
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 4-0
In favor:	Robb, Sigmon, Albertson and Pike
Opposed:	None

XII. ADJOURNMENT

Main Motion:	To adjourn
Moved by:	Albertson
Seconded by:	Pike
Action:	Motion carried unanimously by a vote of 4-0
In favor:	Robb, Sigmon, Albertson and Pike
Opposed:	None

Richard Robb, Vice-Mayor

ATTEST:

Lori Strickler, City Clerk

I. CALL TO ORDER

A Special Meeting of the Bethel City Council was held on May 19, 2014 at 6:30pm, in the council chambers, Bethel, Alaska.

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

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 Leif Albertson, Council Member Heather Pike

Members Absent were:
Council Member Mark Springer, Council Member Sharon Sigmon

Also in attendance were the following:
City Clerk Lori Strickler, Acting City Manager Pete Williams

IV. PEOPLE TO BE HEARD

No one wished to be heard.

V. APPROVAL OF THE AGENDA

Main Motion:	To approve the Agenda.
Moved by:	Pike
Seconded by:	Robb
Action:	Motion carried unanimously by a vote of 4-1
In favor:	Klejka, Robb, Albertson and Pike
Opposed:	Whitney

Subsidiary Motion:	Move into the Committee of the Whole.
Moved by:	Whitney
Seconded by:	Pike

Action:	Motion carried unanimously by a vote of 5-0
In favor:	Klejka, Robb, Whitney, Albertson and Pike
Opposed:	None

VI. UNFINISHED BUSINESS

Item A - Public Works-
Administration
Streets and Roads
Property Maintenance

Subsidiary Motion:	Move out of a Committee of the Whole.
Moved by:	Whitney
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 5-0
In favor:	Klejka, Robb, Whitney, Albertson and Pike
Opposed:	None

XII. ADJOURNMENT

Main Motion:	Adjourn
Moved by:	Whitney
Seconded by:	Albertson
Action:	Motion carried unanimously by a vote of 4-1
In favor:	Klejka, Robb, Whitney and Albertson
Opposed:	Pike

Joseph A. Klejka, Mayor

ATTEST:

Lori Strickler, City Clerk

Reports of Standing Committees

City of Bethel, Alaska
Planning Commission

May 8, 2014 Regular Meeting Bethel, Alaska

I. CALL TO ORDER

A regular meeting of the Planning Commission was held at 6:30 pm in the conference room at the Public Works building in Bethel, Alaska.

Chairman, John Guinn, called the meeting to order at 6:45 pm.

II. ROLL CALL

PRESENT: John Guinn, Abe Palacios, and Joy Shantz.
ABSENT: Cliff Linderoth and Heather Pike.
STAFF: Rachael Pitts and Betsy Jumper.

Due to a lack of a quorum, the meeting is adjourned at 6:47.

Next meeting will be on June 12, 2014.

_____
John Guinn, Chairman

_____
Betsy Jumper, Recorder

Public Works Committee Agenda

Regular Meeting Wednesday, May 21, 2014 – 6:30PM
City Shop Conference Room

MEMBERS

Joseph A Klejka
Council Rep.
Term Expires
11/2013

Frank Neitz
Chair
Term Expires
12/2013

Scott Guinn
Vice-Chair
Term Expires
12/2014

VACANT
Committee Member
Term Expires
./.

Jennifer Dobson
Committee Member
Term Expires
12/2014

Donna Lindsey
Committee Member
Term Expires
12/2016

Delbert Egoak
Committee Member
Term Expires
12/2015

Bill Arnold
Ex-Officio Member

Betsy Jumper
Secretary/Recorder

AGENDA

I. CALL TO ORDER
II. ROLL CALL
III. PEOPLE TO BE HEARD – (5 Minute Limit)
Mike Nevenzel with ProDev - Pool Update
IV. APPROVAL OF AGENDA
V. APPROVAL OF MINUTES
A. Minutes from the previous regular meeting - April 16, 2014.
VI. SPECIAL ORDER OF BUSINESS
VII. UNFINISHED BUSINESS
A. Water & Sewer Master Plan - Bill Arnold
B. Institutional Corridor - Feasibility Study & Funding - Bill Arnold
To decide what to do use the $7 million on & how far it should go - Frank Neitz
C. Funding source for Sewer Lagoon & the Dredge - Bill Arnold
D. Unstable Sewer Lagoon Platform - Frank Neitz
E. Establishing a plan of action for a traffic plan for the new Swansons Store - Frank Neitz
F. Donut Hole options for a shorter route to Tundra Ridge - Bill Arnold
G. Transfer of City Wind Turbine Grant to AVEC
H. Water/Sewer Rate Hike - Frank Neitz
I. RUBA Assessment - When will this possibly be implemented - Frank Neitz
J. AVEC - The Interconnect Agreement for the Pool Wind Mill - Frank Neitz

VIII. NEW BUSINESS
A. Location of 4th Well for City Subdivision Water Treatment Plant
B. Cigarette Tax Money Funds for the existing Boardwalks, Trails, etc. - Scott Guinn

IX. DIRECTOR'S REPORT
IX. MEMBER COMMENTS
X. ADJOURNMENT

Betsy Jumper, Recorder, Public Works Department
Posted: May 15, 2014 - AC, Post Office, Swanson's, City Hall

Special Order of Business

OFFICE OF THE CITY CLERK
CITY OF BETHEL
P.O. BOX 1388
BETHEL, AK 99559
Phone: (907) 543 1384
Fax: (907) 543 3817
WWW.CITYOFBETHEL.ORG

PUBLIC REQUEST FOR INFORMATION

Individual or Agency Making Request: KYUK Radio, et al.		Date: 5/6/2014
Address: P.O. Box 468, Bethel, AK 99559		
Day Phone: 907-543-0225	Fax: 907-543-3130	E-Mail: daysha@kyuk.org
Please describe in detail the information/documents requested:		
see attached: legal review/investigation established 2/11/14, delivered to City of Bethel 5/2/14		

ACKNOWLEDGEMENT OF PAYMENT

I understand I will be charged a fee for each page that I am requesting to be copied, faxed, emailed, or mailed and that if it is determined that my request will require more than five hours of staff time to prepare, I will pay, upon notification, the personnel costs required to complete each task and/or copying tasks. I further understand that this request is available for public review and will be kept on file in accordance with City records policy.

CERTIFICATE OF NON-LITIGATION AFFILIATION I hereby certify that: I am not involved in litigation with the City of Bethel or another public agency to which the requested record is relevant and I am not acting on behalf of or otherwise representing any person who is involved in litigation with the City of Bethel or another public agency to which the requested recorded is relevant. I certify under penalty of perjury, that the foregoing statements are true.

Daysha Eaton, et al.	Daysha Eaton	5/6/2014
Printed Name	Signature	Date

City Staff Use: Date Due: 5/13/14 Received By: Lori Strickler Approved/Denied

Way Of Delivery: Pick-Up Mail Fax E-Mail

Payment Amount Due: _____ Payment Received: _____ Date Complete_____

May 6, 2014
P.O. Box 468
Bethel, AK 99559

Dear City of Bethel Clerk Lori Strickler,

This is a request under City of Bethel Municipal Code Chapter 2.40: *Access to Public Records,* Alaska Statutes Secs. 40.25.100 to 40.25.220 *Public Record Disclosures,* and the Freedom of Information Act.

KYUK Radio, the Alaska Public Radio Network, Tundra Drums, the Delta Discovery, the Associated Press, and the Centralia Chronicle formally request a copy of the legal review and investigation established on February 11, 2014, completed by a third party attorney, and delivered to the City on May 2, 2014.

Disclosure of the requested information is in the public interest because it is likely to contribute to public understanding of the operations or activities of the city government of Bethel and is not primarily in a commercial interest.

I ask that the document be delivered in digital format. However, if that is not possible, or if the document does not exist in that manner, I agree to pay any reasonable copying fee. Please provide a receipt indicating the charges for each document.

If you deny all or any part of this request, please cite each specific exemption to justify your withholding of information. Also, please notify me of appeal procedures available under the law.

Please contact Daysha Eaton at KYUK Radio, who is coordinating this joint request with any questions.

Sincerely,

Daysha Eaton Ben Matheson

KYUK Radio, Daysha Eaton, News Director, and Ben Matheson, Reporter, P.O. Box 468 Bethel, AK, 99559 daysha@kyuk.org 907-543-0225.

Alaska Public Radio Network, Lori Townsend, News Director, 3877 University Dr, Anchorage AK 99508-4676. ltownsend@alaskapublic.org 907-550-8452.

Tundra Drums, Zachariah Bryan, Editor, P.O. Box 184, Bethel, AK 99559 zbryan@thetundradrums.com 907-224-4888.

Delta Discovery, Greg Lincoln, Editor, P.O. Box 1028, Bethel, AK 99559 realnews@deltadiscovery.com 907-543-4113.

The Associated Press, Mark Thiessen, Alaska News Editor, 750 W. 2nd Ave., Suite 102, Anchorage, AK 99501. mthiessen@ap.org 907-272-7549.

The Centralia Chronicle, Stephanie Schendel, Reporter, 321 N. Pearl St, Centralia, WA 98531 sschendel@chronline.com 360-807-8208.

CITY OF BETHEL

P.O. Box 1388 Bethel, Alaska 99559
907-543-2047
FAX # 543-3817

May 12, 2014

KYUK Radio, et al.
Daysha Eaton
P.O. Box 468
Bethel, AK 99559

Dear Ms. Eaton:

The City Clerk's Office received a Public Request for Information from KYUK Radio, et al., represented by Daysha Eaton, dated May 6, 2014. The subject of the request is, "Legal review/investigation established 2/11/2014, delivered to City of Bethel 5/2/2014".

The information requested under this Public Request for Information, is not available for public disclosure. The investigation is still ongoing. Any advice provided to the City Council with respect to the ongoing investigation is an attorney-client communication and work-product and will not be disclosed because it could relate to potential litigation.

Sincerely,

Lori Strickler
City Clerk

Enc.

Public Request for Information from KYUK Radio, et al. dated May 6, 2014.

May 13, 2014
KYUK Radio
P.O. Box 468
Bethel, AK 99559

Dear Bethel City Council,

This is an appeal to a request under City of Bethel Municipal Code Chapter 2.40: *Access to Public Records*, Alaska Statutes Secs. 40.25.100 to 40.25.220 *Public Record Disclosures*, and the Freedom of Information Act.

This is in response to the city clerk's letter dated May 12, 2014 declining to disclose the "City of Bethel Legal Review/Investigation established on February 11, 2014 and delivered to the City on May 2, 2014." The letter indicates that any legal advice is considered attorney-client communication and thus confidential.

To be considered attorney client communication, the communication must pass a multipart test, including that the communication be done for the purpose of seeking, obtaining, or providing legal assistance to the client.[1] The motion passed by council February 11, 2014, directed the city attorney to hire outside counsel to investigate several subjects. The motion made no reference to actual or potential litigation.

The only reference to legal advice was "legal analysis of the city ordinance regarding nepotism and the current violations of that ordinance."[2] The approved minutes show slightly revised language.[3]

The motion made no reference to the creation of an attorney client work product, which the city clerk cites in the rejected request for information. Courts have found that a document constitutes an attorney-client work product only if "the primary motivating purpose behind the creation of the document was to aid in possible future litigation."[4]

The entirety of the investigative work done by the attorneys does not constitute legal advice. Internal audits would have revealed information important to the public record. That an attorney conducted the investigation does not make the results legal advice. The city cannot hide information simply by outsourcing the audit work to a law firm.

We understand that certain personnel information cannot be disclosed. Similarly, we are not requesting the specific legal advice; we are seeking the facts on confirmed violations of city

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[1] *United States v. United Shoe Machinery Corp.*, 89 F. Supp. 357 (D. Mass. 1950)
[2] Bethel City Council Meeting, February11, 2014, transcript from recorded audio.
[3] Bethel City Council minutes from February 11, 2014, published in February 25, 2014 board packet.
[4] *United States v. El Paso Co.*, 682 F.2d 530, 542 (5th Cir. 1982).

code. The council has confirmed violations in areas of "procurement, leave, nepotism, credit card usage, personnel policies and travel and training policies."[5]

As the council undertakes remedial actions, and terminates city leadership, the public should know the extent of the violations and be fully prepared to participate in the process of refining municipal code and city policies.

This is of further public importance as public funds are involved; the council approved spending $40,000. Contrary to the city clerk's letter, Mayor Klejka stated May 12th that the investigation is complete.

If you deny all or any part of this request, please cite each specific exemption to justify your withholding of information. Also, please notify me of appeal procedures available under the law.

Attached is a transcript of the motion made February 11, 2014.

Sincerely,

KYUK Radio, Daysha Eaton, News Director, and Ben Matheson, Reporter, P.O. Box 468 Bethel, AK, 99559 daysha@kyuk.org 907-543-0225.

Alaska Public Radio Network, Lori Townsend, News Director, 3877 University Dr, Anchorage AK 99508-4676. ltownsend@alaskapublic.org 907-550-8452.

Tundra Drums, Zachariah Bryan, Editor, P.O. Box 184, Bethel, AK 99559 zbryan@thetundradrums.com 907-224-4888.

Delta Discovery, Greg Lincoln, Editor, P.O. Box 1028, Bethel, AK 99559 realnews@deltadiscovery.com 907-543-4113.

The Associated Press, Mark Thiessen, Alaska News Editor, 750 W. 2nd Ave., Suite 102, Anchorage, AK 99501. mthiessen@ap.org 907-272-7549.

The Centralia Chronicle, Stephanie Schendel, Reporter, 321 N. Pearl St, Centralia, WA 98531 sschendel@chronline.com 360-807-8208.

[5] Bethel City Council Special Meeting, May 5, 2014

February 11, 2014 Council Meeting

Council Member Springer: We want to make it in the form of a motion. And the motion will be for the council to direct the city attorney to employ outside counsel on behalf of the city council at a cost to not exceed 40,000 dollars to investigate city contracts and agreements on demolition of old police station, agreements with the former city finance director, both prior to his resignation and post that as a consultant, any agreements or lackthereof for use of city property by private individuals.

And then you had another one in there before…

Mayor: management leave

Springer: The financial accounting of leave hours by salaried city employees who are not subject to collective bargaining agreement over the last year

And a review including a legal analysis of the city ordinance regarding nepotism and the current violations of that ordinance.

Mayor: and investigation into possible inappropriate

Springer: and an investigation of employees complaints about inappropriate …and investigation of employee complaints regarding department managers.

Mayor: no
Springer, no, we're getting close

Unintelligible

What we're doing is defining the scope of what we we want this outside counsel to look at for us.

Mayor inappropriate intimidation of employees of employees by management
Springer is there appropriate intimidation?

Mayor: Possible inappropriate intimidation of employees by management.

Springer: Ok

Mayor: Does that sound right?

Springer: So moved.

***

CITY OF BETHEL

P.O. Box 1388 Bethel, Alaska 99559
907-543-1384
FAX # 543-3817

May 19, 2014

KYUK Radio, et al.
Daysha Eaton
P.O. Box 468
Bethel, AK 99559

Dear Ms. Eaton:

In accordance with Bethel Municipal Code 2.40.100, you have submitted an appeal to the decision of the City Clerk, to the City Council, on the Public Records Disclosure denial dated, May 13, 2014.

The Bethel City Council will hear your appeal at their regularly scheduled City Council Meeting, May 27, 2014. The appeal hearing will fall under Special Orders of Business. The Council will hear the statement from you, the Appellant and provide their decision on the appeal by the end of the meeting.

KYUK et al. will need to identify a spokes person to speak before the Council on the appeal. If you would like call in information for the others involved in the appeal, please contact the City Clerk's Office.

Sincerely,

Lori Strickler
City Clerk

Enc.

Public Request for Information from KYUK Radio, et al. dated May 6, 2014.

Unfinished Business

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 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.

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.~~

~~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. 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
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
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
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
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
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

B. 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

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

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

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

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~~	~~$165.63~~	~~$110.88~~

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

~~H.~~ E. ~~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~~ Metered service per one thousand (1,000) gallons: ~~twenty-six dollars and fifty cents ($26.50) per one thousand (1,000) gallons~~;

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).~~

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
$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:

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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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

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
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

Introduced by: City Council (AM 13-31)
Date: April 22, 2014
Public Hearing: May 13, 2014
May 27, 2014
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

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 five dollars ($5) 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. 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)~~: ~~thirty-three dollars and ninety-two cents ($33.92) 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.~~

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

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

~~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.

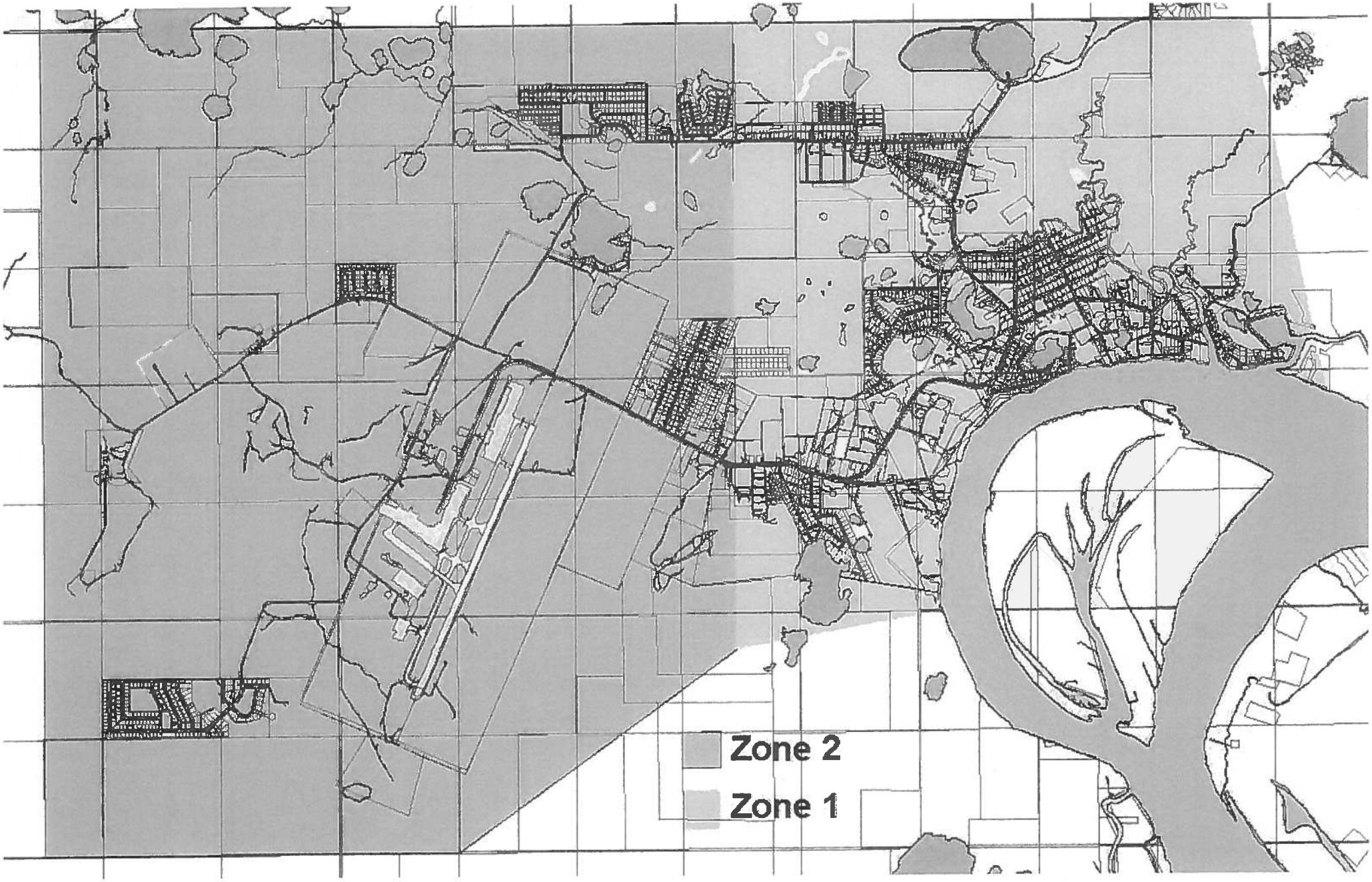
Joseph A. Klejka, Mayor

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

ATTEST:

_____

Lori Strickler, City Clerk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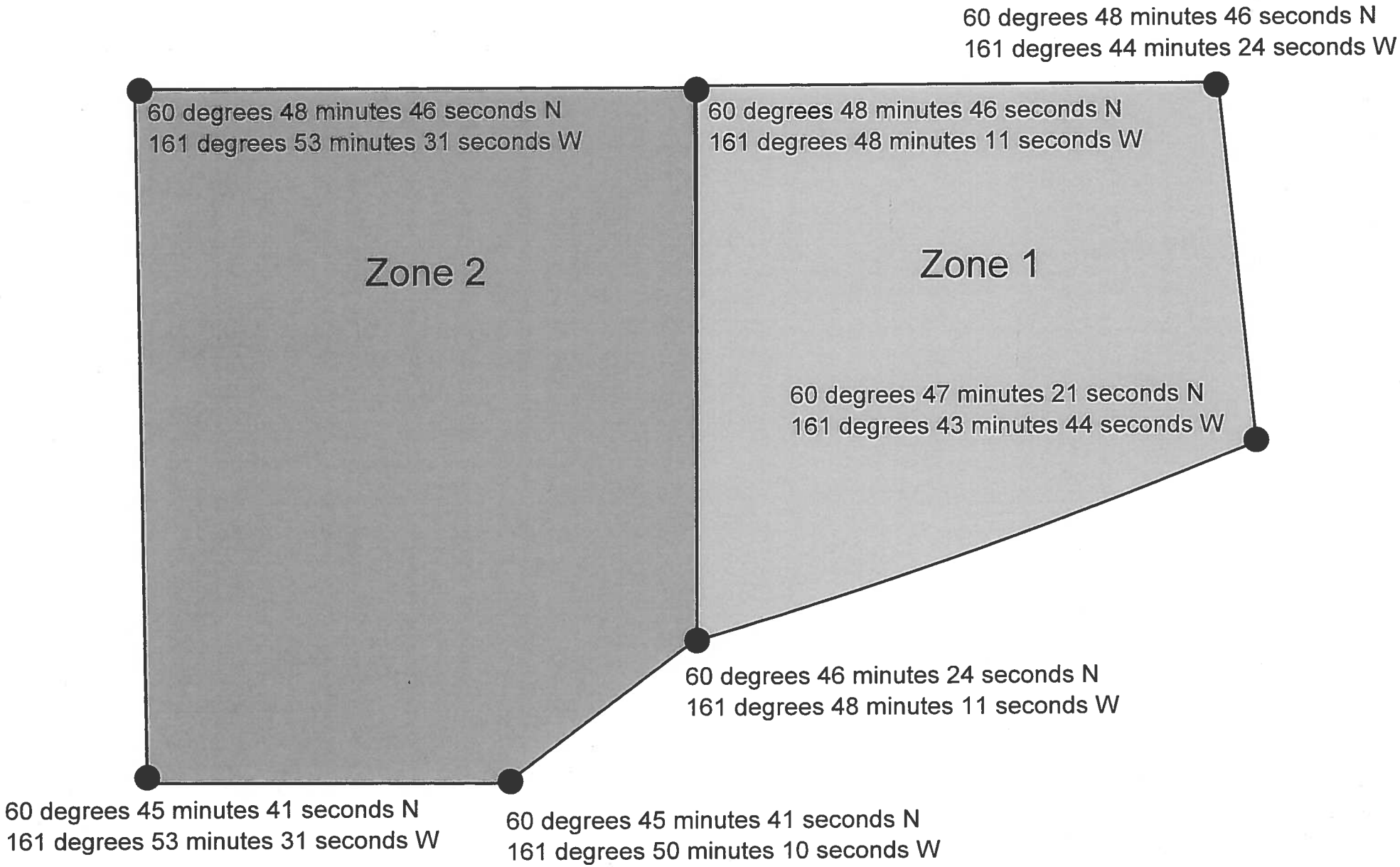
Zone 1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NOTES FROM CITY CLERK

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 identified in the Hauled Water Zone Map available at the City Offices.

B. "Hauled Water Zone Two (2)" 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~~ 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.~~

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

Comment [ls1]: We had concerns on how to best define the two zones and felt this would be the best approach.
The map provided will need to be modified slightly to prevent confusion on where the two zones are divided but ultimately, at this point in time zone two would include, Kasayuli, Larson, Blueberry, area near the airport and Tundra Ridge.
We decided to provide a map rather than list out subdivisions to make sure all of Bethel is included, even if new subdivisions are established.

Comment [ls2]: This definition is to address the changes made to the Water Title passed by Council last month. Additionally, with the goal of eventually having everyone on a metered system, this would insure commercial users currently on the metered system would remain on the metered system and to help insure multi dwelling units with only one connection are being charged for the amount of water used, rather than a flat rate.

Comment [ls3]: The charges provided below are based off of the actual cost of service not included in the Study but as an addendum. The rates begin FY 2014 and are provided through FY 2018 although the Council asked for a continuation through FY 2020. It has been suggested to keep the ordinance rate list through FY 2018 then reassess the situation to see if the continued increases are necessary. For Water Rates, the continued increases would be 4% annually after FY 2018 – FY 2020.

For Sewer Rates, the continued increases would be 4% in FY 2019 then 3% for FY 2020.

~~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~~
-	-	-	-

NOTES FROM CITY CLERK ON ORD. 14-12

~~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~~

NOTES FROM CITY CLERK ON ORD. 14-12

-	~~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~~

NOTES FROM CITY CLERK ON ORD. 14-12

-	~~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~~

NOTES FROM CITY CLERK ON ORD. 14-12

-	~~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~~

NOTES FROM CITY CLERK ON ORD. 14-12

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

Zone 1 Hauled Water Rates

Monthly Rates Zone 1, Hauled Water FY2014 Through June 30, 2014

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

Comment [ls4]: Beginning with the Cost of Service for FY2014 and increase at a rate of 8% in FY15, 8% FY16, and 4% FY17 and FY18 for water rates.

NOTES FROM CITY CLERK ON ORD. 14-12

Monthly Rates Zone 1, Hauled Water FY2015 July 1, 2014 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	$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 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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

B. 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 FY2014 Through June 30, 2014

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 FY2015 July 1, 2014 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	$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 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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

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	$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~~

NOTES FROM CITY CLERK ON ORD. 14-12

~~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.~~ C. ~~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.

Comment [ls5]: The City of Bethel does supply water to individuals who require an inside fill meaning, there are no external connections to supply water; the utility driver must go inside the home to provide the service.

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

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

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

Comment [ls6]: Throughout the Ord. the term "residential" and "commercial" are removed. It was determined to be inappropriate to charge commercial customers more simply because they are commercial.

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

Comment [ls7]: See Exhibit 4-8.

FY 2014 Through June 30, 2014	FY 2015 July 1, 2014 – 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
$210.24	$227.06	$245.22	$255.03	$265.23

2. ~~Residential/commercial~~ Metered service per one thousand (1,000) gallons: ~~twenty six dollars and fifty cents ($26.50) per one thousand (1,000) gallons;~~

Comment [ls8]: See Exhibit 4-8.

FY 2014 Through June 30, 2014	FY 2015 July 1, 2014 – 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
$41.35	$44.66	$48.23	$50.16	$52.16

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

Comment [ls9]: See Definitions Section.

~~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).~~

Comment [ls10]: This could be accomplished by adjusting the amount of water distributed meaning:
22 Gallons provided for $0.75 in FY14
20.7 Gallons provided for $0.75 in FY 15
19.1 Gallons provided for $0.75 in FY 16
18.3 Gallons provided for $.75 in FY 17
17.6 Gallons provided for $.75 in FY 18

FY 2014 Through June 30, 2014	FY 2015 July 1, 2014 – 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
$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:

Comment [ls11]: Beginning with the Cost of Service for FY2014 and increase at a rate of 5% in FY15, 4% FY16, FY17 and FY18.
Sewer rates are set to drop from a 4% increase annually to a 3% increase annual come FY 20.

Monthly Rates, Hauled Sewer FY2014 Through June 30, 2014

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 FY2015 July 1, 2014 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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

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	$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

NOTES FROM CITY CLERK ON ORD. 14-12

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	$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 five dollars ($5) 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.~~

NOTES FROM CITY CLERK ON ORD. 14-12

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

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): thirty three dollars and ninety two cents ($33.92) per month per dwelling unit;~~

Comment [ls12]: See Exhibit 4-14

FY 2014 Through June 30, 2014	FY 2015 July 1, 2014 – 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
$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.~~

FY 2014 Through June 30, 2014	FY 2015 July 1, 2014 – 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
$9.55	$10.03	$10.43	$10.85	$11.28

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

~~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.

Comment [ls13]: The Utilities Dept. had concerns that when getting an extra call for water service without an extra call for sewer services, there could potentially be an overflowing of the sewer tank. This was established to prevent that from occurring.

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).

Comment [ls14]: This charge was increased from $75 to $150 to better reflect the actual costs for the after hours service.

13.16.040 Renewal and replacement fund recovery rate:

Comment [ls15]: See Exhibit 5-5. Annual Target amount of $500,000.

Check with Hansel to make sure this can be set aside assuming the full account is fully funded (in the black)

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:

Comment [ls16]: See Exhibit 5-5.

Based on an estimated usage 5;000 gallons per month.

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.~~

Comment [ls17]: The extra call fee already includes the costs associated with processing the request.

~~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.

NOTES FROM CITY CLERK ON ORD. 14-12

~~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.

Comment [ls18]: Senior Citizen Sales Tax Credit applied to individuals 65 and older.

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.~~

Comment [ls19]: Section removed, it is listed in the Water Services Title passed by Council last month.

~~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.

Comment [ls20]: These subsections would required owners of non-residential unites to have meters installed. The Council should consider a date they feel would be appropriate if not 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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

Ordinance #14-12

AN ORDINANCE AMENDING BETHEL MUNICIPAL CODE SECTION 13.16 UTILITY RATES

Chapter 13.16
Utility Rates

13.16.010 Definitions

A. "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.

B. "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~~ 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)~~ twenty-five dollars ($25) monthly per water subscription for ~~facility charges to recover the cost of water system capital improvements and depreciation~~ renewal and replacement fund recovery. The renewal and replacement fund recovery subscription fee will increase by six dollars on July 1, 2016, July 1 2017, July 1, 2018, July 1, 2019 and July 1, 2020.

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	Water	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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

	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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

	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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

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

C. Extra Call Rates.

1. ~~Residential/commercial~~ Extra call/haul, 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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

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

2. 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.

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

3. Extra call/haul after hours shall be the normal hours rate plus one hundred fifty dollars ($150).

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

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

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

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

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;

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

4. 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).

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 mad

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 twenty- five dollars ($25) 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. 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): thirty-three dollars and ninety-two cents ($33.92) per month per dwelling unit;

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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

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

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~~ 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

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.

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:

_____

Suggested Amendments from Council Member Pike. This document would completely replace the proposed ordinance.
Lori Strickler, City Clerk

City of Bethel Water and Sewer Cost Allocation and Rate Study

Prepared for

City of Bethel

April 2013

CH2MHILL®

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Contents

Exhibits

Executive Summary

Introduction

In September 2012, the City of Bethel (the City) retained CH2M HILL to update its water and sewer rates and conduct a cost of service analysis of the water and sewer utility. The purpose of the update is to project the costs of operating each system through FY 2023, to establish rates to make each utility financially self-sufficient, and to estimate annual depreciation costs.

Financial Plan

The building blocks of the financial plan are the projections of costs that the City will incur during the 10-year planning period, fiscal year 2013/14 through fiscal year 2022/23, and the revenues, under existing rates, which the City expects to generate during the same period. The financial plan is based on a set of overall assumptions related to customer growth, inflation, and other factors.

For this analysis, the water and sewer utility were analyzed as separate enterprise funds, with each utility expected to generate sufficient revenues to cover its projected costs. For those revenues that are shared between the water and sewer utility (i.e. Miscellaneous Revenues), revenues were allocated based on each utility's share of total revenues. For expenditures that are shared between the utilities (i.e. Utility Billing), costs were allocated based on number of customers.

Revenue Requirements

The costs in the plan that are to be funded from annual revenues are referred to as 'revenue requirements' for rate-making purposes. The financial plan was developed using the cash-needs approach to projecting total revenue requirements for the utility. The basis of the cash-needs approach is that the revenues of the utility must be sufficient to cover all cash needs over the analysis period, including current or projected debt obligations. The cash-needs approach does not include depreciation expense, which is a non-cash item.

Total requirements are composed of:

- Operations and maintenance costs, including administrative and support services.
- Annual capital improvement projects funded directly from rate revenues and reserves.
- Debt service requirements for existing and projected debt issuances.
- Transfers to the City's general fund and other funds for indirect and direct services provided to the utility (i.e. Administrative and IT services). Interfund services are included in the utility's operating expenses.

In addition, annual requirements include operating contingencies equal to 30 days of annual O&M costs. However, 100 percent of annual contingencies are assumed to be unspent and roll forward to subsequent year beginning balances.

The City does not have any existing debt service expenditures, and future capital outlays are all assumed to be 100% grant funded, thus there are not any capital improvement projects that will be funded from rate revenues, nor are there any future debt service costs.

The City currently collects, in addition to its water and sewer rates, a $5 monthly fee per customer to fund a renewal and replacement account. Funding of this account and the structure of this renewal and replacement charge is considered separately from the water and sewer rates.

Revenue requirements were projected based on data provided by the City, including actual revenues and expenditures for FY 2008/09 through FY 2010/11 and adopted budgets for FY 2011/12 and FY 2012/13.

Rate Impacts

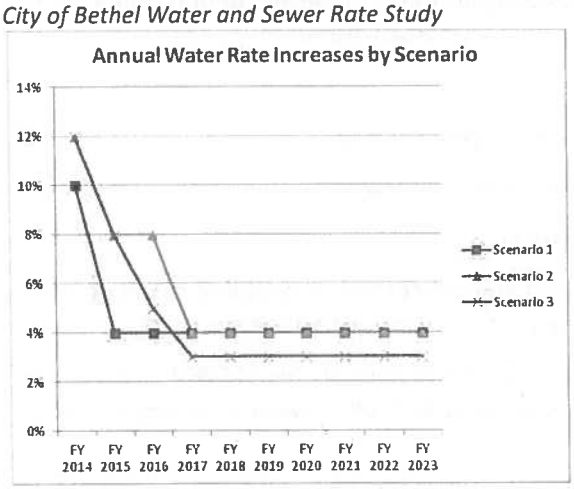
Currently, the water and sewer utility is not generating adequate revenues to cover operating expenses. In FY 2010/11, the Water and Sewer Utility fund received an interfund transfer from the General Fund in the amount of $667,000 to offset operating losses. In the next two budget cycles, the Water and Sewer Utility Fund is expected to require additional transfers from the General Fund to cover operating expenses, unless an offsetting rate revenue adjustment is made. Additional rate revenue is required to set the utility on a path towards financial stability.

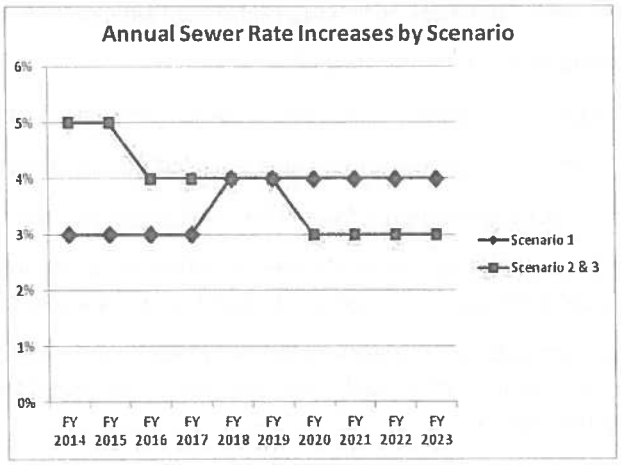
Three different scenarios were analyzed:

- Scenario 1: This scenario assumes the water and sewer utility fund will continue to receive transfers from the General Fund to help offset operating losses. The amount of the transfer will be approximately $450,000 per year with $300,000 going towards the water utility and $150,000 towards the sewer utility.
- Scenario 2: This scenario will phase out the annual transfers from the General Fund over three years and program the appropriate water and sewer rate increases required for the utility to achieve full cost recovery. This scenario also builds in an operating contingency of 30 days of operating expenses. However, 100 percent of annual contingencies are assumed to be unspent and roll forward to subsequent year beginning balances.
- Scenario 3: Scenario 3 includes the same assumptions as Scenario 2. It also assumes piped water service will be extended to the Institutional Corridor. This adds about $320,000 in operating expenses, beginning in FY 2016. However, it also adds about $456,000 in revenues beginning in FY 2016.

Exhibit ES-1 presents the projected annual rate revenue adjustments under each scenario. Under Scenario 1, water rates would be increased by 10 percent increase in FY 2013/14 and 4 percent increases in each of the following years. The sewer utility increases will be three to four percent per year for the entire analysis period.

EXHIBIT ES-1
Annual Water and Sewer Rate Increases by Scenario
City of Bethel Water and Sewer Rate Study





When compared to Scenario 1, Scenario 2 projects a larger increase in revenue requirements because the transfer from the General Fund is phased out by FY 2015/16 and an operating contingency has been introduced. However, the larger increases also provide the utility with a growing ending balance that reaches approximately $1.2 million at the end of the analysis period.

Scenario 2 would implement a 12 percent increase in water rates in FY 2013/14, 8 percent in FY 2014/15 and FY 2015/16, and 4 percent increases each of the following years. The sewer utility would need to adopt 5 percent increases from FY 2013/14 through FY 2014/15, 4 percent increases from FY 2015/16 through FY 2108/19 and 3 percent increases the remaining years of the analysis.

Under Scenario 3, the additional revenues from the Institutional Corridor are expected to more than offset the additional costs of serving these customers, and thus result in slightly smaller rate increases when compared to Scenario 2. This scenario will also provide the utility with the largest ending balance that reaches approximately $1.3 million by the end of the analysis period.

Scenario 3 assumes the City would implement a 12 percent increase in water rates in FY 2013/14, an 8 percent increase in FY 2014/15, a 5 percent increase in FY 2015/16, and 3 percent increases in each of the following years. The sewer rates would experience the same rate increases as Scenario 2.

Financial Plan Summary

Based on the study findings summarized in previous sections, the City will need to consider increasing rates in future years to continue to meet the financial needs of the system under any of the scenarios analyzed. Scenario 1 will result in the smallest rate impact as the transfers from the General Fund will help offset operating losses. However this scenario is not a long-term, financially sustainable solution if the goal is to make the water and sewer utility self-sustaining. Both Scenarios 2 and 3 put the water and sewer fund on a stronger financial path and establish similar reserves by the end of the analysis. Scenario 2 requires slightly larger rate increases than Scenario 3 because it does not have the benefit of the additional revenues projected from the addition of the Institutional Corridor customers.

Subsequent analyses presented in this report utilized the revenue requirements developed for Scenario 2 as this scenario puts the water and sewer utility on a path towards financial sustainability.

The projected rate increases presented are based on the available data and assumptions developed by the City and CH2M HILL as of March 2013. The City should review the financial plan regularly to ensure actual revenues and expenditures are tracking with the projections developed in this analysis. The City should review the financial plan annually and adjust the rates as needed to reflect current conditions and assumptions.

Allocation of System Costs

Water System Cost Allocations

A cost of service analysis for the water system was conducted. This analysis allocated the system costs to system functions (water treatment, piped water distribution, hauled water distribution, etc.). The costs allocated to each system function were then allocated to users based on their use of those functions. Thus piped water system customers were allocated a portion of the water treatment costs based on their share of the total water treated, and all of the piped water costs.

Exhibit ES-2 presents a summary of the customer class service characteristics. Hauled water customers are charged based on the capacity of their water tank while metered piped customers are billed on consumption. It was assumed that provide service to customers in Zone 2 of a two zone system takes about twice as long to serve as customers located closer to town.

EXHIBIT ES-2
Water Service Characteristic Billing Units by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study

User Characteristics	Hauled	Piped	Total
No. of Customers	1,037	435	1,472
Plant Demand	31,057,646	46,263,490	77,321,136
% of Total Demand	40%	60%	
Estimated Billed Capacity/Usage	45,646,250	32,409,741	77,322,608
Residential Piped Usage Estimate		23,678,156	
Commercial Piped Usage Estimate		8,731,585	

EXHIBIT ES-2
Water Service Characteristic Billing Units by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study

User Characteristics	Hauled	Piped	Total
Single Zone Total Equivalent Deliveries	58,070		58,070
Two-Zone Total Equivalent Deliveries			
Zone 1	38,154		
Zone 2	39,832		

The unit costs are presented in **Exhibit ES-3**. Based on the unit costs calculated in **Exhibit ES-3** and the demands for service at the customer class level presented in **Exhibit ES-2**, the service characteristic costs associated with providing service to each customer class are calculated.

EXHIBIT ES-3
Development of Billing Unit Costs, FY 2013
City of Bethel Water and Sewer Rate Study

Unit Costs	Hauled	Piped	Unit
Billing	$4.32	$4.32	$/customer/month
O&M Treatment Plants	$9.91	$26.07	$/1000 gallons
Piped Water	NA	$10.61	$/1000 gallons
Hauled Water-pumping	$14.05	NA	$/1000 gallons
One Zone Hauled Water-logistics	$13.42	NA	$/delivery
Two Zone Hauled Water-logistics			
Zone 1	$9.99	NA	$/delivery
Zone 2	$19.98	NA	$/delivery

The summary of all service characteristic costs for a specific customer class is the estimated cost of service for that class and from a cost of service standpoint is the measure of rate revenue that under equitable conditions would be recovered from that class. These customer class costs for FY 2013 for the water system are presented in **Exhibit ES-4.** The cost per thousand gallons of water produced for the hauled and piped system is $62.04 and $26.18, respectively. Based on this metric, it cost over twice as much to produce and deliver water to the hauled system than the piped system. It should be noted that the production cost may differ from the billing rate as the billing units may differ from production units. For example, the hauled customers are billed based on tank capacity and not on actual usage.

EXHIBIT ES-4
Development of Estimated Customer Class Cost of Service, FY 2013
City of Bethel Water and Sewer Rate Study

Cost Center	Hauled	Piped	Total
Billing	$53,708	$22,510	$76,218
O&M Treatment Plants	$452,575	$845,051	$1,297,626
Piped Water	0	$343,742	$343,742
Hauled Water-pumping	$641,440	$0	$641,440

EXHIBIT ES-4
Development of Estimated Customer Class Cost of Service, FY 2013
City of Bethel Water and Sewer Rate Study

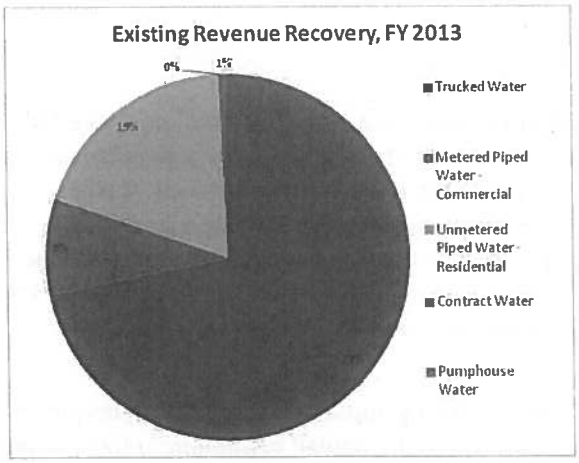
Cost Center	Hauled	Piped	Total
Hauled Water-logistics	$779,090	$0	$779,090
Total	$1,926,813	$1,211,304	$3,138,117
% of Total Cost	61%	39%	
Total Water Produced	31,057,646	46,263,490	77,321,136
$/000 gallons Produced	$62.04	$26.18	$40.59

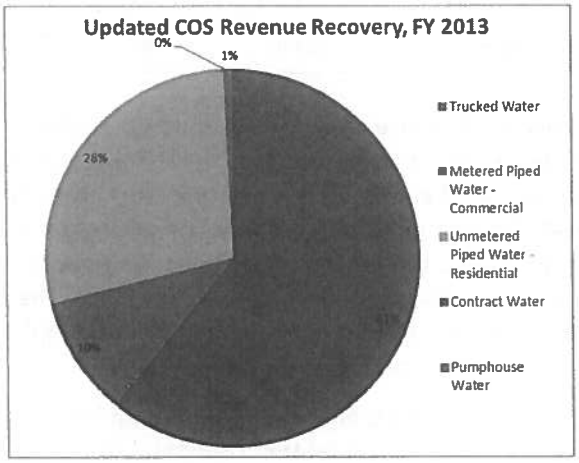
Providing service to the hauled water system requires 9 service trucks driving approximately 9,500 miles per year per truck, or nearly 86,000 miles total. The total cost of providing service to the hauled system, including water treatment, water supply, and pumping costs, was estimated to be nearly $1.9 million. The average cost per mile for providing service to the hauled water system is approximately $23.00 per mile.

For the piped system, there is approximately 66,000 linear feet of water pipe and service lines. The total cost of providing service to the piped system was estimated to be approximately $1.2 million. The average cost per linear foot of water pipe is approximately $18.00 per linear foot. It should be noted that it is not an equitable evaluation to compare the cost per mile for the hauled system to the cost per linear foot of the piped system.

Exhibit ES-5 presents a comparison of the current distribution of costs between the water system's customers and the results of the cost of service analysis. The results of the cost of service analysis show that hauled water customers are responsible for 61 percent of the total water system revenue requirements versus 72 percent under the water system's existing rates. Piped residential customers are responsible for 29 percent of total requirements under cost of service and 19 percent under existing rates. When compared to existing revenues, piped residential customers were allocated a larger share of revenue recovery responsibility based on the results of this cost of service analysis.

EXHIBIT ES-5
Water Cost of Service Revenue Recovery by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study





Sewer System Cost Allocation

A cost of service analysis was also prepared for the sewer system. The sewer system costs were allocated to system functions and then to users following a similar process to that used for the water system. **Exhibit ES-6**

presents a summary of the customer class service characteristics. Using the summary measures of the various service characteristic units developed in this table in conjunction with the revenue requirements allocated to the service characteristics, unit costs associated with each service characteristic can be calculated.

EXHIBIT ES-6
Sewer Service Characteristic Billing Units by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study

User Characteristics	Hauled	Piped	Total
No. of Customers	1,125	474	1,599
Total Effluent	27,951,881	63,941,924	91,893,806
% of Total	30%	70%	
Estimated Billed Capacity/Usage	55,946,850	63,941,924	
Commercial		42,631,584	
Residential		21,310,340	
Total Equivalent Deliveries	48,168		

The unit costs are presented in **Exhibit ES-7**. Based on the unit costs calculated in **Exhibit ES-7** and the demands for service at the customer class level presented in **Exhibit ES-6**, the service characteristic costs associated with providing service to each customer class are calculated.

EXHIBIT ES-7
Development of Billing Unit Costs, FY 2013
City of Bethel Water and Sewer Rate Study

Unit Costs	Hauled	Piped	Unit
Billing	$4.68	$4.68	$/customer/month
O&M Lagoon	$0.70	$1.41	$/1000 gallons
Piped Sewer	$1.49	$7.69	$/1000 gallons
Hauled Sewer-pumping	$15.87	NA	$/1000 gallons
Hauled Sewer-logistics	$14.87	NA	$/equivalent delivery

The summary of all service characteristic costs for a specific customer class is the estimated cost of service for that class and from a cost of service standpoint is the measure of rate revenue that under equitable conditions would be recovered from that class. These customer class costs for FY 2013 for the water system are presented in **Exhibit ES-8**. The cost per thousand gallons of effluent for the hauled and piped system is $64.05 and $9.52, respectively. Based on this metric, it cost over six times as much to collect and deliver sewage from the hauled system than the piped system. It should be noted that the production cost may differ from the billing rate as the billing units may differ from production units. For example, the hauled customers are billed based on tank capacity and not on actual sewage pumped.

Providing service to the hauled sewer system requires 7 service trucks driving approximately 9,500 miles per year per truck, or nearly 67,000 miles total. The total cost of providing service to the hauled system, including pumping costs, was estimated to be nearly $1.8 million. The average cost per mile for providing service to the hauled sewer system is approximately $27.00 per mile.

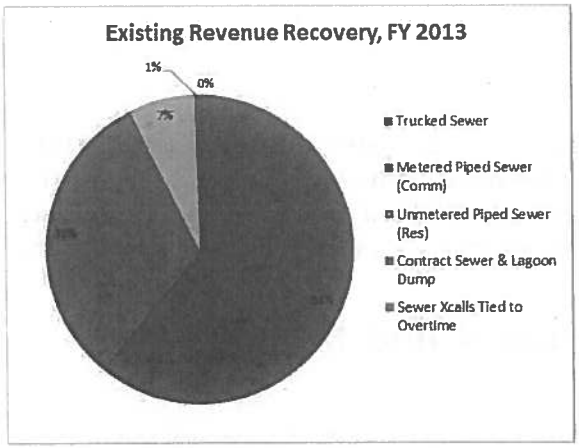
EXHIBIT ES-8
Development of Estimated Customer Class Cost of Service, FY 2013
City of Bethel Water and Sewer Rate Study

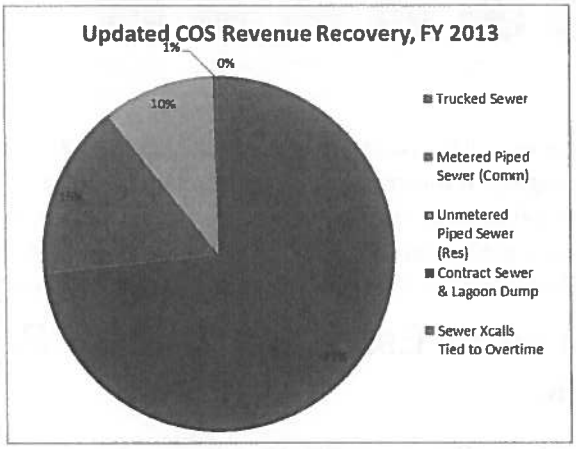
Cost Center	Hauled	Piped	Total
Billing	$63,167	$26,623	$89,791
O&M Lagoon	$39,373	$90,068	$129,441
Piped Sewer	$83,442	$491,747	$575,189
Hauled Sewer-pumping	$887,900	0	$887,900
Hauled Sewer-logistics	$716,409	0	$716,409
Total	$1,790,292	$608,439	$2,398,730
% of Total	75%	25%	
Total Effluent	27,951,881	63,941,924	91,893,806
$/000 gallons Effluent	$64.05	$9.52	$26.10

For the piped system, there is approximately 77,000 linear feet of sewer pipe and service lines. The total cost of providing service to the piped system was estimated to be approximately $608,000. The average cost per linear foot of sewer pipe is approximately $8.00 per linear foot. It should be noted that it is not an equitable evaluation to compare the cost per mile for the hauled system to the cost per linear foot of the piped system.

Exhibit ES-9 presents the revenue recovery by customer class based on the results of the cost of service analysis and the current cost recovery under the existing rates. Hauled sewer customers are allocated 73 percent of total requirements under cost of service, whereas these customers are paying approximately 61 percent of the system costs under the existing sewer rates. Piped commercial customers are allocated 16 percent of total requirements under cost of service while generating about 31 percent under the existing rates. Piped residential customers are allocated a larger share of costs under cost of service than under the existing sewer rates.

EXHIBIT ES-9
Sewer Cost of Service Revenue Recovery by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study





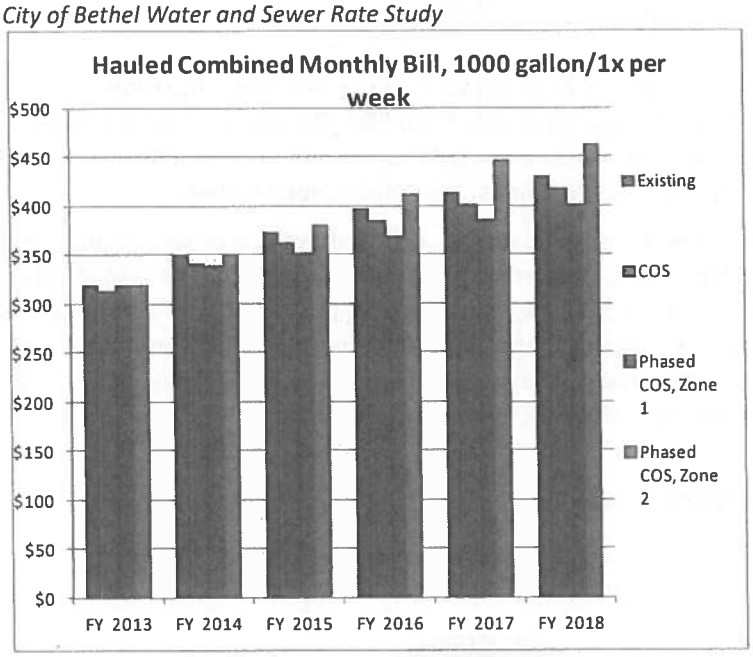
Water and Sewer Rate Design

The purpose of this section is to develop a schedule of rates that will recover system revenue requirements equitably from the customer classes based on their allocated cost of service. Cost allocations, as discussed in the previous section, determined the cost of providing service to each customer class. This section will use those cost

allocations to develop a set of proposed rates that are designed to recover the costs of serving each customer class from the users composing that class.

Sample bills under current rates, cost of service rates, and phased-in cost of service rates for hauled, flat rate residential, and piped commercial are shown in **Exhibits ES-10** through **Exhibit ES-12**. The sample bills reflect the changes in the design of the rates and include the first 5 years of proposed rate increases. The bills under existing rates represent customer bills under a uniform rate increase scenario where all existing rates would be increased by a uniform percentage and adjusted to recover the projected system costs. Under the cost of service option, bills for unmetered residential piped customers and metered commercial customers increase dramatically while a hauled customer with a 1,000 gallon tank that receives service once per week experiences a slight decrease. A customer in the proposed second zone of hauled service would experience a larger increase than under current rates as the rate reflects the higher cost to serve these customers. It should be noted that some hauled customers under cost of service rates may not experience the same percentage changes to their bills as the customer type used in this example. Under the phased cost of service approach, cost of service rates would be phased in over a four year period.

EXHIBIT ES-10
Combined Monthly Water and Sewer Bill, Hauled Customer 1000 gallon/1x per week
City of Bethel Water and Sewer Rate Study



For piped commercial customers, existing sewer rates are already above estimated COS rates. The Phased COS approach suggests not increasing the sewer rate over the next five years. Because sewer revenues for piped commercial will be generating revenues above COS levels, water rates for piped commercial under the Phased COS scenario were adjusted below the suggested COS rate. This approach will generate a combined water and sewer bill that by FY 2016/17 achieves estimated COS levels.

Allocation of Estimated System Renewal and Replacement Funding

The City currently collects a charge per customer per month that it is using to establish a renewal and replacement account for the water and sewer system. Funds in this account will be available to pay for renewal and replacement of system components as they wear out. This account is currently generating approximately $195,000 annually, but actual replacement needs are expected to be significantly greater. This section presents a high level, order of magnitude cost estimate to replace the major system components of the water and sewer system and will estimate the associated annual depreciation expense.

EXHIBIT ES-11
Combined Monthly Water and Sewer Bill, Flat Rate Piped Residential
City of Bethel Water and Sewer Rate Study

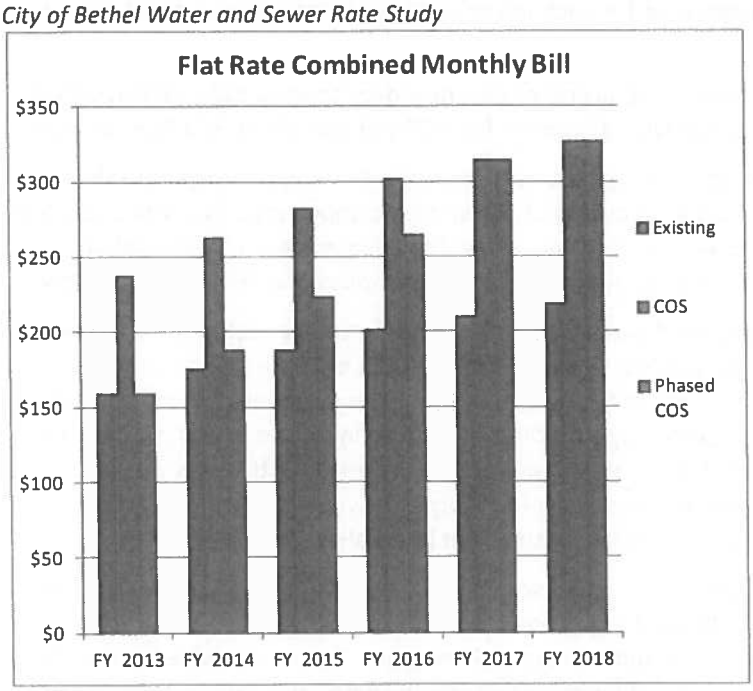
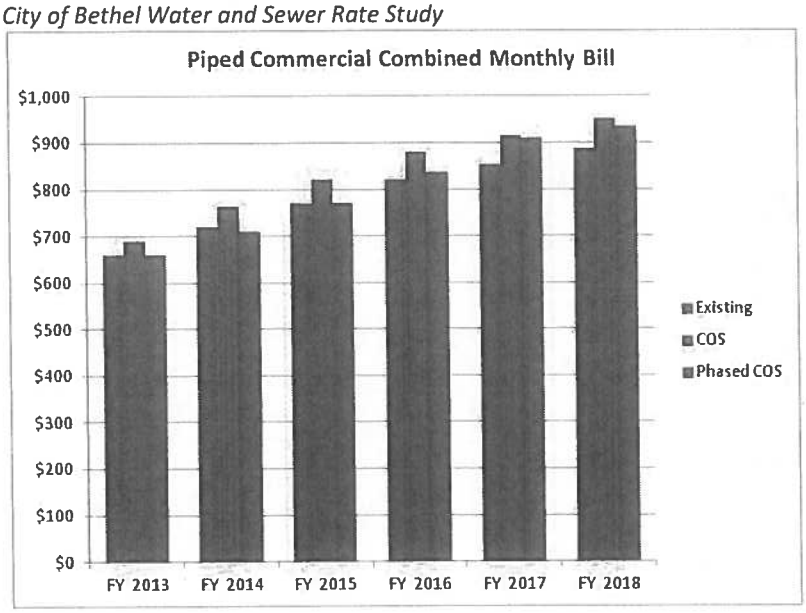


EXHIBIT ES-12
Combined Monthly Water and Sewer Bill, Piped Commercial
City of Bethel Water and Sewer Rate Study



The annual depreciation expense is an estimate of the amount that the City would need to set aside annually if it wanted to fully fund the replacement of its existing facilities using this renewal and replacement account. It should be noted that there is no requirement that the City fully fund the replacement of its water and wastewater facilities using this account, but estimating this amount provides an upper limit for determining how much could be set aside for this purpose. The estimated value of the system will be referred to as replacement cost new or RCN. It should be noted that these cost estimates were developed for the sole purpose of estimating the annual replacement cost new depreciation expense and should not be used for any other purpose beyond this report.

The estimated RCN for the water and sewer system, which includes a 15 percent contingency and a 25 percent allowance for administration and engineering, is approximately $121 million. The estimated replacement cost new depreciation expense, based on assumed design lives for each major system component was estimated at $4.3 million.

If the City were to recover the full $4.3 million in annual replacement cost new depreciation expense through its current monthly charge per customer, the monthly fee would increase from $5 per account to $116 per account.

Alternatively, instead of funding this account through a charge per customer, the City could incorporate this charge into the water and sewer volume rates. Based on their use of the system components, this would result in volume rates for the system customers that would vary by customer class. The charges per thousand gallons would range from $11.75 per thousand gallons for hauled sewer, to $27.55 per thousand gallons for piped sewer.

Fully funding the annual depreciation amount associated with the estimated replacement cost of the water and sewer system would have significant impacts on the existing customers in the form of much higher rates. The City could also consider establishing a renewal and replacement fund equal to the estimated replacement value of a critical system component or a reserve amount suggested by a funding agency. As indicated earlier, there is no requirement that the City fully fund the replacement of the water and sewer system using this renewal and replacement account. The City may want to consider a lower level of funding that would allow it to fund the replacement of system equipment, but not structures or infrastructure that generally have a long life.

Exhibit ES-13 presents the allocation of annual depreciation expenses to the different customer classes. Hauled water, piped water, and hauled sewer were each allocated approximately 20 percent of total depreciation expenses. Piped sewer received the largest allocation of approximately 40 percent. The reason piped sewer has a larger relative share of depreciation expenses is because of limited asset sharing with the hauled sewer system and shorter life of assets (i.e. lagoon and lift stations).

EXHIBIT ES-13
Allocation of Estimated Annual Depreciation Expense
City of Bethel Water and Sewer Rate Study

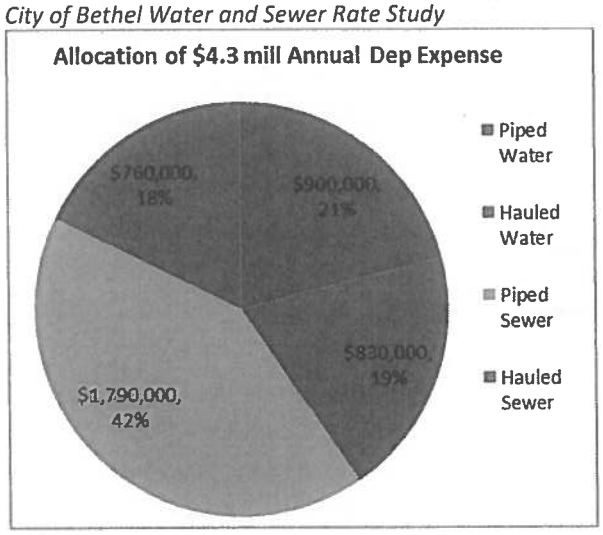


Exhibit ES-14 presents the depreciation cost per thousand gallons of billable units assuming the City funds the depreciation expense associated with full system replacement. In order to account for current contributions to capital and fleet and replacements, estimated subscription fee and fleet replacement revenues were subtracted from the estimated annual depreciation expense. It should be noted that billing units may differ from units of production. For example, hauled water and sewer customers are billed based on the capacity of the tank not on actual quantity of water used or sewage pumped. Therefore the billing units for the hauled system are higher than the production units, resulting in a lower charge per unit.

EXHIBIT ES-14
Depreciation Cost per 1,000 gallons of Billable Units
City of Bethel Water and Sewer Rate Study

	Piped Water	Hauled Water	Piped Sewer	Hauled Sewer
Annual System Depreciation	$900,000	$830,000	$1,790,000	$760,000
Less Current Contributions:				
Subscription Fees	$26,100	$62,220	$28,440	$67,500
Fleet Replacement	$0	$35,000	$0	$35,000
Subtotal	$873,900	$732,780	$1,761,560	$657,500
Billing Units (gallons)	32,409,741	45,646,250	63,941,924	55,946,850
Depreciation Cost/000 gallons	$26.96	$16.05	$27.55	$11.75

The City could use the allocation percentages presented in **Exhibit ES-13** to distribute an annual targeted amount for funding renewal and replacements among the customer classes.

Recommendations

Based on the study findings summarized in previous sections, the following recommendations are presented for the City's consideration:

1. Implement phased cost of service sewer rates in the current fiscal year (FY2013/14).
2. Implement a two zone rate structure for the hauled water system.
3. Pumphouse water should be $0.03 per gallon and increased annually by 12 percent in FY 2013/14, 8 percent in FY 2014/15 and FY 2015/16, and 4 percent in FY 2015/16 through FY 2017/18.
4. Select a renewal and replacement fund balance target and implement necessary adjustments to this charge to achieve the target over a period of five to seven years.
5. Implement a data collection process to track data commonly used in financial and engineering studies. This would include developing a consistent tracking system for water production and demand at the water treatment plants that is tracked in both manual and electronic forms. It is also suggested that customer data such as number of accounts, usage, and meter size (commercial only) be summarized and tracked on an annual basis. Finally, conducting periodic studies of the hauled system that compares delivery times between delivery areas and tracks different functions (i.e. pumping, delivery) of the system would be beneficial.
6. Increase rates as needed in future years to meet the financial needs of the systems. The projected rate increases presented herein are based on available data and assumptions developed by the City and CH2M HILL as of March 2013. The City should review the financial plan annually and adjust the rates as needed to reflect current conditions and assumptions.

SECTION 1

Introduction

1.1 Overview

In September 2012, the City of Bethel (the City) retained CH2M HILL to update its water and sewer rates and conduct a cost of service analysis of the water and sewer utility. The purpose of the update is to determine the costs of operating each system, to establish rates to make each utility financially self-sufficient, and to determine if projected operation and maintenance expenses and capital improvement costs will require additional rate increases in the future.

1.2 Introduction

The City of Bethel Public Works Department operates and maintains the water and sewer utility for approximately 1,600 customers. The utility infrastructure consists of water wells, pipes, pump stations, water and sewer trucks, water treatment plants and truck filling stations, lift stations, and a sewage lagoon. Some customers in the Bethel Heights and City Subdivision neighborhoods receive piped service while other customers receive hauled water and/or sewer service. There are some households and businesses within the service area that operate private water wells.

Approximately 400 residential dwelling units and 40 commercial customers receive piped water service. There are approximately 1,200 customers on the hauled water system. The piped sewer system provides service to 400 residential customers and 33 commercial connections.

The City's water and sewer system operate as a consolidated enterprise unit but each utility is managed to be self-supporting. The City tracks utility personnel, materials/supplies/services, and capital expenditures under the following cost centers:

- 51-80: Utility Billing
- 51-81: Hauled Water
- 51-82: Piped Water
- 51-83: Bethel Heights Water Treatment Facility
- 51-84: City Sub Water Treatment Facility
- 51-85: Hauled Sewer
- 51-86: Piped Sewer
- 51-87: Sewer Lagoon

Recently, revenues have not been sufficient to cover the cost of providing water and sewer service. The Water and Sewer Fund has relied on transfers from the General Fund to cover annual shortfalls. In the FY 2012/13 budget, the transfer from the General Fund to the Water and Sewer Utility Fund was approximately $500,000.

1.3 Scope

The scope of the analysis consisted of the following major tasks:

- Collect information and review goals and assumptions with City staff
- Prepare rate model
- Determine system revenue requirements and user characteristics
- Project system revenues
- Conduct cost allocation study
- Allocate costs to water and sewer systems and to the users of the system
- Update water and sewer rates
- Estimate system replacement cost and annual depreciation expense
- Present Results

The City's operations are reported on a fiscal year (FY) basis, running from July 1 through June 30. The cost of service analysis was based on the utilities' FY 2013 budgeted costs. System revenue requirements for this study were developed for a 10-year projection period: FY 2013/14 through FY 2022/23. Water and sewer rates were designed to sufficiently recover the utility's costs for this period. The water and sewer rates will be reevaluated in the future to ensure that sufficient revenues are generated to cover their projected costs.

It should be noted that this study assumed that prospective capital projects for the water and sewer utility would be paid fully with state or federal grant funding. This study assumes that no debt service will be needed to fund the planned improvements. The study also considers anticipated system growth rates, assumptions regarding future cost increases, and additional operating costs that may be incurred due to new capital improvements.

SECTION 2

Financial Plan

This section summarizes the first step in the rate study and presents a 10-year financial plan for the water and sewer system. The memorandum begins with an introduction to the financial plan, including the planning assumptions. This is followed by a discussion of projected water and sewer system revenue requirements and revenues. The section ends with a discussion of rate impacts, based on the current rate structure.

2.1 Assumptions

The building blocks of the financial plan are the projections of costs that the City will incur during the 10-year planning period, fiscal year 2013/14 through fiscal year 2022/23, and the revenues, under existing rates, which the City expects to generate during the same period. The financial plan is based on a set of overall assumptions related to customer growth, inflation, and other factors, as well as the specific phasing of the City's CIP.

For this analysis, the water and sewer utility were analyzed as separate enterprise funds. For those revenues that are shared between the water and sewer utility (i.e. Miscellaneous Revenues), revenues were allocated based on each utility's share of total revenues. For expenditures that are shared between the utilities (i.e. Utility Billing), costs were allocated based on number of customers.

The following general assumptions were used in developing the plan:

- Customer growth will occur at the following annual rates:
  - Residential Growth: 1.0%
  - Commercial Growth: 1.0%
- Operation and maintenance costs –specific annual escalation factors used include:
  - Salaries and wages: 2.5%
  - Benefits: 8.0%
  - Operating expenses: 4.0%
  - Fuel: 10.0%
  - Electricity: 10.0%
- Annual operating contingency equal to 30 days of operating expenses will be phased in over time. The annual operating contingency will not be included in the projections until the utility is self-sufficient.
- Capital costs will increase at an annual rate of 4.0 percent to account for inflation.
- The City will continue to receive 100 percent grant funding for all major capital expenditures.
- Interest earned on investments: 1.0%.
- A targeted combined beginning fund balance of $1 million for the water and sewer utility, adjusted annually for inflation at 3 percent per year, by the end of the analysis period.

The financial plan for the water and sewer fund, in the form of projected sources and uses of funds for the water utility fund, is presented in Attachment 1. Each component of the financial plan is discussed in more detail below.

2.2 Revenue Requirements

The costs in the plan that are to be funded from annual revenues are referred to as 'revenue requirements' for rate-making purposes. The financial plan was developed using the cash-needs approach to projecting total revenue requirements for the utility. The basis of the cash-needs approach is that the revenues of the utility must be sufficient to cover all cash needs over the analysis period, including current or projected debt obligations. The cash-needs approach does not include depreciation expense, which is a non-cash item.

Total requirements are composed of:

- Operations and maintenance costs, including administrative and support services.
- Annual capital improvement projects funded directly from rate revenues and reserves.
- Debt service requirements for existing and projected debt issuances.
- Transfers to the City's general fund and other funds for indirect and direct services provided to the utility (i.e. Administrative and IT services). Interfund services appear as a line item in the utility's operating expenses.

In addition, annual requirements include operating contingencies equal to 30 days of annual O&M costs. However, 100 percent of annual contingencies are assumed to be unspent and roll forward to subsequent year beginning balances.

As stated previously, the City does not have any existing debt service expenditures.

Revenue requirements were projected based on data provided by the City, including actual revenues and expenditures for FY 2008/09 through FY 2010/11 and adopted budgets for FY 2011/12 and FY 2012/13.

2.2.1 Operation and Maintenance Costs

Operation and maintenance costs include all costs associated with operating and maintaining the water and sewer system, including personnel and materials and services costs. The City of Bethel's water and sewer utility operates as an enterprise fund and is managed to be self supporting. The City of Bethel provided annual financial statements and budgets for the water system to CH2M HILL.

2.2.1.1 Water Utility O&M

Exhibit 2-1 shows historical O&M costs for water system for FY2009/10 through FY2010/11 and budgeted O&M costs for FY2011/12 and FY 2012/13. Because this analysis is being performed on a cash basis, depreciation expenses are not included. Total Water Utility O&M has ranged from $3.2 million in FY 2009/10 to nearly $3.6 million in FY 2012/13. The primary driver in the fluctuation in expenses has been the volatility in fuel prices, which impacts electricity and heating costs at the water treatment plants. Fuel costs also impact operating costs for the hauled water fund. Vehicle maintenance costs started being accounted for in the Hauled Water Fund in FY 2009/10, which largely accounts for the increase in transportation expenses for the utility.

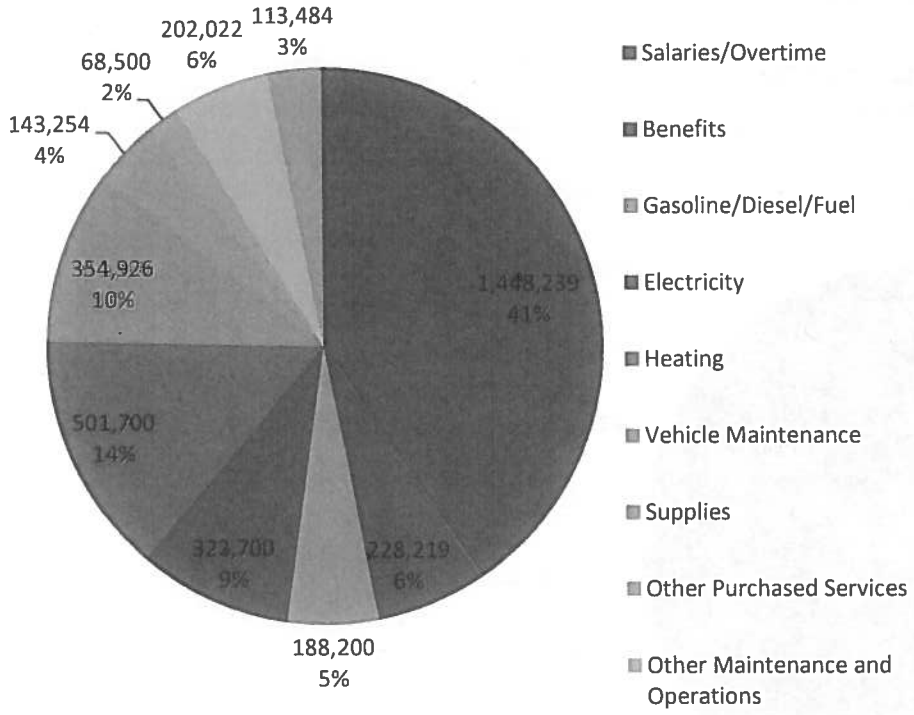
EXHIBIT 2-1
Historical and Budgeted O&M Costs
City of Bethel Water and Sewer Rate Analysis

	Actual FY 2010	Actual FY 2011	Budget FY 2012	Budget FY 2013
Hauled Water	1,383,315	1,548,640	1,540,328	1,605,284
Piped Water	368,968	392,578	381,934	399,819
Bethel Heights WT	725,282	767,382	736,632	737,107
City Sub WT	585,167	597,604	748,767	738,478
Billing-Water	108,741	75,495	76,550	90,557
Total Water Utility O&M	**3,171,473**	**3,381,699**	**3,484,211**	**3,571,245**

Source: City of Bethel, 2012/13 Budget

Exhibit 2-2 presents the total O&M budget for the Water Utility for FY 2012/13. Total budgeted O&M costs for FY 2012/13 are approximately $3.6 million. Approximately 47 percent of this total is personnel related (salaries and wages and benefits). Heating, vehicle maintenance, and electricity costs are the next largest individual line items in the budget and account for 33 percent of the budget.

EXHIBIT 2-2
FY 2012/13 Water Utility Budget, Cost Breakdown
City of Bethel Water and Sewer Rate Analysis



As shown in Attachments 1, O&M costs (including personnel services, materials and services, operating transfers, and operating contingency) are projected to increase to nearly $5.9 million by FY2022/23.

2.2.1.2 Sewer Utility O&M

Exhibit 2-3 shows historical O&M costs for sewer system for FY2009/10 through FY2010/11 and budgeted O&M costs for FY2011/12 and FY 2012/13. Total Sewer Utility O&M has ranged from $2.1 million in FY 2009/10 to $2.5 million in FY 2012/13. As with the water utility, the primary driver in the fluctuation in expenses has been the volatility in fuel prices, which impacts electricity and heating costs. Fuel costs also impact operating costs for the hauled sewer fund. The Hauled Sewer fund has also experienced an increase in personnel related costs, which have increased approximately 21 percent from FY 2009/10 to FY 2012/13. Vehicle maintenance costs started being accounted for in the Hauled Sewer Fund in FY 2009/10.

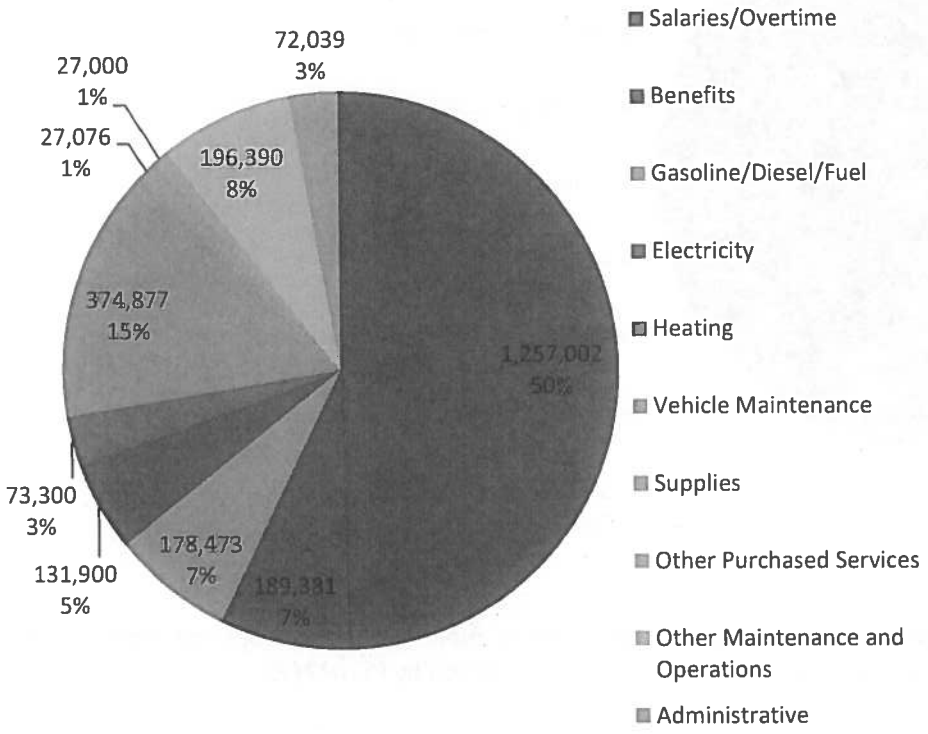
EXHIBIT 2-3
Historical and Budgeted O&M Costs
City of Bethel Water and Sewer Rate Analysis

	Actual FY 2009-10	Actual FY 2010-11	Budget FY 2011-12	Budget FY 2012-13
Hauled Sewer	1,372,457	1,568,193	1,645,644	1,681,330
Piped Sewer	536,753	531,093	545,597	611,072
Lagoon	121,667	100,008	117,194	138,829
Billing-Sewer	115,524	80,204	81,325	96,206
Total Sewer Utility O&M	**2,146,401**	**2,279,498**	**2,389,760**	**2,527,437**

Source: City of Bethel, 2012/13 Budget

Exhibit 2-4 presents the total O&M budget for the Water Utility for FY 2011/12. Total budgeted O&M costs for FY 2011/12 are approximately $2.5 million. Approximately 57 percent of this total is personnel related (salaries and wages and benefits). Vehicle maintenance and gasoline/diesel costs are the next largest individual line items in the budget and account for 22 percent of the budget.

EXHIBIT 2-4
FY 2011/12 Sewer Utility Budget, Cost Breakdown
City of Bethel Water and Sewer Rate Analysis



As shown in Attachments 1, O&M costs (including personnel services, materials and services, operating transfers, and operating contingency) are projected to increase to nearly $4.0 million by FY2022/23.

2.2.1.3 Debt Service Costs

Currently, the City's water utility does not have any existing debt service costs. For the sewer utility, the City retired bonds associated with improvements to the Lagoon in FY 2008/09 and has no additional outstanding debt.

2.2.1.4 Capital Costs

The City is currently undergoing an update to its water and sewer master plans. A detailed list of priority projects for each utility will be developed. For this analysis, it was assumed that the funding source for future capital expenditure would be grants from federal and state agencies. Thus, no contribution will be required from the City.

2.3 Revenues

With limited federal and state assistance available for operations, it was assumed the City would rely predominantly on water and sewer rates to fund the projected operating system costs over the next 10 years. Water sales revenues based on existing rates are projected to be approximately $2.0 million in FY2011/12. The rate schedules for the water and sewer utilities are presented below.

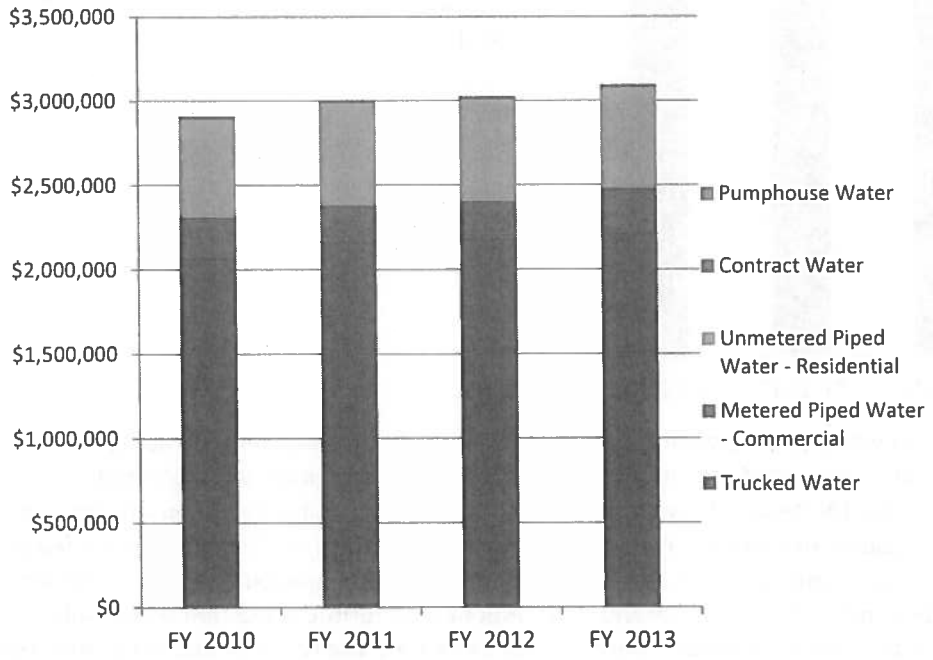
The City has approximately 1,600 water customers. The piped water system has approximately 400 residential customers and 40 commercial accounts. The hauled water system has approximately 1,200 customers. Currently,

the City has no industrial water customers. For this analysis, it was assumed that the number of customers would increase at 1.0 percent per year over the 10 year period, resulting in additional revenues associated with new residential or commercial growth.

2.3.1 Water Rate Revenues

Exhibit 2-5 presents the historical and budgeted water rate revenues for hauled and piped customers from FY 2009/10 through FY 2012/13. Water rate revenues have ranged from $2.9 million in FY 2009/10 and are budgeted to be $3.1 million in FY 2012/13. Revenues from Hauled Water service is expected to provide approximately 72 percent of total rate revenue for the utility.

EXHIBIT 2-5
Historical and Budgeted Water Rate Revenues
City of Bethel Water and Sewer Rate Study



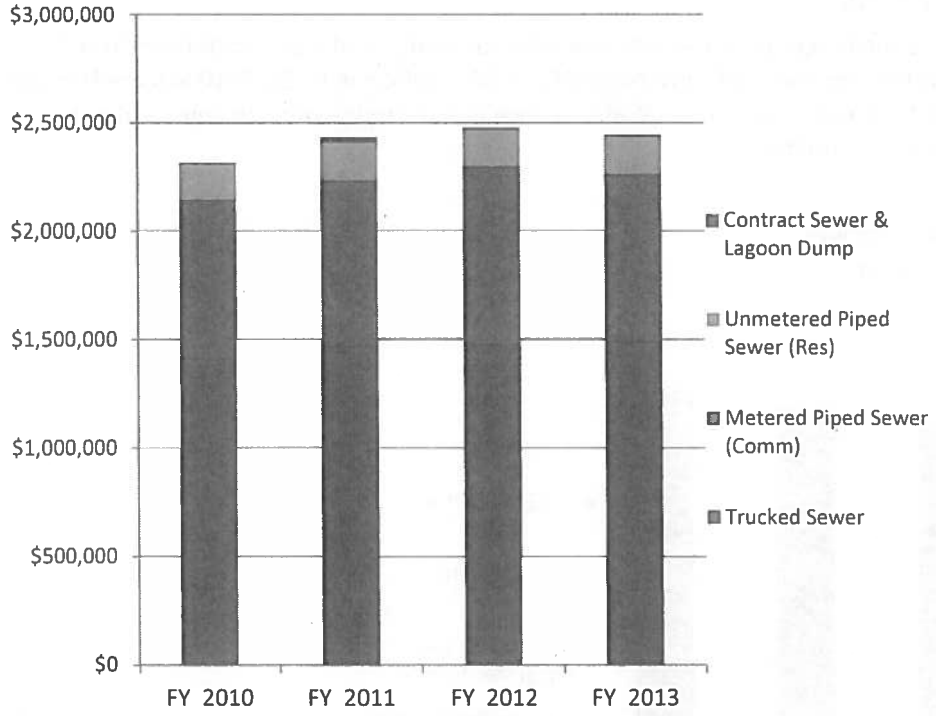
2.3.2 Sewer Rate Revenues

Exhibit 2-6 presents the historical and budgeted sewer rate revenues for hauled and piped customers from FY 2009/10 through FY 2012/13. Sewer rate revenues have ranged from $2.3 million in FY 2009/10 and are budgeted to be $2.5 million in FY 2011/12. Revenues from Trucked Sewer service is expected to provide approximately 61 percent of total rate revenue for the utility. Commercial piped customers provide approximately 31 percent of total sewer revenue. These customers comprise a larger share of sewer revenue when compared to water revenue because of a number of institutional customers that have piped sewer service but maintain and operate their own private water wells.

2.3.3 Non Rate Revenues

The City reports nonrate revenues such as revenue from penalty and interest reconnect fees, interest income, PERS on behalf of revenue, and other miscellaneous revenues. The City records the discount on the utility rate to qualifying low income customers as a credit to non-rate revenue.

EXHIBIT 2-6
Historical and Budgeted Water Rate Revenues
City of Bethel Water and Sewer Rate Study



For this analysis, non-rate revenues were split between the water and sewer utility based on each utility's percentage of total revenue. Based on projected revenues for FY 2011/12, the water utility was allocated 56 percent of non-rate revenues while the sewer utility was allocated 44 percent. A majority of non-rate revenue comes from PERS. The other main source of non-rate revenue comes from a recently initiated subscription fee of $5.00 per month per account for water customers. The same subscription fee is also applied to sewer customers. The subscription fee revenue is designated for a renewal and replacement fund for the water and sewer utility systems. For this analysis, the subscription fee revenues were excluded as a non-rate revenue source because the funds are designated for non-operating expenses.

Non-rate revenue was approximately $81,000 in FY 2010/11 for the water system.

The sewer system had non-rate revenue of approximately $64,000 in FY 2010/11 and is projected to average $164,000 over the analysis period.

2.4 Rate Impacts

Currently, the water and sewer utility is not generating adequate revenues to cover operating expenses. In FY 2010/11, the Water and Sewer Utility fund received an interfund transfer from the General Fund in the amount of $667,000 to offset operating losses. In the next two budget cycles, the Water and Sewer Utility Fund is expected to require additional transfers from the General Fund to cover operating expenses. Additional rate revenue is required to set the utility on a path towards financial stability.

In this section, projected rate revenue requirements and rate impacts for the water and sewer utility will be presented. Revenue requirements consist of operation and maintenance expenses (including transfers), pay-as-you-go capital expenses, and debt service. They also include additions to reserves. Non-rate revenue sources such as interest, fees, subscription fees, and transfers from the general fund, debt proceeds, and use of reserves are subtracted from the revenue requirements to project the amount of revenue required from water rates.

As stated earlier, it was assumed that the City would not need to issue any new debt to pay for capital projects as new capital expenditures would be funded through grants.

Three different scenarios will be presented:

- Scenario 1: This scenario assumes the water and sewer utility fund will continue to receive transfers from the General Fund to help offset operating losses. The amount of the transfer will be approximately $450,000 per year with $300,000 going towards the water utility and $150,000 towards the sewer utility. It is also assumed the City will continue to fund capital projects when 100 percent grant funding is available from state or federal agencies.
- Scenario 2: This scenario will phase out the annual transfers from the General Fund over three years and program the appropriate rate increases required for the utility to achieve cost recovery. Like Scenario 1, it assumed the city will continue to receive 100 percent grant funding for capital expenditures. This scenario also builds in an operating contingency of 60 days of operating expenses. However, 100 percent of annual contingencies are assumed to be unspent and roll forward to subsequent year beginning balances.
- Scenario 3: Scenario 3 includes the same assumptions as Scenario 2. It also assumes piped water service will be extended to the Institutional Corridor. Additional assumptions for this scenario will be discussed below.

2.4.1.1 Scenario 1

Exhibit 2-7 presents the revenue requirements for Scenario 1 for the water and sewer utility over the analysis period. As **Exhibit 2-7** illustrates, increased water and sewer revenues will be necessary to cover the revenue requirements associated with the increases to operating costs even with continued transfers from the General Fund. The water utility will require a larger portion of the transfer from the General Fund and larger increases than the sewer utility because its current revenue stream is not adequate to cover water system costs.

This analysis assumed the City would implement 10 percent increase in water rates in FY 2013/14 and 4 percent increases in each of the following years. The sewer utility increases will be three to four percent per year for the remainder of the analysis. Under this scenario, the projected increases are relatively smaller because of the continued transfer from the General Fund.

2.4.1.2 Scenario 2

Exhibit 2-8 presents the revenue requirements for Scenario 2 for the water and sewer utility over the analysis period. When compared to Scenario 1, this scenario projects a larger increase in revenue requirements because the transfer from the General Fund is phased out by FY 2015/16 and an operating contingency has been introduced. These two factors will result in larger rate increases when compared to Scenario 2. However, the larger increases also provide the utility with growing ending balance that reaches approximately $1.2 million at the end of the analysis.

This analysis assumed the City would need to implement a 12 percent increase in water rates in FY 2013/14, 8 percent in FY 2014/15 and FY 2015/16, and 4 percent increases each of the following years. The sewer rates would also need larger increases when compared to Scenario 1 but would still be smaller increase when compared to the water utility. The sewer utility would need to adopt 5 percent increases from FY 2013/14 through FY 2014/15, 4 percent increases from FY 2015/16 through FY 2108/19 and 4 percent increases the remaining years of the analysis.

2.4.1.3 Scenario 3

The City conducted a feasibility study to evaluate extending piped water service to multiple institutions along the Chief Eddie Hoffman Highway. By including the City's major institutions as customers of the piped water system, the City could gain additional water revenue while the institutions would eliminate the non-core business expenditures associated with maintaining on-site water systems. This section will estimate the impact on water utility revenues and expenditures of adding these institutions along the Institutional Corridor as customers and the subsequent impact on revenue requirements over the 10-year analysis period.

EXHIBIT 2-7
Scenario 1 Revenue Requirements
City of Bethel Water and Sewer Rate Study

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Beginning Balance	0	3,953	136,818	252,155	344,117	404,928	454,343	485,105	488,611	454,739	371,651
Revenue Requirements											
Total Rev Requirement	6,168,682	6,444,588	6,738,160	7,050,848	7,384,240	7,740,067	8,120,222	8,526,777	8,961,994	9,428,350	9,928,554
Less: Non Rate Revenue	146,835	147,246	149,071	151,378	153,217	154,434	155,422	156,037	156,107	155,430	153,768
Use of Reserves	0	0	0	0	9,388	4,096	721	0	33,872	83,088	146,079
Transfer from General Fund	485,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000	450,000
Total Requirements from Rates	5,536,847	5,847,342	6,139,088	6,449,470	6,771,635	7,131,537	7,514,080	7,920,740	8,322,015	8,739,832	9,178,707
Water Rate Revenue	3,096,500	3,437,825	3,610,008	3,790,869	3,980,845	4,180,396	4,390,004	4,610,177	4,841,446	5,084,371	5,339,540
Sewer Rate Revenue	2,444,300	2,542,382	2,644,417	2,750,564	2,860,988	3,004,653	3,155,558	3,314,069	3,480,569	3,655,461	3,839,167
Total Rate Revenue	5,540,800	5,980,207	6,254,425	6,541,432	6,841,833	7,185,049	7,545,562	7,924,246	8,322,015	8,739,832	9,178,707
Projected Water Rate Increase	0%	10%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Projected Sewer Rate Increase	0%	3%	3%	3%	3%	4%	4%	4%	4%	4%	4%

EXHIBIT 2-8
Scenario 2 Revenue Requirements
City of Bethel Water and Sewer Rate Study

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Beginning Balance	0	3,953	98,096	171,714	316,591	484,477	671,214	871,565	1,045,406	1,181,140	1,265,294
Revenue Requirements											
Total Rev Requirement	6,168,682	6,444,588	6,738,160	7,050,848	7,384,240	7,740,067	8,120,222	8,526,777	8,961,994	9,428,350	9,928,554
Less: Non Rate Revenue	146,835	147,246	148,297	149,769	152,667	156,025	159,759	163,766	167,243	169,958	171,641
Use of Reserves	0	0	0	0	0	0	0	0	0	0	34,726
Transfer from General Fund	485,000	300,000	100,000	0	0	0	0	0	0	0	0
Total Requirements from Rates	5,536,847	5,997,342	6,489,863	6,901,079	7,231,573	7,584,042	7,960,463	8,363,011	8,794,751	9,258,392	9,722,187
Water Rate Revenue	3,096,500	3,499,940	3,815,782	4,160,303	4,368,899	4,588,008	4,818,160	5,059,911	5,313,847	5,580,582	5,860,759
Sewer Rate Revenue	2,444,300	2,591,545	2,747,698	2,885,653	3,030,561	3,182,772	3,342,654	3,476,940	3,616,637	3,761,965	3,913,149
Total Rate Revenue	5,540,800	6,091,485	6,563,480	7,045,956	7,399,459	7,770,779	8,160,814	8,536,851	8,930,485	9,342,546	9,773,908
Projected Water Rate Increase	0%	12%	8%	8%	4%	4%	4%	4%	4%	4%	4%
Projected Sewer Rate Increase	0%	5%	5%	4%	4%	4%	4%	3%	3%	3%	3%

The main source of information regarding expenditures to serve these customers, their projected water consumption, and potential revenues is the "Institutional Corridor Water System Feasibility Study" completed by Larsen Consulting Group in March, 2010. The following assumptions were used to develop the revenue requirement projections under this scenario:

- Customers: YKHC facilities including the hospital, sobering center, housing, and other care facilities; Alaska DHHS; Alaska Fish and Wildlife; US Post Office; Alaska Public Health Services.
- Water Consumption: 17.5 million gallons per year for the 17 institutional corridor customers. The largest users are the YKHC Hospital (12.8 million gallons) and the Alaska DHHS Corrections facility (2.5 million gallons).
- Capital Expenditures: For this analysis, it was assumed Alternative 2 from the Feasibility Study would be constructed. This alternative includes a larger storage tank and larger booster station then Alternative 1. Capital expenditures were estimated at approximately $14.4 million (2010$). It is assumed these costs would be covered through state or federal agency grant funding and would not require a capital outlay from the City.
- Operating Expenditures: Annual O&M to maintain the additional pipe, storage tank, and booster station proposed in Alternative 2 were estimated at $163,000 per year (2010$).
- The extended water service will also increase annual operating costs at the City Subdivision Treatment Plant as more water will be produced to meet the increased demand. Based on discussion with city staff, no additional personnel will be needed at the treatment plant to service the institutional corridor. Electricity costs and supplies are expected to increase as more water is produced and treated. These costs were estimated by prorating the current expenses by the additional water consumed. Based on current budget data for the City Subdivision Treatment plant, it was assumed operating expenses would increase by approximately $100,000 per year.
- Year of Operation: FY 2015/16.
- Revenue Projections: Existing commercial water rates ($26.50/1,000 gallons) were applied to estimated water consumption. Water rate increases programmed before the first year of operation were applied. The revenue projections do not include additional development or service expansion beyond the customers along the institutional corridor.

The addition of the Institutional Corridor customers would have a positive impact on the financial performance of the water utility. The revenues generated by these customers would be greater than the estimated expense to provide them with service. According to the "Institutional Corridor Feasibility Study (Larson Consulting, March 2010)," construction Alternative 2 would also allow the city to extend piped service to additional customers beyond the institutions discussed in the study. While these additional revenues were not included in this analysis, they have the potential to provide additional water revenue to the City.

The expansion of the Institutional Corridor will impact the operations of the water utility. It is recommended that if the extension of service to this area is completed that the City closely monitors the consumption patterns of these commercial customers for approximately 12 months and use this information to estimate the impact on utility operations. This information could be used to develop updated cost of service rates for piped commercial customers.

Exhibit 2-9 presents the revenue requirements for Scenario 3 for the water and sewer utility over the analysis period. When compared to Scenario 1, this scenario projects a larger increase in revenue requirements because the transfer from the General Fund is phased out by FY 2015/16 and an operating contingency has been introduced. These two factors will result in larger rate increases when compared to Scenario 1. However, the additional revenues from the Institutional Corridor are expected to result in slightly smaller rate increases when compared to Scenario 2. This scenario will also provide the utility with the largest ending balance that reaches approximately $1.3 million at the end of the analysis.

This analysis assumed the City would need to implement a 12 percent increase in water rates in FY 2013/14, an 8 percent increase in FY 2014/15, a 5 percent increase in FY 2015/16, and 3 percent increases in each of the following years. The sewer rates would experience the same rate increases as Scenario 2.

2.4.1.4 Summary

Exhibit 2-10 presents a comparison of the three scenarios presented previously of total monthly combined bills for the piped water system. Scenario 2 results in the highest rate impact because the utility is no longer receiving a transfer from the General Fund to help offset operating expenses.

Exhibit 2-11 presents a comparison of the three scenarios presented previously of total monthly combined bills for the piped water system. As with the piped customers, Scenario 2 results in the highest rate impact for hauled customers because the utility is no longer receiving a transfer from the General Fund to help offset operating expenses. For this exhibit, it was assumed that the hauled water and sewer customer had a 1,000 gallon tank capacity with service four times per month.

2.5 Summary

Based on the study findings summarized in previous sections, the City will need to consider increasing rates in future years to continue to meet the financial needs of the system under any of the scenarios analyzed. Scenario 1 will result in the smallest rate impact as the transfers from the General Fund will help offset operating losses. However this scenario is not a long-term, financially sustainable solution if the goal is to make the water and sewer utility self-sustaining. Both Scenarios 2 and 3 put the water and sewer fund on a stronger financial path and establish similar reserves by the end of the analysis. Scenario 2 requires slightly larger rate increases than Scenario 3 because it does not have the benefit of the additional revenues projected from the addition of the Institutional Corridor customers.

Subsequent analyses presented in this report utilized the revenue requirements developed for Scenario 2 as this scenario puts the water and sewer utility on a path towards financial sustainability.

The projected rate increases presented are based on the best available data and assumptions developed by the City and CH2M HILL as of March 2013. The City should review the financial plan regularly to ensure actual revenues and expenditures are tracking with the projections developed in this analysis. The City should review the financial plan annually and adjust the rates as needed to reflect current conditions and assumptions.

EXHIBIT 2-9

Scenario 3 Revenue Requirements

City of Bethel Water and Sewer Rate Study

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Beginning Balance	0	3,953	98,096	171,714	453,985	729,031	988,752	1,223,651	1,389,008	1,468,271	1,442,624
Revenue Requirements											
Total Rev Requirement	6,168,682	6,444,588	6,738,160	7,369,582	7,712,535	8,078,211	8,468,511	8,885,514	9,331,494	9,808,934	10,320,556
Less: Non Rate Revenue	146,835	147,246	148,297	149,769	155,415	160,916	166,110	170,808	174,115	175,700	175,187
Use of Reserves	0	0	0	0	0	0	0	0	0	32,840	151,884
Transfer from General Fund	485,000	300,000	100,000	0	0	0	0	0	0	0	0
Total Requirements from Rates	5,536,847	5,997,342	6,489,863	7,219,812	7,557,121	7,917,295	8,302,401	8,714,706	9,157,378	9,600,394	9,993,484
Water Rate Revenue	3,096,500	3,499,940	3,815,782	4,616,430	4,801,606	4,994,244	5,194,646	5,403,124	5,620,003	5,845,623	6,080,335
Sewer Rate Revenue	2,444,300	2,591,545	2,747,698	2,885,653	3,030,561	3,182,772	3,342,654	3,476,940	3,616,637	3,761,965	3,913,149
Total Rate Revenue	5,540,800	6,091,485	6,563,480	7,502,083	7,832,167	8,177,016	8,537,300	8,880,064	9,236,641	9,607,588	9,993,484
Projected Water Rate Increase	0%	12%	8%	5%	3%	3%	3%	3%	3%	3%	3%
Projected Sewer Rate Increase	0%	5%	5%	4%	4%	4%	4%	3%	3%	3%	3%

EXHIBIT 2-10

Comparison of Combined Average Monthly Residential Bill, Piped Residential Flat Rate

City of Bethel Water and Sewer Rate Study

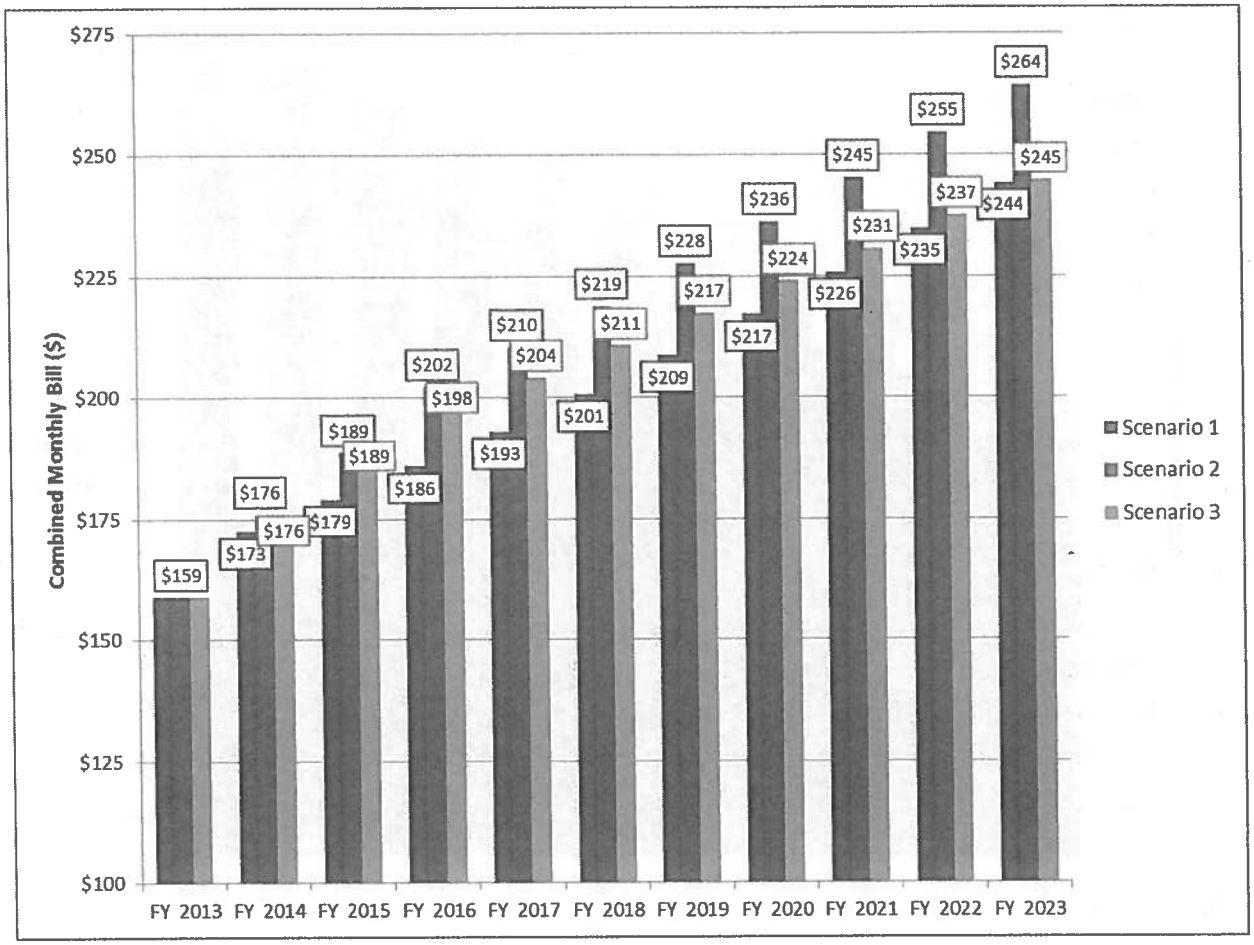
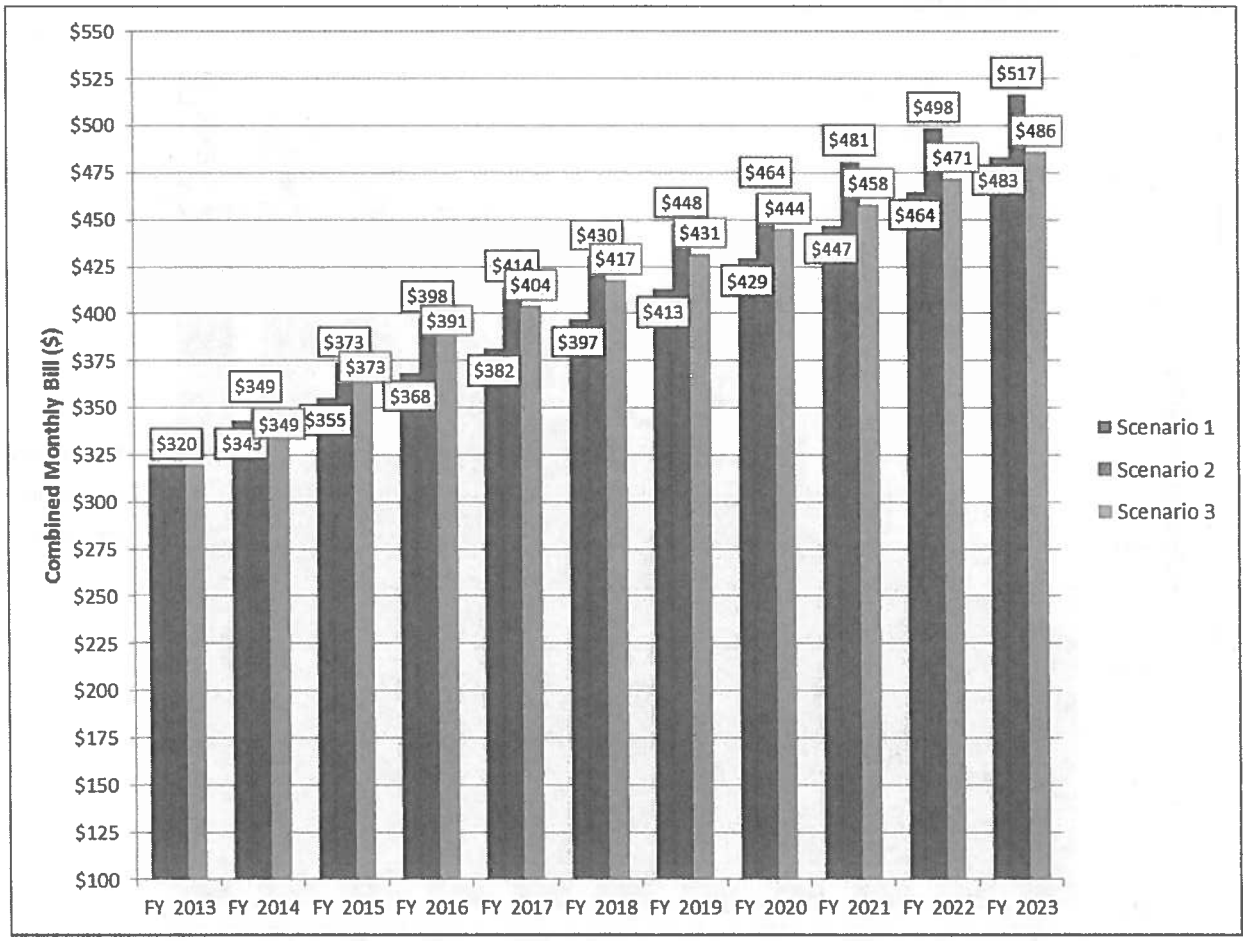


EXHIBIT 2-11

Comparison of Combined Average Monthly Residential Bill, Hauled Residential 1000 gallon/1x per week

City of Bethel Water and Sewer Rate Study



SECTION 3

Allocation of System Operating Costs

A fundamental principle for developing an equitable system of user charges is to ensure that all users pay (through user charges or other fees) for their share of the total costs imposed on the system. A financial plan is used to determine annual costs and associated funding sources for a particular planning horizon (e.g., 10 years). The process of then allocating utility system costs to customer classes based on service demands is referred to as a cost of service analysis.

This section summarizes the allocation of system costs to different system users. The section begins with an introduction to the cost allocation methodology and then presents the cost allocation process for the water utility. The discussion of allocating sewer system costs follows. Each section will present the rate revenue requirement, the methodology used to allocate system costs to different system functions, and the allocation of system costs to customer classes. Rate design alternatives will be presented in Section 3 after the completion of the cost of service analysis.

3.1 Cost Allocation Methodology Overview

Building on the revenue requirements developed in Section 2 for FY 2013, the water and sewer utilities were analyzed as individual cost centers. Shared costs, such as billing, were allocated to each utility based on number of accounts. The costs allocable to each utility are then allocated to the users of the utility in proportion to the demands that the users place on the system. Through a multi step allocation process, costs are first allocated to general service functions, such as water treatment, hauled water or sewer service, or wastewater collection. Once the cost components making up the rate revenue requirements have been allocated to service functions these functional costs are then allocated to service characteristics. Service characteristics are associated with quantifiable levels of service, such as hauled or piped water consumption, hauled sewer, or wastewater flows. Once costs have been allocated to service characteristics, service characteristic unit costs are developed by dividing the service characteristic costs by the total system service characteristic demands. The demands of each customer class for each service characteristic are multiplied by the respective unit costs for each of the service characteristics to determine each class's share of the costs for each service characteristic. The summation of the service characteristic costs allocated to each customer class are the customer class's cost of service.

Rates are then designed to recover the costs of providing service to each customer class from the users comprising the class. The customer class structure is designed such that each of the customer classes consists of users with similar user characteristics, while separating users with dissimilar characteristics. In this way, the resulting rates will then result in charges to users in each class that approximate the cost of providing service to that user. **Exhibit 3-1** graphically presents this cost allocation process.

3.2 Water System Cost Allocation

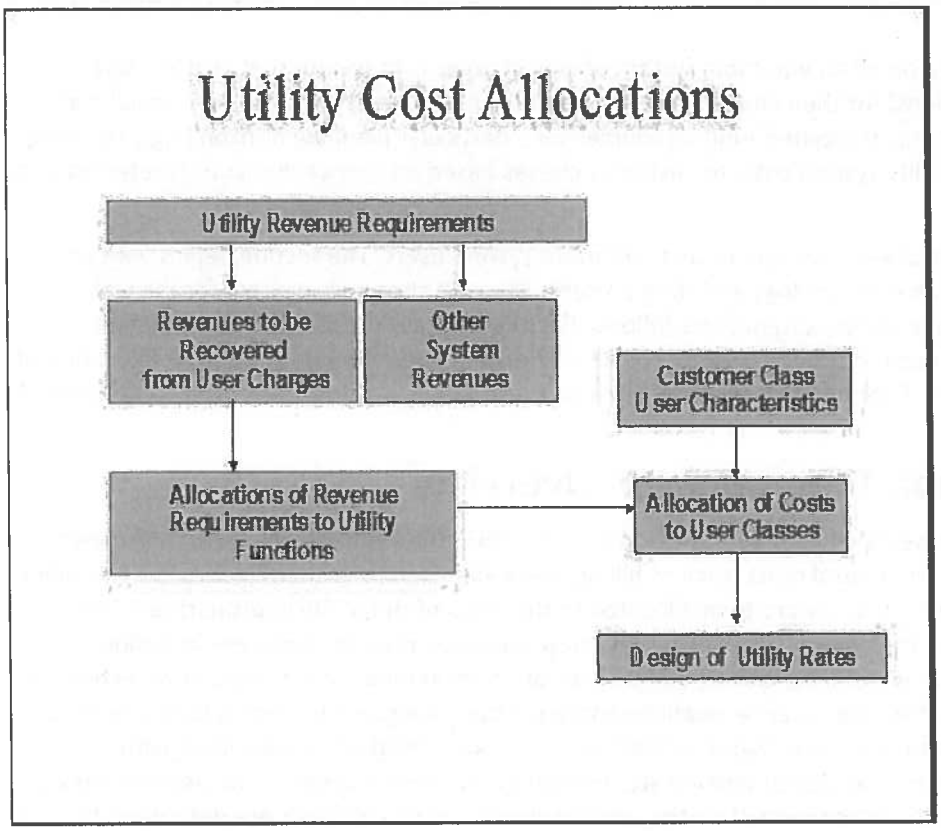
This section presents the allocation of the water system costs to the water system users, following a multi step cost allocation process by which the System revenue requirements are first allocated to wastewater system functions or services provided by the utility. The costs allocated to each function are then allocated to service characteristics that relate to the function, design, sizing, and operation of these facilities, and then to users in proportion to their use of those service characteristics.

3.2.1 Operating Costs

The water utility's budget is organized by functional department.

- 51-80: Utility Billing
- 51-81: Hauled Water
- 51-82: Piped Water

EXHIBIT 3-1
Cost Allocation Process
City of Bethel Water and Sewer Rate Study



- 51-83: Bethel Heights Water Treatment Facility
- 51-84: City Subdivision Water Treatment Facility

Exhibit 3-2 presents the projected water system revenue requirements for FY 2012/13 through FY 2022/23. Under this scenario, the transfers from the general fund will be phased out by FY 2015/16 and the utility will be generating enough revenues to be self-sufficient. To generate sufficient revenues to cover the water system's projected costs, an increase in water rate revenues of 12.0 percent in FY 2013/14, 8.0 percent in FY 2014/15 and FY 2015/16, and 4.0 percent per year through FY 2022/23 are projected.

The projected revenue requirements for the water system of $3.6 million in FY 2012/13 were used as the base year for the cost allocation. For this analysis, only operating expenses were included in revenue requirements as the City has no outstanding debt and it was assumed capital funding would be paid through state or federal grants.

To determine the net amount that must be recovered from user charges, revenues offsetting operations and maintenance cost were projected and subtracted from total operating costs. These revenues include interest earnings, public employee retirement system (PERS) revenues, and miscellaneous charges. As stated previously, revenues from subscription fees were not included in this analysis as the funds are transferred to a renewal and replacement account to fund future capital improvements. Transfers from the General Fund were also used to offset increases in revenue requirements and were subtracted from total operating expenses. After subtracting non-rate revenue from the revenue requirements, net rate revenue requirements are approximately $3.1 million. **Exhibit3-3** presents the rate revenue requirement for FY 2012/13.

EXHIBIT 3-2
Water System Revenue Requirement Projections
City of Bethel Water and Sewer Rate Study

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Beginning Balance	0	-41,617	16,829	62,399	162,493	269,443	380,001	490,213	595,333	689,708	766,668
Revenue Requirements											
Hauled Water (51-81)	1,605,284	1,672,944	1,744,834	1,821,308	1,902,750	1,989,581	2,082,264	2,181,303	2,287,252	2,400,718	2,522,365
Piped Water (51-82)	399,819	414,697	430,372	446,903	464,357	482,803	502,318	522,988	544,903	568,164	592,881
Bethel Heights Treatment (51-83)	737,107	778,309	822,485	869,886	920,785	975,481	1,034,299	1,097,593	1,165,753	1,239,203	1,318,406
City Sub Water Treatment (51-84)	738,478	778,167	820,574	865,917	914,435	966,385	1,022,049	1,081,733	1,145,770	1,214,526	1,288,395
Utility Billing (51-80)	89,504	92,774	96,224	99,868	103,722	107,802	112,127	116,717	121,595	126,784	132,312
Fleet Replacement Fund	35,000	36,400	37,856	39,370	40,945	42,583	44,286	46,058	47,900	49,816	51,809
Debt Service	0	0	0	0	0	0	0	0	0	0	0
Total Rev Requirement	3,605,192	3,773,290	3,952,344	4,143,253	4,346,993	4,564,635	4,797,343	5,046,392	5,313,174	5,599,211	5,906,167
Less: Non Rate Revenue	82,075	81,795	82,132	83,043	85,045	87,184	89,395	91,600	93,702	95,589	97,129
Use of Reserves/(Additions to)	0	0	0	0	0	0	0	0	0	0	0
Transfer from General Fund	385,000	250,000	100,000	0	0	0	0	0	0	0	0
Total Requirements from Rates	3,138,117	3,441,494	3,770,212	4,060,210	4,261,948	4,477,450	4,707,947	4,954,792	5,219,472	5,503,622	5,809,038

EXHIBIT 3-3
Water System Revenue Requirements, FY 2012/13
City of Bethel Water and Sewer Rate Study

Cost Center	FY 2012/13
Billing	$89,504
O&M Treatment Plants	$1,475,585
Piped Water	$399,819
Hauled Water	$1,640,284
Total Revenue Requirement	**$3,605,192**
Less:	
Non Rate Revenue	-4,751
Transfer from General Fund	385,000
PERS	86,826
Subtotal	467,075
Total Rate Revenue Requirement	**$3,138,117**

PERS revenues were allocated to personnel costs based on each cost center's share of personnel expenses. Other non-rate revenue and transfers from the General Fund were allocated to the different cost centers based on each cost centers share of total utility expenses. **Exhibit 3-4** presents the net rate revenue required from each cost center. These costs were then allocated to each customer class based on its respective demand on the system.

Exhibit 3-5 presents a summary of O&M cost centers and which customer classes the costs were allocated. O&M costs associated with utility billing were allocated between hauled and piped customers based on the number of customers receiving service from each system. Treatment plant O&M costs are shared by all customers as every gallon of water consumed is produced at the treatment facilities. Treatment plant O&M costs will be allocated to the piped and hauled systems based on their respective share of total water supplied.

EXHIBIT 3-4
Net Water System Rate Revenue Requirements, FY 2012/13
City of Bethel Water and Sewer Rate Study

Cost Center	FY 2012/13
Billing	76,218
O&M Treatment Plants	$1,297,626
Piped Water	$343,742
Hauled Water	$1,420,530
Total Revenue Requirement	**3,138,117**

EXHIBIT 3-5
O&M Cost Allocation to Customer
City of Bethel Water and Sewer Rate Study

O&M Cost Centers	Costs Allocated to following Customer Class:
51-80 Utility Billing	All customers
51-81 Hauled Water	Hauled Water customers only
51-82 Piped Water	Piped water customer only
51-83 Bethel Heights Water Treatment Facility	All customers
51-84 City Subdivision Water Treatment Facility	All customers

The approach to allocate FY 2012/13 budgeted Operating & Maintenance costs to service functions are presented in **Exhibit 3-6**. The allocations were based on discussions with city staff as well as a review of the activities undertaken by each budgeted cost center.

Exhibit 3-7 presents the water utility O&M cost allocation to different system characteristics by utility cost center.

Allocation of costs for the billing and O&M Piped water cost centers were described previously in **Exhibit 3-6**. Further discussion on the allocation process for O&M Water treatment and O&M Hauled Water are presented below:

- O&M Water Treatment: Operating expenses for the Bethel Heights and City Subdivision treatment plant were combined and treated as one cost center for this analysis. Based on discussions with city staff and CH2M HILL estimates, it was assumed that the costs to operate the treatment plants consisted of the following processes: water treatment and supply (65%), piped water demand (25%), and hauled water demand (10%).

  Water treatment and supply costs are considered shared costs between hauled and piped customers and were allocated between the piped and hauled system based on the water supplied to each system. Costs associated with supplying piped water were allocated 100% to the piped system while costs associated with supplying hauled water demand were allocated 100% to the hauled system.

  It was assumed that heating costs were primarily used to heat water during the treatment process, prevent water from freezing during the cooler months, and maintain the water temperature in the piped system. Based on discussions with city staff and CH2M HILL estimates, heating costs were allocated to water treatment and supply (80%) and the piped circulation loop (20%).

- O&M Hauled Water: Operating costs for the hauled system were allocated between two primary processes: Logistics and Pumping. Exhibit 3-8 presents the process of allocating driver personnel costs to the pumping function.

EXHIBIT 3-6
Water Utility O&M Cost Allocation Methodology
City of Bethel Water and Sewer Rate Study

Cost Center	System Functions	Notes	Basis for Allocation
• 51-80 Billing	• Customer service • Billing	• Costs allocated between hauled and piped customers	• Allocated based on Number of Accounts
• 51-81 O&M Hauled Water	• Distribution • Pumping	• Costs allocated between Logistics (i.e. driving, set-up, record keeping) and Pumping • Logistics charge is a flat rate per delivery • Consider charging different logistics charge for a two zone billing system • Pumping cost based on $/1000 gallon of tank capacity • Estimate % of labor spent on pumping based on 90 gpm pumping rate	• Allocate labor costs based on % of labor spent on pumping vs. logistics • Allocate materials and services using same allocation % • Pumping Cost allocated based on billed capacity • Remaining costs allocated to Logistics and allocated based on estimated number of deliveries
• 51-82 O&M Piped Water • 51-83/84 O&M Treatment Plants	• Distribution • Pumping • Supply • Treatment • Pumping	• All costs allocated to piped water • Treatment plant serves both piped and hauled water customers; • Every gallon of water used is heated and treated; • Electricity costs allocated to three pumps: well, circulating loop, and truck filling pump; • Heating costs are used for treatment and recirculation	• Allocate costs based on % of total water consumed between residential (estimate volume) and commercial • All Electricity and Heating Well/Treatment costs will be allocated to hauled and piped customers based on % of total water consumed • All Electricity recirculation costs will be allocated to Piped customers • All Electricity costs associated with truck filling allocated to hauled system • All other costs allocated based on % of total water delivered to piped and hauled system

EXHIBIT 3-7
Water Utility O&M Cost Allocation to System Functions
City of Bethel Water and Sewer Rate Study

Cost Center	Treatment/ Supply	Piped	Hauled/ Logistics	Hauled/ Pumping	Billing
Billing					
Personnel					100%
Other O&M					100%
Water Treatment					
Personnel Costs	65%	25%		10%	
Electricity	65%	25%		10%	
Heating	80%	20%			
Supplies	65%	25%		10%	
Other O&M Costs	65%	25%		10%	
O&M Piped Water					
Personnel		100%			
Other O&M costs		100%			
O&M Hauled Water					
Personnel Costs			55%	45%	
Gas/Diesel			55%	45%	
Vehicle Maintenance			55%	45%	
Other O&M			55%	45%	

Note: Water Treatment/Supply Costs are allocated based on the percent of total water supplied to hauled and piped customers.

EXHIBIT 3-8
Allocation of O&M Hauled Personnel Cost to Pumping
City of Bethel Water and Sewer Rate Study

Total O&M Hauled Personnel Costs (FY 2013)	$902,169
Total Driver Personnel Costs	$824,093
Driver Cost per Hour	$44.02
Driver Cost per Minute	$0.73
Pumping Rate (gallons/minute)	90
Total Hauled Billed Capacity	45,646,250
Personnel Cost Allocated to Pumping	$372,119
% of Total Driver Personnel Time	45%

Based on this estimate, 45 percent of driver time is spent on filling and servicing water tanks. The remaining 55 percent of the time is allocated to the logistics process. All O&M Hauled costs were allocated using these same percentages.

3.2.2 Cost Allocations to Service Characteristics

Exhibit 3-9 shows the allocation of Operation & Maintenance Costs to service characteristics.

EXHIBIT 3-9
Water Utility O&M Cost
City of Bethel Water and Sewer Rate Study

Cost Center	Treatment/ Piped	Treatment/ Hauled	Piped	Hauled/ Logistics	Hauled/ Pumped	Billing	Total
Billing							
Personnel						$62,534	$62,534
Other O&M						$13,684	$13,684
Treatment							
Personnel Costs	$141,203	$94,793	$90,768		$36,307		$363,071
Electricity	$107,117	$71,910	$68,856		$27,542		$275,425
Heating	$192,423	$129,178	$80,400				$402,001
Supplies	$43,428	$29,154	$27,916		$11,166		$111,664
Other O&M Costs	$56,574	$37,979	$36,366		$14,547		$145,465
O&M Piped Water							
Personnel			$226,160				$226,160
Other O&M costs			$117,583				$117,583
O&M Hauled Water							
Personnel Costs				$416,968	$343,298		$760,266
Gas/Diesel				$85,856	$70,687		$156,542
Vehicle Maintenance				$168,825	$138,997		$307,822
Other O&M				$107,441	$88,458		$195,900
Total	$540,744	$363,013	$648,049	$779,090	$731,002	$76,218	$3,138,117

Exhibit 3-10 presents a summary of the customer class service characteristics. Using the summary measures of the various service characteristic units developed in this table in conjunction with the revenue requirements allocated to the service characteristics, unit costs associated with each service characteristic can be calculated. Residential unmetered piped water usage was estimated based on 5,000 gallons per month per household. Hauled water customers are charged based on the capacity of their water tank while metered piped customers are billed on consumption. In order to estimate the number of deliveries made each year, total equivalent deliveries were estimated by applying a delivery factor of 1.0 to tanks of 3,500 gallons or less, a delivery factor of 2.0 to tanks larger than 3,500 gallons, and 5.0 for extra call deliveries. Customers located in Zone 2 of a two zone system were assigned an additional factor of 2.0 as it is estimated to take twice as long to provide service to these customers.

EXHIBIT 3-10
Water Service Characteristic Billing Units by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study

User Characteristics	Hauled	Piped	Total
No. of Customers	1,037	435	1,472
Plant Demand	31,057,646	46,263,490	77,321,136
% of Total Demand	40%	60%	
Estimated Billed Capacity/Usage	45,646,250	32,409,741	77,322,608
Residential Piped Usage Estimate		23,678,156	
Commercial Piped Usage Estimate		8,731,585	
Total Equivalent Deliveries, 1 Zone	58,070		58,070
Total Equivalent Deliveries, 2 Zone			
Zone 1	38,154		
Zone 2	39.832		

The unit costs are presented in **Exhibit 3-11**. Based on the unit costs calculated in **Exhibit 3-10** and the demands for service at the customer class level presented in **Exhibit 3-9**, the service characteristic costs associated with providing service to each customer class are calculated.

EXHIBIT 3-11
Development of Billing Unit Costs, FY 2013
City of Bethel Water and Sewer Rate Study

Unit Costs	Hauled	Piped	Unit
Billing	$4.32	$4.32	$/customer/month
O&M Treatment Plants	$9.91	$26.07	$/1000 gallons
Piped Water	NA	$10.61	$/1000 gallons
Hauled Water-pumping	$14.05	NA	$/1000 gallons
Hauled Water-logistics, 1 zone	$13.42	NA	$/equivalent delivery
Hauled Water-logistics, 2 zone	$9.99		$/equivalent delivery

The summary of all service characteristic costs for a specific customer class is the estimated cost of service for that class and from a cost of service standpoint is the measure of rate revenue that under equitable conditions would be recovered from that class. These customer class costs for FY 2013 for the water system are presented in **Exhibit 3-12**. The cost per thousand gallons of water produced for the hauled and piped system is $62.04 and $26.18, respectively. Based on this metric, it cost over twice as much to produce and deliver water to the hauled system than the piped system. It should be noted that the production cost may differ from the billing rate as the billing units may differ from production units. For example, the hauled customers are billed based on tank capacity and not on actual usage.

EXHIBIT 3-12
Development of Estimated Customer Class Cost of Service, FY 2013
City of Bethel Water and Sewer Rate Study

Cost Center	Hauled	Piped	Total
Billing	$53,708	$22,510	$76,218
O&M Treatment Plants	$452,575	$845,051	$1,297,626
Piped Water	0	$343,742	$343,742
Hauled Water-pumping	$641,440	$0	$641,440
Hauled Water-logistics	$779,090	$0	$779,090
Total	$1,926,813	$1,211,304	$3,138,117
% of Total Cost	61%	39%	
Total Water Produced	31,057,646	46,263,490	77,321,136
$/000 gallons Produced	$62.04	$26.18	$40.59

Providing service to the hauled water system requires 9 service trucks driving approximately 9,500 miles per year per truck, or nearly 86,000 miles total. The total cost of providing service to the hauled system, including water treatment, water supply, and pumping costs, was estimated to be nearly $1.9 million. The average cost per mile for providing service to the hauled water system is approximately $23.00 per mile.

For the piped system, there is approximately 66,000 linear feet of water pipe and service lines. The total cost of providing service to the piped system was estimated to be approximately $1.2 million. The average cost per linear foot of water pipe is approximately $18.00 per linear foot. It should be noted that it is not an equitable evaluation to compare the cost per mile for the hauled system to the cost per linear foot of the piped system.

Exhibit 3-13 presents the revenue recovery by customer class under calculated cost of service rates and existing rates. Hauled water customers are allocated 61 percent of total requirements under cost of service rates versus 72 percent under existing rates. Piped residential customers are allocated 29 percent of total requirements under cost of service rates and 19 percent under existing rates. When compared to existing revenues, piped residential customers were allocated a larger share of revenue recovery responsibility based on the results of this cost of service analysis.

3.3 Sewer System Cost Allocation

This section presents the allocation of the sewer system costs to the sewer system users, following a similar cost allocation process described in the Water System Cost Allocation Section.

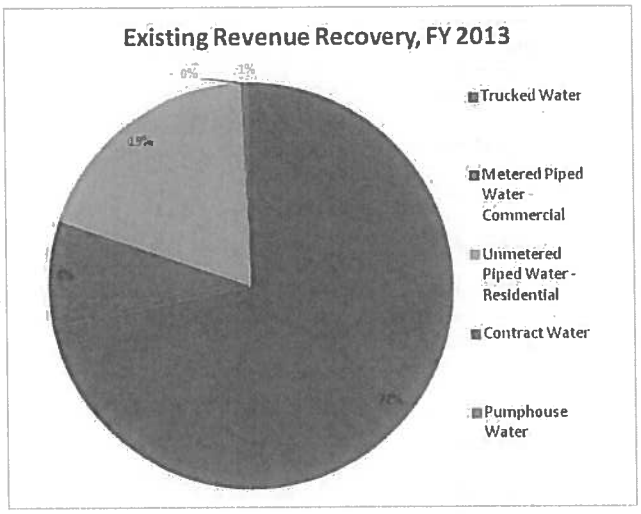
3.3.1 Operating Costs

The sewer utility's budget is organized by functional department.

- 51-80: Utility Billing
- 51-85: Hauled Sewer
- 51-86: Piped Sewer
- 51-87: Sewer Lagoon

Exhibit 3-14 presents the projected sewer system revenue requirements for FY 2012/13 through FY 2022/23. Under this scenario, the transfers from the general fund will be phased out by FY 2015/16 and the utility will be generating enough revenues to be self-sufficient. To generate sufficient revenues to cover the sewer system's projected costs, an increase in sewer rate revenues of 3.0 percent per year from FY 2013/14 through FY 2016/17, and 4.0 percent per year from FY 2017/18 through FY 2022/23 are projected.

EXHIBIT 3-13
Water Cost of Service Revenue Recovery by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study



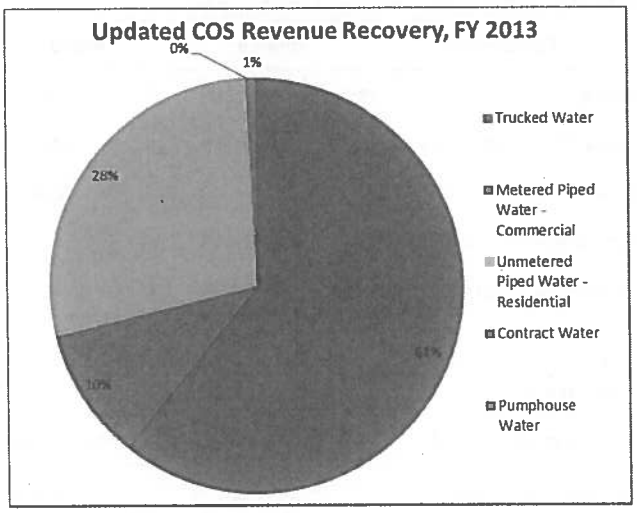


EXHIBIT 3-14
Sewer System Revenue Requirement Projections
City of Bethel Water and Sewer Rate Study

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Beginning Balance	0	45,570	81,267	109,315	154,098	215,034	291,214	381,352	450,073	491,432	498,626
Revenue Requirements											
Hauled Sewer (51-85)	1,681,330	1,747,571	1,817,670	1,891,934	1,970,701	2,054,340	2,143,254	2,237,884	2,338,712	2,446,267	2,561,128
Piped Sewer (51-86)	611,072	642,034	675,228	710,849	749,112	790,254	834,531	882,228	933,653	989,147	1,049,083
Sewer Lagoon (51-87)	138,829	144,830	151,224	158,045	165,330	173,120	181,460	190,397	199,987	210,287	221,362
Utility Billing (51-80)	97,259	100,813	104,562	108,522	112,709	117,143	121,843	126,831	132,132	137,771	143,777
Fleet Replacement Fund	35,000	36,050	37,132	38,245	39,393	40,575	41,792	43,046	44,337	45,667	47,037
Debt Service	0	0	0	0	0	0	0	0	0	0	0
Total Rev Requirement	2,563,490	2,671,299	2,785,815	2,907,596	3,037,246	3,175,432	3,322,880	3,480,385	3,648,820	3,829,139	4,022,387
Less: Non Rate Revenue	64,760	65,451	66,165	66,726	67,622	68,840	70,364	72,167	73,541	74,368	74,512
Use of Reserves/(Additions to)	0	0	0	0	0	0	0	0	0	0	34,726
Transfer from General Fund	100,000	50,000	0	0	0	0	0	0	0	0	0
Total Requirements from Rates	2,398,730	2,555,848	2,719,650	2,840,870	2,969,625	3,106,592	3,252,516	3,408,219	3,575,279	3,754,771	3,913,149

The projected revenue requirements for the sewer system of $2.6 million in FY 2012/13 were used as the base year for the cost allocation process. For this analysis, only operating expenses were included in revenue requirements as the City has no outstanding debt and it was assumed capital funding would be paid through state or federal grants.

To determine the net amount that must be recovered from user charges, revenues offsetting operations and maintenance cost were projected and subtracted from total operating costs. These revenues include interest earnings, subscription charges, PERS revenues, and miscellaneous charges. Transfers from the General Fund were also used to offset increases in revenue requirements and were subtracted from total operating expenses. After subtracting non-rate revenue from the revenue requirements, net rate revenue requirements are approximately $2.4 million. **Exhibit 3-15** presents the rate revenue requirement for FY 2012/13.

PERS revenues were allocated to personnel costs based on each cost center's share of personnel expenses. Other non-rate revenue and transfers from the General Fund were allocated to the cost centers based on each cost centers share of total utility expenses. **Exhibit 3-16** presents the net rate revenue required from each cost center. These costs were then allocated to each customer class based on its respective demand on the system.

EXHIBIT 3-15
Sewer System Revenue Requirements, FY 2012/13
City of Bethel Water and Sewer Rate Study

Cost Center	FY 2012/13
Billing	$97,259
O&M Lagoon	$138,829
Piped Sewer	$611,072
Hauled Sewer	$1,716,330
Total Revenue Requirement	$2,563,490
Less:	
Non Rate Revenue	-3,749
Transfer from General Fund	100,000
PERS	68,509
Subtotal	164,760
Total Rate Revenue Requirement	**$2,398,730**

EXHIBIT 3-16
Net Rate Revenue Requirements, FY 2012/13
City of Bethel Water and Sewer Rate Study

Cost Center	FY 2012/13
Billing	$89,791
O&M Lagoon	$129,441
Piped Sewer	$575,189
Hauled Sewer	$1,604,309
Total Revenue Requirement	$2,398,730

Exhibit 3-17 presents a summary of O&M cost centers and which customer class the costs were allocated to. O&M costs associated with utility billing were allocated between hauled and piped customers based on the number of customers receiving service from each system. Sewer Lagoon O&M costs are shared by all customers based on their respective contributions to total sewer flows.

EXHIBIT 3-17
O&M Cost Allocation to Customer
City of Bethel Water and Sewer Rate Study

O&M Cost Centers	Costs Allocated to following Customer Class:
51-80 Utility Billing	All customers
51-85 Hauled Sewer	Hauled Sewer customers only
51-86 Piped Sewer	Piped and hauled sewer customers
51-87 Sewer Lagoon	All customers

The approach to allocate FY 2012/13 budgeted Operating & Maintenance costs to service functions are presented in **Exhibit 3-18**. The allocations were based on discussions with city staff as well as a review of the activities undertaken by each budgeted cost center.

EXHIBIT 3-18
Sewer Utility O&M Cost Allocation Methodology
City of Bethel Water and Sewer Rate Study

Cost Center	System Functions	Notes	Basis for Allocation
• 51-80 Billing	• Customer service • Billing	• Cost shared between water and sewer customers	• Allocated based on Number of Accounts
• 51-85 O&M Hauled Sewer	• Collection • Pumping	• Costs allocated between Logistics (i.e. driving, set-up, record keeping) and Pumping • Logistics charge is a flat rate per delivery • Consider charging different logistics charge for a two zone billing system • Pumping cost based on $/100 gallon of tank capacity • Estimate % of labor spent on pumping based on 180 gpm pumping rate	• Allocate labor costs based on % of labor spent on pumping vs. logistics • Allocate materials and services using same allocation % • Pumping Cost allocated based on billed capacity • Remaining costs allocated to Logistics and allocated based on estimated number of deliveries
• 51-86 O&M Piped Sewer	• Collection • Pumping	• Most costs allocated to Piped customers • Some costs allocated to hauled system because of pumping into QFC2 lift station • Allocate these costs to hauled customers	• Allocate costs based on contribution to overall flow • Hauled sewer enters piped system via QFC 2 lift station; Approx. 35,000 gallons per day • Assume hauled flow = approx. 12% of total flow through piped sewer system
• 51-87 O&M Lagoon	• Settling pond	• All flows enter lagoon via piped system or from trucks	• Allocated based on percentage of total flow from piped and hauled customers

Exhibit 3-19 presents the sewer utility O&M cost allocation to different system characteristics by utility cost center.

EXHIBIT 3-19
Sewer Utility O&M Cost Allocation to System Functions
City of Bethel Water and Sewer Rate Study

Cost Center	Lagoon	Piped Sewer	Hauled/ Logistics	Hauled/ Pumped	Billing
Billing					
Personnel					100%
Other O&M					100%
O&M Lagoon					
Personnel Costs	100%				
Other O&M Costs	100%				
O&M Piped Sewer					
Personnel		85%		15%	
Other O&M costs		85%		15%	
O&M Hauled Sewer					
Personnel Costs			45%	55%	
Gas/Diesel			45%	55%	
Vehicle Maintenance			45%	55%	
Other O&M			45%	55%	

Allocation of costs for the billing, O&M Piped sewer, and O&M Sewer Lagoon cost centers were described previously in **Exhibit 3-18**. Further discussion on the allocation process for O&M Hauled Sewer is presented below:

- O&M Hauled Sewer: Operating costs for the hauled system were allocated between two primary processes: Logistics and Pumping. **Exhibit 3-20** presents the process of allocating driver personnel costs to the pumping function.

  Based on this estimate, 55 percent of driver time is spent on evacuating and servicing sewer tanks. This estimate also assumes that the pumping process occurs twice: once while servicing the tank and once while pumping into the QFC2 lift station or directly into the sewer lagoon. The remaining 45 percent of the time is allocated to the logistics process. All O&M Hauled costs were allocated using these same percentages.

EXHIBIT 3-20
Allocation of O&M Hauled Personnel Cost to Pumping
City of Bethel Water and Sewer Rate Study

Total O&M Hauled Personnel Costs (FY 2013)	$1,005,081
Total Driver Personnel Costs	$929,553
Driver Cost per Hour	$49.66
Driver Cost per Minute	$0.83
Pumping Rate (gallons/minute)	180
Total Hauled Billed Capacity	55,946,850
Personnel Cost Allocated to Pumping	$514,458
% of Total Driver Personnel Time	55%

3.3.2 Cost Allocations to Service Characteristics

Exhibit 3-21 shows the allocation of Operation & Maintenance Costs to service characteristics.

EXHIBIT 3-21
Sewer Utility O&M Cost
City of Bethel Water and Sewer Rate Study

Cost Center	Lagoon	Piped Sewer	Hauled/ Logistics	Hauled/ Pumped	Billing	Total
Billing						
Personnel					$73,791	$73,791
Other O&M					$15,999	$15,999
O&M Lagoon						
Personnel Costs	$80,713					$80,713
Other O&M Costs	$48,728					$48,728
O&M Piped Sewer						
Personnel		$315,305		$53,503		$368,807
Other O&M costs		$176,442		$29,940		$206,382
O&M Hauled Sewer						
Personnel Costs			$410,724	$509,042		$919,766
Gas/Diesel			$55,657	$68,980		$124,638

EXHIBIT 3-21
Sewer Utility O&M Cost
City of Bethel Water and Sewer Rate Study

Cost Center	Lagoon	Piped Sewer	Hauled/ Logistics	Hauled/ Pumped	Billing	Total
Vehicle Maintenance			$158,374	$196,285		$354,658
Other O&M			$91,654	$113,594		$205,248
Total	**$129,441**	**$491,747**	**$716,409**	**$971,342**	**$89,791**	**$2,398,730**

Exhibit 3-22 presents a summary of the customer class service characteristics. Using the summary measures of the various service characteristic units developed in this table in conjunction with the revenue requirements allocated to the service characteristics, unit costs associated with each service characteristic can be calculated.

EXHIBIT 3-22
Sewer Service Characteristic Billing Units by Customer Class, FY 2013
City of Bethel Water and Sewer Rate Study

User Characteristics	Hauled	Piped	Total
No. of Customers	1,125	474	1,599
Total Effluent	27,951,881	63,941,924	91,893,806
% of Total	30%	70%	
Estimated Billed Capacity/Usage	55,946,850	63,941,924	
Commercial		42,631,584	
Residential		21,310,340	
Total Equivalent Deliveries	48,168		

The unit costs are presented in **Exhibit 3-23**. Based on the unit costs calculated in **Exhibit 3-20** and the demands for service at the customer class level presented in **Exhibit 3-19**, the service characteristic costs associated with providing service to each customer class are calculated.

EXHIBIT 3-23
Development of Billing Unit Costs, FY 2013
City of Bethel Water and Sewer Rate Study

Unit Costs	Hauled	Piped	Unit
Billing	$4.68	$4.68	$/customer/month
O&M Lagoon	$0.70	$1.41	$/1000 gallons
Piped Sewer	$1.49	$7.69	$/1000 gallons
Hauled Sewer-pumping	$15.87	NA	$/1000 gallons
Hauled Sewer-logistics	$14.87	NA	$/equivalent delivery

The summary of all service characteristic costs for a specific customer class is the estimated cost of service for that class and from a cost of service standpoint is the measure of rate revenue that under equitable conditions would be recovered from that class. These customer class costs for FY 2013 for the water system are presented in **Exhibit 3-24**. The cost per thousand gallons of effluent for the hauled and piped system is $64.05 and $9.52,

respectively. Based on this metric, it cost over six times as much to collect and deliver sewage from the hauled system than the piped system. It should be noted that the production cost may differ from the billing rate as the billing units may differ from production units. For example, the hauled customers are billed based on tank capacity and not on actual sewage pumped.

EXHIBIT 3-24
Development of Estimated Customer Class Cost of Service, FY 2013
City of Bethel Water and Sewer Rate Study

Cost Center	Hauled	Piped	Total
Billing	$63,167	$26,623	$89,791
O&M Lagoon	$39,373	$90,068	$129,441
Piped Sewer	$83,442	$491,747	$575,189
Hauled Sewer-pumping	$887,900	0	$887,900
Hauled Sewer-logistics	$716,409	0	$716,409
Total	$1,790,292	$608,439	$2,398,730
% of Total	75%	25%	
Total Effluent	27,951,881	63,941,924	91,893,806
$/000 gallons Effluent	$64.05	$9.52	$26.10

Providing service to the hauled sewer system requires 7 service trucks driving approximately 9,500 miles per year per truck, or nearly 67,000 miles total. The total cost of providing service to the hauled system, including pumping costs, was estimated to be nearly $1.8 million. The average cost per mile for providing service to the hauled sewer system is approximately $27.00 per mile.

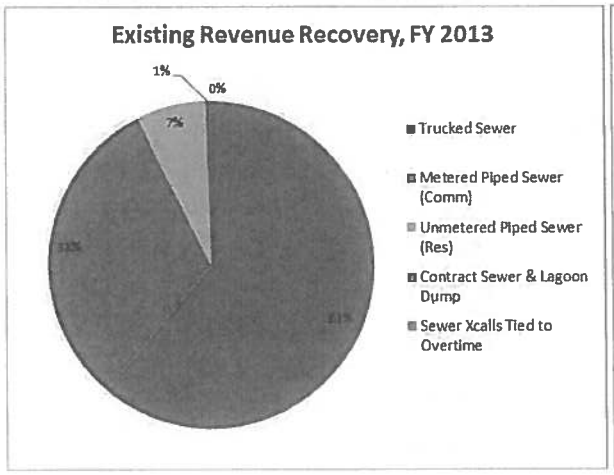
For the piped system, there is approximately 77,000 linear feet of sewer pipe and service lines. The total cost of providing service to the piped system was estimated to be approximately $608,000. The average cost per linear foot of sewer pipe is approximately $8.00 per linear foot. It should be noted that it is not an equitable evaluation to compare the cost per mile for the hauled system to the cost per linear foot of the piped system.

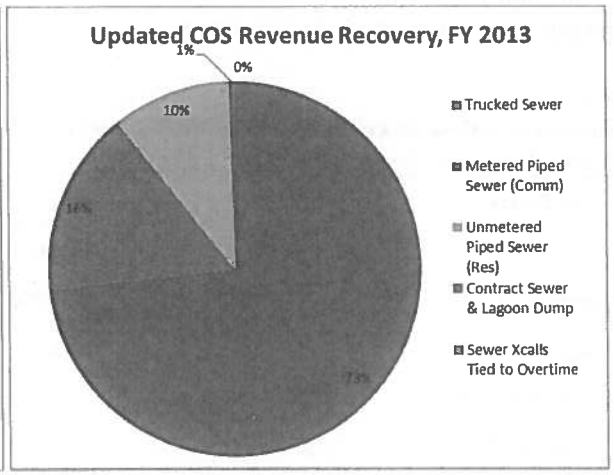
Exhibit 3-25 presidents the revenue recovery by customer class under calculated cost of service rates and existing rates. Hauled sewer customers are allocated 73 percent of total requirements under cost of service versus 61 percent under existing rates. Piped commercial customers are allocated 16 percent of total requirements under cost of service while accounting for 31 percent under existing rates. Piped residential customers are allocated a slightly larger share of revenue recovery under cost of service rates when compared to existing rates. When compared to existing revenues, hauled sewer customers were allocated a larger share of revenue recovery responsibility based on the results of this cost of service analysis.

EXHIBIT 3-25

Cost of Service Revenue Recovery by Customer Class, FY 2013

City of Bethel Water and Sewer Rate Study





SECTION 4

Water and Sewer Rate Design

The purpose of this section is to develop a schedule of rates that will recover system revenue requirements equitably from the customer classes based on their allocated cost of service. Cost allocations, as discussed in the previous section, determined the cost of providing service to each customer class. This section will use those cost allocations to develop a set of proposed rates that are designed to recover the costs of serving each customer class from the users composing that class.

The rates presented in this report assume that the annual increase in revenue requirements will be covered by rate increases. For hauled customers, a small sample of customer rates will be presented in this section. For a complete rate schedule, see Appendix C.

4.1 Water Rate Design

4.1.1 Existing Water Rate Schedule

Bethel charges its hauled water customers a rate based on the capacity of the water tank and the frequency of water delivery. For customers requiring additional delivery outside their normal delivery schedule, the City has an extra delivery schedule. **Exhibit 4-1** presents the current hauled water rate structure.

EXHIBIT 4-1
Current Hauled Water Rates, FY 2012/13
City of Bethel Water and Sewer Rate Study

Capacity	1 Time/Month	2 Times/Month	1 Time/Week	2 Times/Week	3 Times/Week	4 Times/Week	Extra Call/Delivery
100	$11.83	$27.90	$40.27	$64.86	$74.73	$102.72	
150	$13.75	$28.04	$57.21	$116.66	$178.30	$242.25	
200	$15.89	$32.52	$66.49	$135.88	$208.18	$283.34	$71.43
250	$17.90	$36.67	$75.08	$153.67	$235.77	$321.37	$74.05
300	$19.74	$40.48	$82.97	$170.02	$261.11	$356.72	$76.67
350	$21.40	$43.94	$90.17	$184.90	$284.24	$388.16	$79.28
400	$22.91	$47.07	$96.66	$198.35	$305.12	$416.91	$81.90
450	$24.25	$49.87	$102.42	$210.36	$323.75	$442.61	$84.51
500	$25.41	$52.28	$107.52	$220.91	$340.14	$465.22	$87.13
550	$28.42	$58.53	$120.44	$247.61	$381.55	$522.21	$89.75
600	$29.38	$60.45	$124.35	$255.59	$393.73	$538.75	$92.37
650	$33.27	$68.57	$141.25	$290.68	$448.34	$614.18	$94.98
700	$34.36	$70.79	$145.79	$299.93	$406.58	$633.40	$97.59
750	$35.48	$73.08	$150.47	$309.48	$477.08	$653.21	$100.21
800	$40.81	$84.29	$173.79	$358.05	$552.79	$749.30	$102.83
850	$42.14	$86.99	$179.29	$369.29	$569.99	$781.39	$105.45
900	$43.50	$89.76	$184.94	$380.82	$587.63	$805.36	$108.07
1000	$46.32	$95.51	$196.69	$404.76	$624.22	$855.04	$113.29

EXHIBIT 4-1
Current Hauled Water Rates, FY 2012/13
City of Bethel Water and Sewer Rate Study

Capacity	1 Time/Month	2 Times/Month	1 Time/Week	2 Times/Week	3 Times/Week	4 Times/Week	Extra Call/Delivery
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

For the piped water system, the City charges a flat residential fee for piped water service of $125.08 per dwelling unit. The current fee schedule also has meter and volume charges for piped water. However, at this time, all residential customers are charge the flat rate, regardless of whether they have a meter. Commercial customers are charged a volume rate of $26.50 per thousand gallons of water consumption. Commercial customers do not pay a monthly service charge. Customers can also purchase water from the Bethel Heights Treatment plant at a self-service site. The rate is approximately $0.03 per gallon. Piped water rates are presented in **Exhibit 4-2**.

EXHIBIT 4-2
Current Piped Water Rates, FY 2012/13
City of Bethel Water and Sewer Rate Study

Rate	Residential	Commercial
Flat Rate Residential ($/mo)	$125.08	NA
Meter Charge Residential ($/mo)	$64.00	NA
Volume Charge ($/000 gallons)	$26.00	$26.50
Pump House Water ($/gallon)	$0.03	

4.1.2 Cost of Service Water Rates

Exhibit 4-3 presents rates generated from the cost of service analysis. The cost of service rates are designed to recover system revenue requirements; however, the revenue responsibility may have shifted from one class to another based on the allocation of system costs and on user characteristics. The rates presented in the table are for FY 2013. Based on the future revenue requirements, additional rate increases will also be necessary.

EXHIBIT 4-3
Cost of Service Water Rates, FY 2013
City of Bethel Water and Sewer Rate Study

Customer Class	Rate
Hauled Water, 1000 Gallons/1x per week	$166.31
Hauled Water, 500 gallons/1x per week	$114.38
Residential Piped, Flat Rate ($/mo)	$187.72
Commercial Rate ($/1000 gal)	$36.92

Based on the cost of service analysis, revenue recovery shifted from hauled water service to piped water service. Most hauled water customers would see a reduction in their monthly rates while residential piped water customers would experience a significant increase in their flat monthly fee. Commercial rates experienced an increase when compared to existing rates, but not as significant as residential customers. Some hauled water customers with tanks sizes under 1000 gallons would experience a modest increase over existing rates. **Exhibit 4-4** presents a comparison of calculated cost of service rates to existing rates.

EXHIBIT 4-4
Monthly Bill Comparison
City of Bethel Water and Sewer Rate Study

		COS Rates	
Customer Class	Existing	Sample Bill	% Change over Existing
Hauled Water, 1000 Gallons/1x per week	$196.69	$166.31	-15%
Hauled Water, 500 gallons/1x per week	$107.52	$114.38	6%
Residential Piped, Flat Rate ($/mo)	$125.08	$187.72	50%
Commercial Rate ($/1000 gal)	$397.50	$553.76	39%

Notes:
[1] Metered commercial bill based on monthly water use of 15,000 gallons

4.1.3 Two Zone COS Water Rates

An alternative rate design strategy for hauled water customers would be to develop a separate set of rates to reflect the higher transportation costs associated with providing service to customers located farther from the water treatment facilities. For this analysis, the following areas of the water utility's service area were grouped to form a second delivery zone for the hauled water utility: Kasayuli subdivision, Larsen subdivision, Tundra Ridge subdivision, and hauled water customers located near the airport. **Exhibit 4-5** presents the customer characteristics for the two zone structure.

EXHIBIT 4-5
2 Zone User Characteristics, FY 2013
City of Bethel Water and Sewer Rate Study

	Zone 1	Zone 2
No. of Customers	739	411
Estimated Billed Capacity	27,405,050	18,241,200
Delivery Equivalents	38,154	39,832

The creation of a two zone structure would only impact the delivery component of the rate. The component of the rate that recovers the cost to produce and treat water at the treatment facilities is not affected by the two zone structure. A delivery surcharge would be applied to the customers in the second zone to recover the additional time and materials it takes to serve these customers. Based on discussion with city staff, it was estimated that it takes on average approximately twice as long to serve customers located in the second zone. It should be noted that the 2 zone system only impacts the rates for the hauled water customers. Rates for the piped water system would be the same as those presented in **Exhibit 4-3** in the COS Water Rate section.

Exhibit 4-6 presents the proposed cost of service rates for a sample of hauled water customers. Under this rate structure, a customer with a 1000 gallon tank that receives service once a week would experience a decrease in its water rate of 23 percent when compared to existing rates. The same customer in Zone 2 would experience a small increase of one percent. For a customer that has 500 gallon tank and service one time per week, the Zone 1 customer would experience a decrease of seven percent when compared to existing rates. However, the customer in zone 2 would experience an increase of 33 percent. The higher increase in cost for the small size tank reflects the impact of the delivery surcharge and the fact the delivery component comprises a larger percentage of the overall rate.

EXHIBIT 4-6
Two Zone Cost of Service Water Rates, FY 2013
City of Bethel Water and Sewer Rate Study

		COS Rates		% Change from Existing	
Customer Class	Existing	Zone1	Zone2	Zone 1	Zone 2
Hauled Water, 1000 Gallons/1x per week	$196.69	$151.46	$194.76	-23%	-1%
Hauled Water, 500 gallons/1x per week	$107.52	$99.54	$142.83	-7%	33%

4.1.4 Phased-In COS Water Rates

This strategy would phase in rates that closer align with the cost of service analysis over several years. The phased-in approach would not lower existing rates for any customer class. It would also apply different levels of rate increase to different customer classes to phase-in cost of service rates. Some customers would experience larger percentage increases when compared to other customers to reflect the shift in cost recovery from one class to another. There would also be some hauled water customers that experience a greater percentage rate increase than other hauled customers. This would be most noticeable for customers with tank sizes less than 500 gallons.

For piped commercial customers, water rates were set below the suggested COS rate to off-set sewer rates that are currently above COS levels. This approach will generate a combined water and sewer bill that by FY 2016/17 achieves estimated COS levels.

Exhibit 4-7 presents the projected phased in cost of service rates for a sample of customers over the analysis period. For a complete rate schedule for hauled water customers for FY 2013/14 through FY 2017/18 please see **Appendix C.**

4.1.5 Water Rate Revenue Adjustments

As discussed in the previously, in order to generate sufficient revenues to cover the water system's projected costs, an increase in water rate revenues of 12.0 percent in FY 2013/14, 8.0 percent in FY 2014/15 and FY 2015/16, and 4.0 percent per year through FY 2022/23 are projected. **Exhibit 4-8** presents the projected rates under the existing rate structure and proposed cost of service rate options.

EXHIBIT 4-7
Phased in Cost of Service Water Rates
City of Bethel Water and Sewer Rate Study

Sample Rates	Existing	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Hauled, 1000 Gallons/1x per week	$196.69	$209.53	$216.92	$224.58	$232.50	$241.80	$251.47	$261.53	$272.00	$282.87	$294.19
2 Zone Hauled, 1000 Gallon/1x per week Zone 1	$196.69	$204.83	$207.15	$209.51	$211.89	$220.36	$229.18	$238.34	$247.88	$257.79	$268.11
2 Zone Hauled, 1000 Gallon/1x per week Zone 2	$196.69	$217.73	$234.49	$252.53	$271.97	$282.85	$294.16	$305.93	$318.17	$330.89	$344.13
Residential Flat Rate ($/month)	$125.08	$149.47	$178.61	$213.43	$255.04	$265.24	$275.85	$286.88	$298.36	$310.29	$322.70
Commercial Rate ($/000 gallon)	$26.50	$29.95	$33.84	$38.24	$43.21	$44.94	$46.73	$48.60	$50.55	$52.57	$54.67

EXHIBIT 4-8
Projected Water Rate Design Options
City of Bethel Water and Sewer Rate Study

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Annual Projected Rate Increase		12%	8%	8%	4%	4%	4%	4%	4%	4%	4%
Hauled Water, 1000 Gallons/1x per week											
Existing	$196.69	$220.29	$237.92	$256.95	$267.23	$277.92	$289.03	$300.59	$312.62	$325.12	$338.13
COS	$166.31	$186.27	$201.17	$217.26	$225.95	$234.99	$244.39	$254.17	$264.34	$274.91	$285.91
1 Zone Phased COS	$196.69	$209.53	$216.92	$224.58	$232.50	$241.80	$251.47	$261.53	$272.00	$282.87	$294.19
Phased COS Zone 1	$196.69	$204.83	$207.15	$209.51	$211.89	$220.36	$229.18	$238.34	$247.88	$257.79	$268.11
Phased COS Zone 2	$196.69	$217.73	$234.49	$252.53	$271.97	$282.85	$294.16	$305.93	$318.17	$330.89	$344.13
Hauled Water, 500 gallons/1x per week											
Existing	$107.52	$120.42	$130.06	$140.46	$146.08	$151.92	$158.00	$164.32	$170.89	$177.73	$184.84
COS	$114.38	$128.11	$138.36	$149.43	$155.40	$161.62	$168.08	$174.81	$181.80	$189.07	$196.63
1 Zone Phased COS	$110.95	$121.12	$132.80	$145.61	$159.65	$166.04	$172.68	$179.59	$186.77	$194.24	$202.01
2 Zone Phased COS Zone 1	$107.52	$117.09	$124.00	$131.31	$139.06	$144.62	$150.41	$156.43	$162.68	$169.19	$175.96
2 Zone Phased COS Zone 2	$107.52	$127.85	$148.18	$171.75	$199.07	$207.03	$215.31	$223.93	$232.88	$242.20	$251.89
Piped Residential Monthly Flat Rate ($/mo)											
Existing	$125.08	$140.09	$151.30	$163.40	$169.94	$176.73	$183.80	$191.16	$198.80	$206.75	$215.02
COS	$187.72	$210.24	$227.06	$245.23	$255.04	$265.24	$275.85	$286.88	$298.36	$310.29	$322.70
Phased COS	$125.08	$149.47	$178.61	$213.43	$255.04	$265.24	$275.85	$286.88	$298.36	$310.29	$322.70
Piped Commercial Rate ($/000 gallons)											
Existing	$26.50	$29.68	$32.05	$34.62	$36.00	$37.44	$38.94	$40.50	$42.12	$43.80	$45.56
COS	$36.92	$41.35	$44.66	$48.23	$50.16	$52.16	$54.25	$56.42	$58.68	$61.02	$63.46
Phased COS	$26.50	$29.95	$33.84	$38.24	$43.21	$44.94	$46.73	$48.60	$50.55	$52.57	$54.67

Note: The Phased In strategy includes different annual rate increases by customer class.

4.2 Sewer Rate Design

4.2.1 Existing Sewer Rate Schedule

Exhibit 4-9 presents the current hauled sewer rate structure. Like the water system, there is a separate schedule for extra calls outside the normal delivery schedule.

EXHIBIT 4-9
Current Hauled Sewer Rates, FY 2012/13
City of Bethel Water and Sewer Rate Study

Capacity	1 Time/Month	2 Times/Month	1 Time/Week	2 times/week	3 Times/Week	4 Times/Week	Extra Call/Delivery
100	$10.70	$21.40	$42.79	$85.57	$128.35	$171.13	
150	$13.64	$27.27	$54.53	$109.06	$163.58	$218.11	
200	$14.64	$29.28	$58.56	$117.11	$175.67	$234.22	$65.95
250	$15.64	$31.27	$62.54	$125.08	$187.62	$250.16	$67.20
300	$16.65	$33.29	$66.57	$133.14	$199.71	$266.28	$68.45
350	$17.65	$35.30	$70.60	$141.20	$211.79	$282.39	$69.70
400	$18.66	$37.32	$74.63	$149.25	$223.88	$298.50	$70.95
450	$19.67	$39.33	$78.66	$157.31	$235.96	$314.61	$72.20
500	$20.67	$41.34	$82.68	$165.36	$248.04	$330.72	$73.45
550	$21.67	$43.34	$86.67	$173.34	$260.00	$346.67	$74.68
600	$22.68	$45.35	$90.70	$181.39	$272.09	$362.78	$75.94
650	$23.69	$47.37	$94.73	$189.45	$284.17	$378.89	$77.19
700	$24.69	$49.38	$98.75	$197.50	$296.25	$395.00	$78.43
750	$25.70	$51.39	$102.78	$205.56	$308.34	$411.12	$79.68
800	$26.70	$53.39	$106.77	$213.53	$320.29	$427.06	$80.93
850	$27.70	$55.40	$110.80	$221.59	$332.38	$443.17	$82.17
900	$28.71	$57.41	$114.82	$229.64	$344.46	$459.28	$83.42
1000	$30.72	$61.44	$122.88	$245.76	$368.63	$491.51	$85.92
1200	$34.74	$69.48	$138.95	$277.89	$416.84	$555.78	$90.91
1400	$38.76	$77.51	$155.02	$310.03	$465.05	$620.06	$95.90
1500	$40.77	$81.54	$163.08	$326.15	$489.22	$652.29	$98.40
1750	$45.80	$91.59	$183.17	$366.34	$549.51	$732.68	$104.63
2000	$50.82	$101.64	$203.27	$406.54	$609.80	$813.07	$110.88
2500	$60.87	$121.74	$243.47	$486.93	$730.39	$973.85	$123.35
3000	$70.92	$141.83	$283.66	$567.32	$850.97	$1,134.63	$135.83
3500	$80.97	$161.93	$323.86	$647.71	$971.56	$1,295.41	$147.40
4000	$101.64	$203.27	$406.54	$813.07	$1,219.60	$1,626.13	$220.85
5000	$121.74	$243.47	$486.94	$973.86	$1,460.78	$1,947.70	$245.80

Residential customers connected to the piped sewer system pay a flat fee of $33.92 per month. Commercial accounts pay a fee based on their metered water use of $17.49 per 1,000 gallons. Piped sewer rates are presented in **Exhibit 4-10**.

EXHIBIT 4-10
Current Piped Sewer Rates, FY 2012/13
City of Bethel Water and Sewer Rate Study

Rate	Residential	Commercial
Flat Rate Residential ($/mo)	$33.92	NA
Volume Charge ($/000 gallons)	NA	$17.49
Sewage Dump Fee ($/000 gallons)	$4.39	

4.2.2 Cost of Service Sewer Rates

Exhibit 4-11 presents rates generated from the cost of service analysis. The cost of service rates are designed to recover system revenue requirements; however, the revenue responsibility may have shifted from one class to another based on the allocation of system costs and on user characteristics. The rates presented in the table are for FY 2013. Based on the future revenue requirements, additional rate increases will also be necessary.

EXHIBIT 4-11
Cost of Service Sewer Rates, FY 2013
City of Bethel Water and Sewer Rate Study

Customer Class	Rate
Hauled Sewer, 1000 Gallons/1x per week	$147.41
Hauled Sewer, 500 gallons/1x per week	$108.27
Residential Piped, Flat Rate ($/mo)	$50.17
Commercial Rate ($/1000 gal)	$9.10

Based on the cost of service analysis, revenue recovery shifted primarily from piped commercial service to piped residential service. **Exhibit 4-12** presents a comparison of cost of service rates to existing rates. Most hauled sewer customers would also see an increase in their monthly rate. Some hauled water customers with tanks sizes under 1000 gallons would experience a larger percentage increase over existing rates primarily because of the delivery costs. Commercial customers would experience a decrease in their volume charge. The resulting bill, based on an average monthly water use of 15,000 gallons per month, would decrease about 48 percent under COS rates when compared to existing rates.

EXHIBIT 4-12
Monthly Bill Comparison
City of Bethel Water and Sewer Rate Study

		COS Rates	
Customer Class	Existing	Sample Bill	% Change over Existing
Hauled Water, 1000 Gallons/1x per week	$122.88	$147.41	20%
Hauled Water, 500 gallons/1x per week	$82.68	$108.27	31%
Residential Piped, Flat Rate ($/mo)	$33.92	$50.17	48%
Commercial Rate ($/1000 gal)	$262.35	$136.49	-48%

Notes:
[1] Metered commercial bill based on monthly water use of 15,000 gallons

4.2.3 Phased-In COS Sewer Rates

This strategy would phase in rates that closer align with the cost of service analysis over several years. The phased-in approach would not lower existing rates for any customer class. It would also apply different levels of rate increase to different customer classes to phase-in cost of service rates. Some customers would experience larger percentage increases when compared to other customers to reflect the shift in cost recovery from one class to another.

For piped commercial customers, existing sewer rates are already above estimated COS rates. The Phased COS approach suggests not increasing the sewer rate over the next five years. Because sewer revenues for piped commercial will be generating revenues above COS levels, water rates for piped commercial under the Phased COS scenario were adjusted below the suggested COS rate. This approach will generate a combined water and sewer bill that by FY 2016/17 achieves estimated COS levels.

Exhibit 4-13 presents the projected phased in cost of service rates over the analysis period.

4.2.4 Sewer Rate Revenue Adjustments

To generate sufficient revenues to cover the water system's projected costs, an increase in sewer rate revenues of 3.0 percent per year from FY 2013/14 through FY 2016/17, and 4.0 percent per year from FY 2017/18 through FY 2022/23 are projected. **Exhibit 4-14** presents the projected rates under the existing rate structure and proposed cost of service rate options.

4.3 Sample Combined Monthly Bills

Sample bills under current rates, cost of service rates, and phased-in cost of service rates for hauled, flat rate residential, and piped commercial are shown in **Exhibits 4-15** through **Exhibit 4-17**. The sample bills reflect the changes in the design of the rates and include the first 5 years of proposed rate increases. The bills under existing rates represent customer bills under a uniform rate increase scenario. Under the cost of service option, bills for unmetered residential piped customers and metered commercial customers increase dramatically while a hauled customer with a 1,000 gallon tank that receives service once per week experiences a slight decrease. A customer in the proposed second zone of hauled service would experience a larger increase than under current rates as the rate reflects the higher cost to serve these customers. It should be noted that some hauled customers may not experience the same percentage changes to their bills as the customer type used in this example. Under the phased cost of service approach, cost of service rates would be phased in over time.

EXHIBIT 4-13
Phased in Cost of Service Sewer Rates
City of Bethel Water and Sewer Rate Study

Sample Rates	Existing	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Hauled, 1000 Gallon/1x per week	$122.88	$134.07	$146.27	$159.58	$174.11	$181.08	$188.32	$193.97	$199.79	$205.78	$211.95
Residential Flat Rate ($/month)	$33.92	$39.09	$45.05	$51.92	$59.83	$62.22	$64.71	$66.66	$68.65	$70.71	$72.84
Commercial Rate ($/000 gallon)	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49

EXHIBIT 4-14
Projected Sewer Rate Design Options
City of Bethel Water and Sewer Rate Study

	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023
Annual Projected Rate Increase		5%	5%	4%	4%	4%	4%	3%	3%	3%	3%
Hauled Sewer, 1000 Gallons/1x per week											
Existing	$122.88	$129.02	$135.48	$140.89	$146.53	$152.39	$158.49	$163.24	$168.14	$173.18	$178.38
COS	$147.41	$154.78	$162.52	$169.02	$175.79	$182.82	$190.13	$195.83	$201.71	$207.76	$213.99
Phased In COS	$122.88	$134.07	$146.27	$159.58	$174.11	$181.08	$188.32	$193.97	$199.79	$205.78	$211.95
Hauled Sewer, 500 gallons/1x per week											
Existing	$82.68	$86.81	$91.15	$94.80	$98.59	$102.54	$106.64	$109.84	$113.13	$116.53	$120.02
COS	$108.27	$113.69	$119.37	$124.14	$129.11	$134.27	$139.65	$143.83	$148.15	$152.59	$157.17
Phased In COS	$82.68	$92.20	$102.83	$114.67	$127.88	$181.08	$188.32	$193.97	$199.79	$205.78	$211.95
Piped Residential Monthly Flat Rate ($/mo)											
Existing	$33.92	$35.62	$37.40	$38.89	$40.45	$42.07	$43.75	$45.06	$46.41	$47.81	$49.24
COS	$50.17	$52.68	$55.32	$57.53	$59.83	$62.22	$64.71	$66.66	$68.65	$70.71	$72.84
Phased In COS	$33.92	$39.09	$45.05	$51.92	$59.83	$62.22	$64.71	$66.66	$68.65	$70.71	$72.84
Piped Commercial Rate ($/000 gallons)											
Existing	$17.49	$18.36	$19.28	$20.05	$20.86	$21.69	$22.56	$23.23	$23.93	$24.65	$25.39
COS	$9.10	$9.55	$10.03	$10.43	$10.85	$11.28	$11.74	$12.09	$12.45	$12.82	$13.21
Phased In COS	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49	$17.49

Note: The Phased In strategy includes different annual rate increases by customer class.

EXHIBIT 4-15
Combined Monthly Water and Sewer Bill, Hauled Customer 1000 gallon/1x per week
City of Bethel Water and Sewer Rate Study

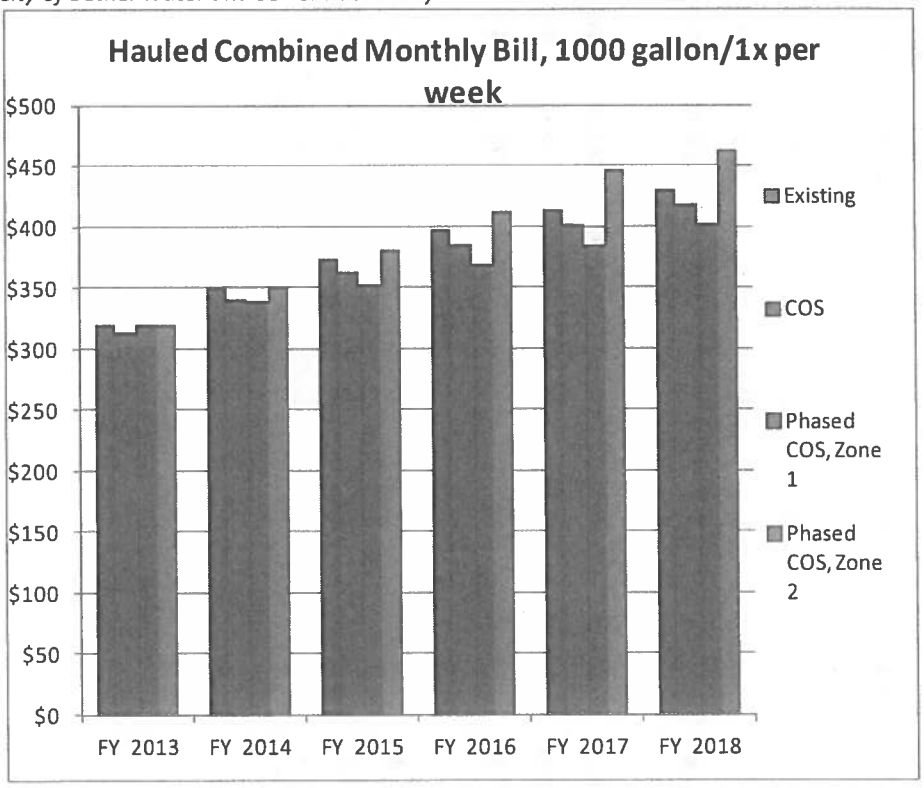


EXHIBIT 4-16
Combined Monthly Water and Sewer Bill, Flat Rate Piped Residential
City of Bethel Water and Sewer Rate Study

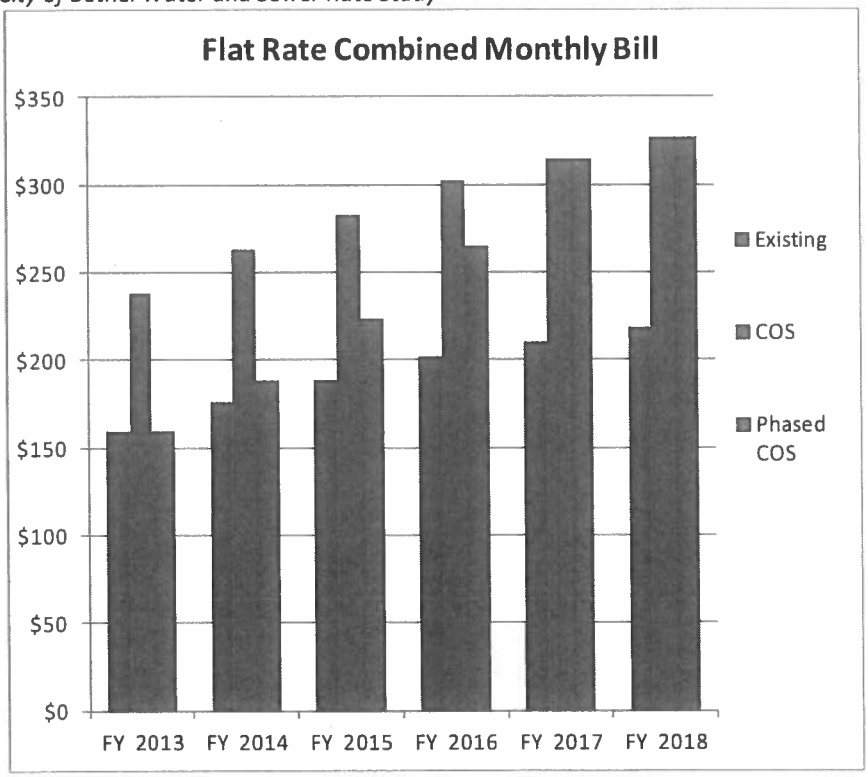
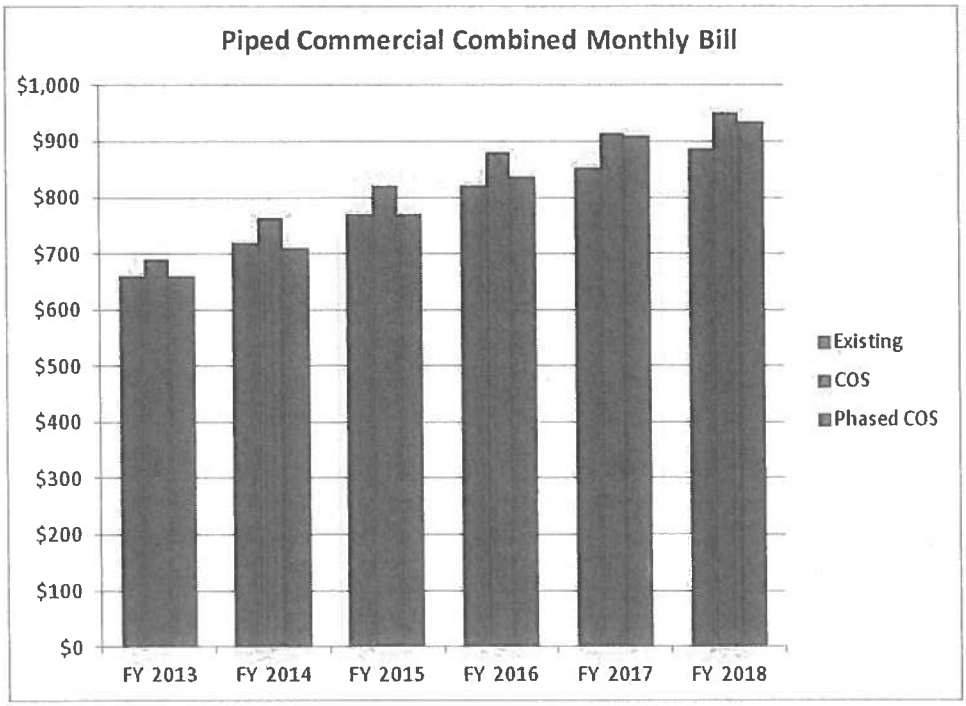


EXHIBIT 4-17
Combined Monthly Water and Sewer Bill, Piped Commercial
City of Bethel Water and Sewer Rate Study



SECTION 5

Allocation of Estimated System Replacement Costs

Historically, the City of Bethel has relied on grants from the USDA to pay for capital improvements to both its water and sewer system. This has included projects to replace existing infrastructure as well as install new system components. The City recognizes that future funding of capital projects will require some level of contributions from rate payers as the amount of available grant funding is becoming more difficult to obtain.

In 2012, the City established a Subscription Fee of $5.00 per month per account to begin setting money aside for renewal and replacements. The fee is applied to both water and sewer accounts and is expected to generate approximately $200,000 per year. In addition to the subscription fee, customers on the hauled water and sewer system have been contributing money towards fleet replacement through their rates. The annual amount contributed to fleet replacement has ranged from $35,000 to $75,000 per year. For budget year FY 2013, the contribution for both hauled water and sewer was $35,000.

5.1.1 Estimated System Replacement Costs

This section will present a high level, order of magnitude cost estimate to replace the major system components of the water and sewer system and will estimate the associated annual depreciation expense. The annual depreciation expense is an estimate of the amount that the City would need to set aside annually if it wanted to fully fund the replacement of its existing facilities using this renewal and replacement account. It should be noted that there is no requirement that the City fully fund the replacement of its water and wastewater facilities using this account, but estimating this amount provides an upper limit for determining how much could be set aside for this purpose.

The estimated value of the system will be referred to as replacement cost new or RCN. It should be noted that these cost estimates were developed for the sole purpose of estimating the annual replacement cost new depreciation expense and should not be used for any other purpose beyond this report.

In order to estimate the RCN of the system, a number of sources and strategies were used. The sources included:

- City of Bethel 2005 Water and Sewer Master plan
- Recent contract awards
- 2010 Institutional Corridor Feasibility Study
- Water/Sewer Utility Asset Report
- Discussion with City staff

These sources provided information such as linear feet of water and sewer pipe, replacement cost for certain assets, and estimated design life. However, cost estimates and quantities for some system items were not available. The estimated RCN for the major components of the water and sewer system are presented in **Exhibit 5-1**. The estimated RCN, which includes a 15 percent contingency and a 25 percent allowance for administration and engineering, is approximately $121 million.

To estimate annual depreciation expenses, the following design life for major system components was assumed:

- Water/Sewer HDPE Pipe: 50 years
- Lift Stations: 25 years
- Treatment Plant: 30 years
- Lagoon: 25 years
- Well: 30 years
- Storage tank: 40 years
- Water/Sewer Trucks and Service Trucks: 8 years

The annual depreciation expense to replace the system assets presented in **Exhibit 5-1** is $4.3 million.

EXHIBIT 5-1
Estimated System Replacement Cost and Annual Depreciation Expense
City of Bethel Water and Sewer Rate Study

Description	Quantity	Unit	Unit Cost	Total	Design Life	Annual Dep	Allocation				Water Depreciation		Sewer Depreciation	
							Water	Sewer	Piped	Hauled	Piped	Hauled	Piped	Hauled
City Subdivision														
Loop A														
Water Main	12,156	l.f.	$200	$2,431,200	50	$48,624	100%	0%	100%	0%	$48,624	$0	$0	$0
Sewer Main	8,607	l.f.	$200	$1,721,400	50	$34,428	0%	100%	100%	0%	$0	$0	$34,428	$0
Service Lines	4,596	l.f.	$200	$919,200	50	$18,384	50%	50%	100%	0%	$9,192	$0	$9,192	$0
Loop B														
Water Main	9,375	l.f.	$200	$1,875,000	50	$37,500	100%	0%	100%	0%	$37,500	$0	$0	$0
Sewer Main	6,740	l.f.	$200	$1,348,000	50	$26,960	0%	100%	100%	0%	$0	$0	$26,960	$0
Service Lines	7,400	l.f.	$200	$1,480,000	50	$29,600	50%	50%	100%	0%	$14,800	$0	$14,800	$0
Loop C														
Water Main	1,364	l.f.	$200	$272,800	50	$5,456	100%	0%	100%	0%	$5,456	$0	$0	$0
Sewer Main	1,367	l.f.	$200	$273,400	50	$5,468	0%	100%	100%	0%	$0	$0	$5,468	$0
Service Lines	2,481	l.f.	$200	$496,200	50	$9,924	50%	50%	100%	0%	$4,962	$0	$4,962	$0
Bethel Heights														
Loop A														
Water Main	18,650	l.f.	$200	$3,730,000	50	$74,600	100%	0%	100%	0%	$74,600	$0	$0	$0
Sewer Main	14,000	l.f.	$200	$2,800,000	50	$56,000	0%	100%	100%	0%	$0	$0	$56,000	$0
Loop B														
Water Main	9,650	l.f.	$200	$1,930,000	50	$38,600	100%	0%	100%	0%	$38,600	$0	$0	$0
Sewer Main	7,000	l.f.	$200	$1,400,000	50	$28,000	0%	100%	100%	0%	$0	$0	$28,000	$0
Sewer Main														

EXHIBIT 5-1
Estimated System Replacement Cost and Annual Depreciation Expense
City of Bethel Water and Sewer Rate Study

Description	Quantity	Unit	Unit Cost	Total	Design Life	Annual Dep	Allocation				Water Depreciation		Sewer Depreciation	
							Water	Sewer	Piped	Hauled	Piped	Hauled	Piped	Hauled
FAA LS to QFC2 LS	5,000	l.f.	$200	$1,000,000	50	$20,000	0%	100%	85%	15%	$0	$0	$17,000	$3,000
QFC2 LS to City Sub WTP	10,000	l.f.	$300	$3,000,000	50	$60,000	0%	100%	85%	15%	$0	$0	$51,000	$9,000
City Sub WTP to Lagoon	10,000	l.f.	$300	$3,000,000	50	$60,000	0%	100%	85%	15%	$0	$0	$51,000	$9,000
Service Lift Stations														
Residential	176	ea	$20,000	$3,520,000	25	$140,800	0%	100%	100%	0%	$0	$0	$140,800	$0
Commercial	10	ea	$50,000	$500,000	25	$20,000	0%	100%	100%	0%	$0	$0	$20,000	$0
Lift Stations														
Main (2004)	1	each	$2,300,000	$2,300,000	25	$92,000	0%	100%	85%	15%	$0	$0	$78,200	$13,800
QFC No. 2 (2011)	1	each	$3,000,000	$3,000,000	25	$120,000	0%	100%	85%	15%	$0	$0	$102,000	$18,000
Kilbuck (1979)	1	each	$1,200,000	$1,200,000	25	$48,000	0%	100%	100%	0%	$0	$0	$48,000	$0
FAA (1998)	1	each	$1,200,000	$1,200,000	25	$48,000	0%	100%	100%	0%	$0	$0	$48,000	$0
ASHA/Bethel Heights	1	each	$1,200,000	$1,200,000	25	$48,000	0%	100%	100%	0%	$0	$0	$48,000	$0
AVCP #1 and #2	2	each	$750,000	$1,500,000	25	$60,000	0%	100%	100%	0%	$0	$0	$60,000	$0
Public Works City Shop (50% share)	1	each	$8,000,000	$8,000,000	40	$200,000	50%	50%	30%	70%	$30,000	$70,000	$30,000	$70,000
Water Treatment Plants														
Bethel Heights	1	each	$7,000,000	$7,000,000	30	$233,333	100%	0%	60%	40%	$140,000	$93,333	$0	$0
Well	2	each	$400,000	$800,000	30	$26,667	100%	0%	60%	40%	$16,000	$10,667	$0	$0
Water Storage Tank	428,000	gallon	$2	$856,000	40	$21,400	100%	0%	60%	40%	$12,840	$8,560	$0	$0
City Subdivision (2000)	1	each	$7,000,000	$7,000,000	30	$233,333	100%	0%	60%	40%	$140,000	$93,333	$0	$0
Well	1	each	$400,000	$400,000	30	$13,333	100%	0%	60%	40%	$8,000	$5,333	$0	$0
Water Storage Tank	505,000	gallon	$2	$1,010,000	40	$25,250	100%	0%	60%	40%	$15,150	$10,100	$0	$0

EXHIBIT 5-1

Estimated System Replacement Cost and Annual Depreciation Expense

City of Bethel Water and Sewer Rate Study

							Allocation				Water Depreciation		Sewer Depreciation	
Description	Quantity	Unit	Unit Cost	Total	Design Life	Annual Dep	Water	Sewer	Piped	Hauled	Piped	Hauled	Piped	Hauled
Wastewater Treatment														
Lagoon	1	each	$12,000,000	$12,000,000	25	$480,000	0%	100%	70%	30%	$0	$0	$336,000	$144,000
Trucks														
Hauled Water	9	each	$250,000	$2,250,000	8	$281,250	100%	0%	0%	100%	$0	$281,250	$0	$0
Hauled Sewer	7	each	$300,000	$2,100,000	8	$262,500	0%	100%	0%	100%	$0	$0	$0	$262,500
Service Trucks	16	each	$30,000	$480,000	8	$60,000	50%	50%	100%	0%	$30,000	$0	$30,000	$0
Subtotal				$83,990,000		$2,970,000					$630,000	$570,000	$1,240,000	$530,000
Contingency	0.15			$12,600,000		$450,000					$90,000	$90,000	$190,000	$80,000
Engineering/Admin	0.25			$24,150,000		$860,000					$180,000	$170,000	$360,000	$150,000
Total				$120,740,000		$4,280,000					$900,000	$830,000	$1,790,000	$760,000

Annual depreciation expenses were allocated to customer classes based on their respective share of system use. Estimated depreciation expenses were allocated to the following customer types: hauled water, piped water, hauled sewer, and piped sewer. The process to allocate estimated depreciation expenses followed the same process to allocate system operating expenses described in Section 3. The allocation percentages used to distribute depreciation expenses to different customer classes are presented in **Exhibit 5-2**.

Exhibit 5-2 presents the allocation of annual depreciation expenses to the different customer classes. Hauled water, piped water, and hauled sewer were each allocated approximately 20 percent of total depreciation expenses. Piped sewer received the largest allocation of approximately 40 percent. The reason piped sewer has a larger relative share of depreciation expenses is because of limited asset sharing with the hauled sewer system and shorter life of assets (i.e. lagoon and lift stations).

EXHIBIT 5-2
Allocation of Estimated Annual Depreciation Expense
City of Bethel Water and Sewer Rate Study

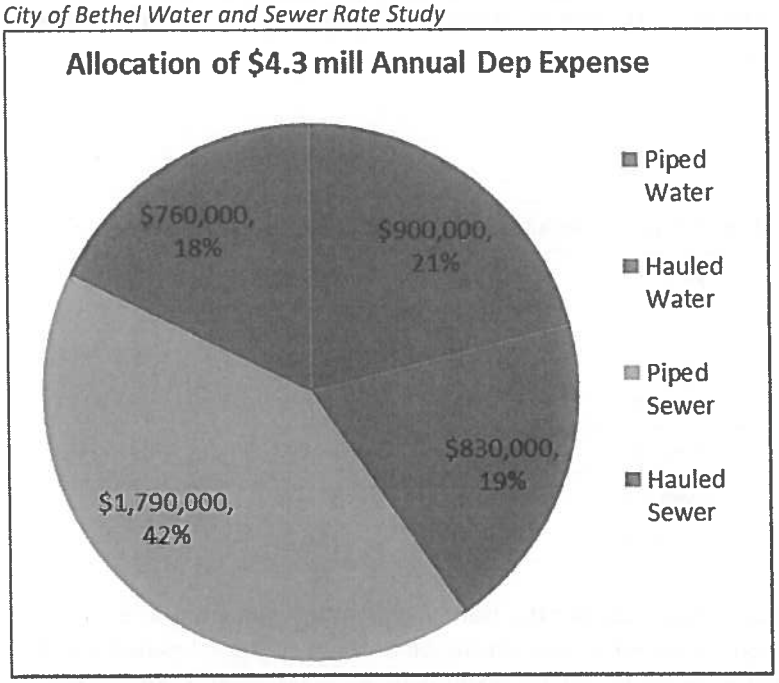


Exhibit 5-3 presents the estimated annual depreciation expense for each customer class per 1,000 gallons of water or sewer flow produced.

EXHIBIT 5-3
Annual Depreciation Expense per 1,000 gallons of Production
City of Bethel Water and Sewer Rate Study

	Piped Water	Hauled Water	Piped Sewer	Hauled Sewer
Annual System Depreciation	$900,000	$830,000	$1,790,000	$760,000
Water or WW Flow Produced (gallons)	46,263,490	31,057,646	63,941,924	27,951,881
Depreciation Cost/000 gallons	$19.45	$26.72	$27.99	$27.19

5.1.2 Estimated Rate Impact

If the City makes the decision to increase annual contributions to a renewal and replacement fund, the contributions will impact customer's rates. The City has the option to collect renewal and replacement funds through the monthly subscription fee or through rates. If the City were to recover the full $4.3 million in annual

replacement cost new depreciation expense through its current monthly charge per customer, the monthly fee would increase from $5 per account to $116 per account.

Alternatively, instead of funding this account through a charge per customer, the City could incorporate this charge into the water and sewer volume rates. Based on their use of the system components, this would result in volume rates for the system customers that would vary by customer class. The charges per thousand gallons would range from $11.75 per thousand gallons for hauled sewer, to $27.55 per thousand gallons for piped sewer.

For this analysis, it was assumed the funds would be included as part of water and sewer rates.

Exhibit 5-4 presents the depreciation cost per thousand gallons of billable units assuming the City funds the depreciation expense associated with full system replacement. In order to account for current contributions to capital and fleet and replacements, estimated subscription fee and fleet replacement revenues were subtracted from the estimated annual depreciation expense. It should be noted that billing units may differ from units of production. For example, hauled water and sewer customers are billed based on the capacity of the tank not on actual quantity of water used or sewage pumped. Therefore the billing units for the hauled system are higher than the production units, resulting in a lower charge per unit.

EXHIBIT 5-4
Depreciation Cost per 1,000 gallons of Billable Units
City of Bethel Water and Sewer Rate Study

	Piped Water	Hauled Water	Piped Sewer	Hauled Sewer
Annual System Depreciation	$900,000	$830,000	$1,790,000	$760,000
Less Current Contributions:				
Subscription Fees	$26,100	$62,220	$28,440	$67,500
Fleet Replacement	$0	$35,000	$0	$35,000
Subtotal	$873,900	$732,780	$1,761,560	$657,500
Billing Units (gallons)	32,409,741	45,646,250	63,941,924	55,946,850
Depreciation Cost/000 gallons	$26.96	$16.05	$27.55	$11.75

To estimate the impact on customer's bills, the depreciation cost per thousand gallon rate is applied to the customer's estimated usage. For example, an unmetered piped residential customer that uses an estimated 5,000 gallons of water per month would pay an additional $135 per month for water ($26.96*5000/1000=$134.82) and $138 per month for sewer ($27.55*5000/1000=$137.75). A customer on the hauled system that has a 1,000 gallon tank and receives service one time per week would pay approximately $64 for water service ($16.05*4000/1000=$64.20) and $47 for sewer service ($11.75*4000/1000=$47) per month for hauled service. These estimated monthly charges would be in addition to the rates presented in the previous section.

Fully funding the annual depreciation amount associated with the estimated replacement cost of the water and sewer system would have significant impacts on the existing customers in the form of much higher rates. The City could also consider establishing a renewal and replacement fund equal to the estimated replacement value of a critical system component or a reserve amount suggested by a funding agency. It may take the City multiple years to meet the targeted goal.

The City could use the allocation percentages presented in **Exhibit 5-5** to distribute the targeted funds reserved for renewal and replacements among the customer classes. **Exhibit 5-5** presents the estimated depreciation cost per 1000 gallons if the City set a target of $500,000 per year for renewal and replacement and recovered that amount through rates.

EXHIBIT 5-5
Depreciation Cost per 1,000 gallons of Billable Units: $500,000 annual target
City of Bethel Water and Sewer Rate Study

	Piped Water	Hauled Water	Piped Sewer	Hauled Sewer
Annual System Depreciation	$106,000	$96,000	$209,000	$89,000
Billing Units (gallons)	32,409,741	45,646,250	63,941,924	55,946,850
Dep Cost/000 gallons	$3.27	$2.10	$3.27	$1.59

Under this scenario, an unmetered piped residential customer that uses an estimated 5,000 gallons of water per month would pay approximately $16 each per month for water and sewer ($3.27*5000/1000=$16.35 each). A customer on the hauled system that has a 1,000 gallon tank and receives service one time per week would pay an additional $8.41 for water service ($2.10*4000/1000=$8.41) and $6.36 for sewer service ($1.59*4000/1000=$6.36) per month for hauled service. These estimated monthly charges would be in addition to the rates presented in the previous section.

The inclusion of additional renewal and replacement funding in the water and sewer rate at the same time as trying to make the utility self sufficient from an operating perspective will have a substantial effect on rate payers.

SECTION 6

Recommendations

Based on the study findings summarized in previous sections, the following recommendations are presented for the City's consideration:

1. Implement phased cost of service sewer rates in the current fiscal year (FY2013/14). The proposed cost of service rate schedule is presented in **Exhibit 3-10** for water and **Exhibit 3-18** for sewer. A full rate schedule can be found in Appendix X.
2. Implement a two zone rate structure for the hauled water system.
3. Pumphouse water should be $0.03 per gallon and increased annually by 12 percent in FY 2013/14, 8 percent in FY 2014/15 and FY 2015/16, and 4 percent in FY 2015/16 through FY 2017/18.
4. Select a reserve and replacement fund balance target and implement necessary water and sewer rate increases to achieve the target over a period of five to seven years.
5. Implement a data collection process to track data commonly used in financial and engineering studies. This would include developing a consistent tracking system for water production and demand at the water treatment plants that is tracked in both manual and electronic forms. It is also suggested that customer data such as number of accounts, usage, and meter size (commercial only) be summarized and tracked on an annual basis. Finally, conducting periodic studies of the hauled system that compares delivery times between delivery areas and tracks different functions (i.e. pumping, delivery) of the system would be beneficial.
6. Increase rates as needed in future years to meet the financial needs of the systems. The projected rate increases presented herein are based on the best available data and assumptions developed by the City and CH2M HILL as of March 2013. The City should review the financial plan annually and adjust the rates as needed to reflect current conditions and assumptions.

Appendices

APPENDIX A

Cash Flow, Scenario 2

EXHIBIT A-1

Projected Cash Flows, FY2012/13 through FY 2022/23, Scenario 2

City of Bethel Water and Sewer Rate Study

Description	Budget 2013	Projected 2014	Projected 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023
Beginning Balance	0	3,953	98,096	171,714	316,591	484,477	671,214	871,565	1,045,406	1,181,140	1,265,294
Trucked Sewer	1,497,500	1,588,099	1,684,179	1,769,061	1,858,222	1,951,876	2,050,251	2,132,876	2,218,831	2,308,250	2,401,272
Metered Piped Sewer (Comm)	766,500	812,873	862,052	905,500	951,137	999,074	1,049,427	1,091,719	1,135,716	1,181,485	1,229,099
Unmetered Piped Sewer (Res)	169,800	180,073	190,967	200,592	210,702	221,321	232,476	241,845	251,591	261,730	272,278
Contract Sewer & Lagoon Dump	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500
Sewer Xcalls Tied to Overtime	0	0	0	0	0	0	0	0	0	0	0
Trucked Water	2,225,000	2,516,920	2,745,456	2,994,744	3,145,679	3,304,221	3,470,754	3,645,680	3,829,422	4,022,425	4,225,155
Metered Piped Water - Commercial	260,000	294,112	320,817	349,948	367,585	386,111	405,571	426,012	447,483	470,036	493,726
Unmetered Piped Water - Residential	590,000	667,408	728,009	794,112	834,135	876,175	920,335	966,720	1,015,442	1,066,621	1,120,378
Contract Water	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500	6,500
Pumphouse Water	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000
Other Revenues	146,835	147,246	148,297	149,769	152,667	156,025	159,759	163,766	167,243	169,958	171,641
Transfers from General Fund	485,000	300,000	100,000	0	0	0	0	0	0	0	0
Total Sources of Funds	**6,172,635**	**6,542,684**	**6,909,873**	**7,367,439**	**7,868,717**	**8,411,281**	**8,991,788**	**9,572,183**	**10,143,134**	**10,693,644**	**11,210,843**
Hauled Water (51-81)	1,605,284	1,672,944	1,744,834	1,821,308	1,902,750	1,989,581	2,082,264	2,181,303	2,287,252	2,400,718	2,522,365
Piped Water (51-82)	399,819	414,697	430,372	446,903	464,357	482,803	502,318	522,988	544,903	568,164	592,881
Bethel Heights Treatment (51-83)	737,107	778,309	822,485	869,886	920,785	975,481	1,034,299	1,097,593	1,165,753	1,239,203	1,318,406

EXHIBIT A-1

Projected Cash Flows, FY2012/13 through FY 2022/23, Scenario 2

City of Bethel Water and Sewer Rate Study

Description	Budget 2013	Projected 2014	Projected 2015	Projected 2016	Projected 2017	Projected 2018	Projected 2019	Projected 2020	Projected 2021	Projected 2022	Projected 2023
City Sub Water Treatment (51-84)	738,478	778,167	820,574	865,917	914,435	966,385	1,022,049	1,081,733	1,145,770	1,214,526	1,288,395
Hauled Sewer (51-85)	1,681,330	1,747,571	1,817,670	1,891,934	1,970,701	2,054,340	2,143,254	2,237,884	2,338,712	2,446,267	2,561,128
Piped Sewer (51-86)	611,072	642,034	675,228	710,849	749,112	790,254	834,531	882,228	933,653	989,147	1,049,083
Sewer Lagoon (51-87)	138,829	144,830	151,224	158,045	165,330	173,120	181,460	190,397	199,987	210,287	221,362
Utility Billing (51-80)	186,763	193,587	200,786	208,390	216,431	224,945	233,970	243,548	253,726	264,555	276,089
Fleet Replacement Fund	70,000	72,450	74,988	77,616	80,338	83,157	86,078	89,103	92,237	95,483	98,846
Debt Service	0	0	0	0	0	0	0	0	0	0	0
Available Ending Fund Balance	3,953	98,096	171,714	-239,424	-98,055	60,368	230,455	371,916	472,973	519,953	497,060
Operating Contingency	0	0	0	556,014	582,532	610,846	641,110	673,490	708,167	745,341	785,229
Total Uses of Funds	**6,172,635**	**6,542,684**	**6,909,873**	**7,367,439**	**7,868,717**	**8,411,281**	**8,991,788**	**9,572,183**	**10,143,134**	**10,693,644**	**11,210,843**

APPENDIX B

Data

EXHIBIT B-1

Total Number of Hauled Water Customers

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week
100	0	0	0	0	0	0
150	0	0	0	0	0	0
200	1	0	2	0	0	0
250	0	1	1	0	0	0
300	10	49	39	11	0	0
350	2	6	9	0	0	0
400	2	11	11	2	1	0
450	2	5	13	0	1	0
500	16	57	82	24	1	0
550	1	3	9	2	0	1
600	5	29	39	7	0	0
650	1	7	8	0	0	0
700	1	6	7	1	0	0
750	9	43	31	3	0	0
800	2	17	21	7	1	0
850	0	4	8	0	0	0
900	4	20	21	4	0	0
1000	18	123	192	36	4	0
1200	0	16	8	1	0	0
1400	2	4	1	1	0	0
1500	5	19	17	6	1	0
1750	0	1	0	0	0	0
2000	0	2	6	4	2	0
2500	0	3	4	3	2	0
3000	0	0	0	2	1	0
3500	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	0	0	1	0
6000	0	0	0	0	0	0
7000	0	0	0	0	0	0
12000	0	0	0	0	0	0

EXHIBIT B-2

Number of Hauled Water Customers, Zone 2: Kaysauli, Larsen, Tundra Ridge and Airport

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week
100	0	0	0	0	0	0
150	0	0	0	0	0	0
200	0	0	1	0	0	0
250	0	0	0	0	0	0
300	0	0	6	2	0	0
350	0	1	2	0	0	0
400	0	0	3	0	1	0
450	0	2	1	0	0	0
500	8	11	30	8	0	0
550	0	2	4	0	0	0
600	3	10	10	4	0	0
650	0	2	3	0	0	0
700	1	1	4	2	0	0
750	0	11	10	2	0	0
800	1	6	6	3	0	0
850	0	2	2	0	0	0
900	2	9	14	2	0	0
1000	6	49	108	16	1	0
1200	0	11	5	1	0	0
1400	0	2	1	0	0	0
1500	0	7	3	2	0	0
1750	0	0	0	0	0	0
2000	0	0	0	1	0	0
2500	0	0	3	0	1	0
3000	0	0	0	0	1	0
3500	0	0	0	0	0	0
4000	0	0	0	0	0	0
5000	0	0	0	0	1	0
6000	0	0	0	0	0	0
7000	0	0	0	0	0	0
12000	0	0	0	0	0	0

EXHIBIT B-3
Number of Hauled Sewer Customers

Capacity	1 time/month	2 times/month	1 times per week	2 times/week	3 times/week	4 times/week
100	0	0	0	0	0	0
150	0	0	0	0	0	0
200	0	0	0	0	0	0
250	0	0	0	0	0	0
300	0	0	1	0	0	0
350	0	1	0	0	0	0
400	0	0	0	0	0	0
450	0	0	0	0	0	0
500	10	31	26	7	0	0
550	0	1	2	0	0	0
600	2	13	12	2	0	0
650	2	2	3	0	0	0
700	4	15	19	3	0	0
750	9	41	50	13	1	0
800	7	12	12	4	1	0
850	0	13	4	0	0	0
900	0	3	4	0	0	0
1000	18	111	127	17	2	1
1200	12	53	61	18	0	0
1400	2	24	16	4	0	0
1500	10	55	112	22	1	0
1750	3	11	16	2	0	0
2000	4	22	16	11	3	0
2500	2	5	6	2	2	0
3000	1	5	7	2	1	0
3500	0	0	1	1	2	0
4000	0	0	0	0	1	0
5000	0	0	2	0	1	0
6000	0	0	0	0	0	0
7000	0	0	0	0	0	0
12000	0	1	0	0	0	0

EXHIBIT B-4

Water Treatment Plant Production, City Subdivision WTP

FY 2011

Month	Influent	Effluent	Truck A	Truck B	Truck Total	Piped Demand
Jul-10	3,905,893	3,681,356	1,072,000	1,037,000	2,109,000	949,600
Aug-10	3,979,898	3,722,941	0	2,140,000	2,140,000	890,100
Sep-10	3,788,113	3,363,098	0	2,053,000	2,053,000	883,600
Oct-10	4,095,530	3,677,085	0	2,081,000	2,081,000	979,400
Nov-10	3,780,642	3,499,396	0	2,041,000	2,041,000	890,000
Dec-10	4,118,010	3,697,268	0	2,030,000	2,030,000	1,121,500
Jan-11	4,341,845	3,724,036	0	2,008,000	2,008,000	1,101,400
Feb-11	3,843,741	3,451,021	0	1,798,000	1,798,000	1,039,200
Mar-11	3,581,064	3,514,619	0	1,830,000	1,830,000	1,060,600
Apr-11	3,758,053	3,390,030	0	1,788,000	1,788,000	1,065,000
May-11	4,110,813	3,416,129	0	1,935,000	1,935,000	900,100
Jun-11	4,177,227	3,492,676	0	2,000,000	2,000,000	867,400
Total	47,480,829	42,629,655	1,072,000	22,741,000	23,813,000	11,747,900
Ratio of Inf/Eff for full month:			35,423,548	31,804,281	1.11	

FY 2012

Month	Influent	Effluent	Truck A	Truck B	Truck Total	Piped Demand
Jul-11	4,390,638	3,676,839	0	2,147,000	2,147,000	842,000
Aug-11	4,342,065	3,658,540	0	2,268,000	2,268,000	754,700
Sep-11	3,900,700	3,289,066	0	1,903,000	1,903,000	760,800
Oct-11	4,130,278	3,467,331	0	1,939,000	1,939,000	855,400
Nov-11	4,730,865	3,984,389	0	1,974,000	1,974,000	1,336,900
Dec-11	4,266,445	3,578,466	0	2,094,000	2,094,000	891,800
Jan-12	4,600,465	3,905,204	0	2,160,000	2,160,000	1,129,000
Feb-12	3,921,103	3,328,513	0	1,848,000	1,848,000	919,000
Mar-12	4,077,997	3,546,580	0	1,941,000	1,941,000	987,500
Apr-12	3,669,283	3,110,559	0	1,727,000	1,727,000	833,700
May-12	4,057,604	3,534,008	0	2,053,000	2,053,000	830,500
Jun-12	3,753,000	3,197,135	0	1,812,000	1,812,000	827,400
Total	49,840,443	42,276,630	0	23,866,000	23,866,000	10,968,700
Ratio of Inf/Eff for full month:			36,588,010	31,058,524	1.18	

Notes:

1. Leak caused piped demand in Nov 2011 to be higher than normal
2. Missed some records for INF for following: Oct 2011, Dec 2011, Feb 2011, Nov 2011, Jan 2012, Feb 2012; prorated influent by ratio of influent to effluent for months with full data set

EXHIBIT B-5

Water Treatment Plant Production, Bethel Heights WTP FY 2011

FY 2011

			Truck Gallons		
Month	**Effluent**	**Demand**	**FF**	**BF**	**Total**
Jul-10	2,689,182	2,676,333	270,625	33,750	634,375
Aug-10	2,685,076	2,806,171	894,040	274,557	1,168,597
Sep-10	2,588,224	2,798,885	539,700	245,600	785,300
Oct-10	2,841,558	3,033,298	161,700	251,200	412,900
Nov-10	2,430,632	2,574,237	26,100	204,200	330,300
Dec-10	3,006,608	3,189,372	91,000	320,600	411,600
Jan-11	2,748,244	3,137,593	145,100	169,600	314,700
Feb-11	2,638,697	2,783,718	218,600	161,600	380,200
Mar-11	3,049,282	2,991,533	389,300	234,500	623,800
Apr-11	2,924,108	2,757,002	341,600	295,300	636,900
May-11	3,010,857	3,604,260	318,600	270,400	589,000
Jun-11	4,189,564	2,552,788	568,600	229,900	798,500
Total	34,802,032	34,905,190	4,064,965	3,021,207	7,086,172

EXHIBT B-6

Bethel Heights Treatment Plant, FY 2012 Truck Usage

	Truck Filling Meter Reads			Truck Usage			
Month	**FF**	**BF**	**Total**	**FF**	**BF**	**Total**	**Gallons**
July 1 2011	7.9199	14.4181	22.338				
Oct 1 2011	9.8403	15.2791	25.1194	1.9204	0.861	2.7814	2,781,400
Nov 1 2011	10.1799	15.5818	25.7617	0.3396	0.3027	0.6423	642,300
Dec 1 2011	10.3528	15.8185	26.1713	0.1729	0.2367	0.4096	409,600
Jan 1 2011	10.6027	15.9804	26.5831	0.2499	0.1619	0.4118	411,800
Feb 1 2012	10.7271	16.084	26.8111	0.1244	0.1036	0.228	228,000
Mar 1 2012	10.9153	16.3537	27.269	0.1882	0.2697	0.4579	457,900
Apr 1 2012	11.1212	16.6687	27.7899	0.2059	0.315	0.5209	520,900
May 1 2012	11.2846	17.1785	28.4631	0.1634	0.5098	0.6732	673,200
Total							6,125,100
Average for 10 months							612,510
Estimated Usage for 12 months							7,350,120

EXHIBIT B-7

Summary of City Subdivision Metered Data

Month	Year	Total Consumption	Number of Meters Read	Average
December	2011	308,248	80	3,853
February	2012	576,951	115	5,017
March	2012	558,550	108	5,172
May	2012	478,200	111	4,308
July	2012	374,650	100	3,747
August	2012	487,898	102	4,783
Total		**2,784,497**	**616**	**4,520**

EXHIBIT B-8

Cost per Household in City Subdivision to Operate Circulation Pumps

Assumptions:

Amps	0.74	per Bill Arnold from electrician
Volts	110	per Bill Arnold
Hours per Day	24	per Bill Arnold
Days of Operation	240	per Bill Arnold
Number of Pumps	2	per Bill Arnold
Average $/kWh	$0.15	per Bill Arnold from utility
kW = Amps * Volts/1000	0.0814	kW
kWh/yr = kW * Hours per Day * # of Days/yr	468.864	kWh/yr
Annual Cost= kWh * $/kWh	$70.33	$/year

APPENDIX C

Water Rate Schedules

Across the Board Increases Monthly Rate Schedules FY 2014-18

Across the Board Increases, Hauled Water
FY2014

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$13.25	$31.25	$45.10	$72.64	$83.70	$115.05	
150	$15.40	$31.40	$64.08	$130.66	$199.70	$271.32	
200	$17.80	$36.42	$74.47	$152.19	$233.16	$317.34	$80.00
250	$20.05	$41.07	$84.09	$172.11	$264.06	$359.93	$82.94
300	$22.11	$45.34	$92.93	$190.42	$292.44	$399.53	$85.87
350	$23.97	$49.21	$100.99	$207.09	$318.35	$434.74	$88.79
400	$25.66	$52.72	$108.26	$222.15	$341.73	$466.94	$91.73
450	$27.16	$55.85	$114.71	$235.60	$362.60	$495.72	$94.65
500	$28.46	$58.55	$120.42	$247.42	$380.96	$521.05	$97.59
550	$31.83	$65.55	$134.89	$277.32	$427.34	$584.88	$100.52
600	$32.91	$67.70	$139.27	$286.26	$440.98	$603.40	$103.45
650	$37.26	$76.80	$158.20	$325.56	$502.14	$687.88	$106.38
700	$38.48	$79.28	$163.28	$335.92	$455.37	$709.41	$109.30
750	$39.74	$81.85	$168.53	$346.62	$534.33	$731.60	$112.24
800	$45.71	$94.40	$194.64	$401.02	$619.12	$839.22	$115.17
850	$47.20	$97.43	$200.80	$413.60	$638.39	$875.16	$118.10
900	$48.72	$100.53	$207.13	$426.52	$658.15	$902.00	$121.04
1000	$51.88	$106.97	$220.29	$453.33	$699.13	$957.64	$126.88
1200	$62.10	$128.28	$264.64	$545.48	$841.59	$1,137.42	$138.62
1400	$72.33	$149.59	$309.00	$637.65	$984.07	$1,317.18	$150.34
1500	$87.94	$175.88	$351.77	$703.53	$1,055.30	$1,407.06	$156.20
1750	$100.62	$201.23	$402.47	$804.93	$1,207.39	$1,609.85	$170.84
2000	$113.30	$226.59	$453.17	$906.34	$1,359.50	$1,812.65	$185.51
2500	$138.64	$277.29	$554.57	$1,109.14	$1,663.70	$2,218.26	$236.19
3000	$163.99	$327.99	$655.97	$1,311.95	$1,967.91	$2,623.87	$244.13
3500	$189.35	$378.68	$757.38	$1,514.74	$2,272.12	$3,029.48	$273.43
4000	$217.81	$437.24	$877.80	$1,762.16	$2,653.08	$3,550.52	$371.01
5000	$302.65	$605.27	$1,210.55	$2,421.08	$3,631.62	$4,842.13	$458.93
6000	$318.43	$638.47	$1,280.27	$2,567.10	$3,860.47	$5,160.38	$541.86
7000	$378.69	$757.37	$1,514.76	$3,029.49	$4,544.24	$6,058.95	$546.85

Across the Board Increases Monthly Rates, Hauled Water FY2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$14.31	$33.75	$48.71	$78.45	$90.39	$124.25	
150	$16.63	$33.92	$69.20	$141.11	$215.67	$293.03	
200	$19.22	$39.34	$80.43	$164.36	$251.81	$342.73	$86.40
250	$21.65	$44.36	$90.82	$185.88	$285.19	$388.73	$89.57
300	$23.88	$48.96	$100.36	$205.66	$315.84	$431.49	$92.74
350	$25.89	$53.15	$109.07	$223.66	$343.82	$469.52	$95.90
400	$27.71	$56.94	$116.92	$239.92	$369.07	$504.29	$99.07
450	$29.33	$60.32	$123.89	$254.45	$391.61	$535.38	$102.22
500	$30.74	$63.24	$130.06	$267.21	$411.43	$562.73	$105.39
550	$34.38	$70.80	$145.68	$299.51	$461.52	$631.67	$108.56
600	$35.54	$73.12	$150.41	$309.16	$476.26	$651.67	$111.73
650	$40.24	$82.94	$170.86	$351.61	$542.31	$742.91	$114.89
700	$41.56	$85.63	$176.35	$362.80	$491.80	$766.16	$118.04
750	$42.92	$88.40	$182.01	$374.35	$577.08	$790.12	$121.21
800	$49.36	$101.96	$210.22	$433.10	$668.65	$906.35	$124.38
850	$50.97	$105.22	$216.87	$446.69	$689.46	$945.17	$127.55
900	$52.62	$108.57	$223.70	$460.64	$710.80	$974.16	$130.72
1000	$56.03	$115.53	$237.92	$489.60	$755.06	$1,034.26	$137.04
1200	$67.07	$138.55	$285.82	$589.12	$908.92	$1,228.41	$149.71
1400	$78.12	$161.55	$333.72	$688.66	$1,062.79	$1,422.55	$162.36
1500	$94.98	$189.96	$379.91	$759.81	$1,139.72	$1,519.62	$168.69
1750	$108.67	$217.33	$434.67	$869.33	$1,303.99	$1,738.64	$184.51
2000	$122.36	$244.71	$489.43	$978.84	$1,468.26	$1,957.67	$200.35
2500	$149.74	$299.47	$598.93	$1,197.87	$1,796.80	$2,395.72	$255.08
3000	$177.11	$354.23	$708.45	$1,416.90	$2,125.34	$2,833.78	$263.66
3500	$204.49	$408.98	$817.97	$1,635.92	$2,453.89	$3,271.83	$295.30
4000	$235.23	$472.22	$948.02	$1,903.14	$2,865.32	$3,834.57	$400.69
5000	$326.86	$653.69	$1,307.40	$2,614.77	$3,922.15	$5,229.50	$495.65
6000	$343.90	$689.54	$1,382.69	$2,772.46	$4,169.31	$5,573.21	$585.20
7000	$408.99	$817.96	$1,635.94	$3,271.85	$4,907.78	$6,543.67	$590.60

Across the Board Increases Monthly Rates, Hauled Water FY2016

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$15.45	$36.45	$52.61	$84.73	$97.62	$134.19	
150	$17.96	$36.63	$74.74	$152.40	$232.93	$316.47	
200	$20.76	$42.48	$86.86	$177.51	$271.96	$370.15	$93.31
250	$23.38	$47.90	$98.08	$200.75	$308.00	$419.83	$96.74
300	$25.79	$52.88	$108.39	$222.11	$341.11	$466.01	$100.16
350	$27.96	$57.40	$117.80	$241.55	$371.32	$507.08	$103.57
400	$29.93	$61.49	$126.27	$259.12	$398.60	$544.64	$106.99
450	$31.68	$65.15	$133.80	$274.81	$422.94	$578.21	$110.40
500	$33.19	$68.30	$140.46	$288.59	$444.35	$607.75	$113.82
550	$37.13	$76.46	$157.34	$323.47	$498.44	$682.20	$117.25
600	$38.38	$78.97	$162.45	$333.89	$514.36	$703.81	$120.67
650	$43.46	$89.58	$184.52	$379.74	$585.70	$802.35	$124.08
700	$44.89	$92.48	$190.46	$391.82	$531.14	$827.45	$127.49
750	$46.35	$95.47	$196.57	$404.29	$623.24	$853.33	$130.91
800	$53.31	$110.11	$227.03	$467.75	$722.15	$978.86	$134.33
850	$55.05	$113.64	$234.22	$482.43	$744.62	$1,020.78	$137.76
900	$56.83	$117.26	$241.60	$497.49	$767.66	$1,052.10	$141.18
1000	$60.51	$124.77	$256.95	$528.77	$815.46	$1,117.00	$148.00
1200	$72.44	$149.63	$308.68	$636.25	$981.63	$1,326.68	$161.69
1400	$84.37	$174.48	$360.41	$743.75	$1,147.81	$1,536.35	$175.35
1500	$102.58	$205.15	$410.30	$820.60	$1,230.90	$1,641.19	$182.19
1750	$117.36	$234.72	$469.44	$938.87	$1,408.30	$1,877.73	$199.27
2000	$132.15	$264.29	$528.58	$1,057.15	$1,585.72	$2,114.28	$216.37
2500	$161.72	$323.43	$646.85	$1,293.70	$1,940.54	$2,587.38	$275.49
3000	$191.28	$382.57	$765.13	$1,530.25	$2,295.37	$3,060.48	$284.75
3500	$220.85	$441.70	$883.41	$1,766.80	$2,650.20	$3,533.58	$318.92
4000	$254.05	$509.99	$1,023.87	$2,055.39	$3,094.55	$4,141.33	$432.75
5000	$353.01	$705.99	$1,411.99	$2,823.95	$4,235.92	$5,647.86	$535.30
6000	$371.41	$744.71	$1,493.31	$2,994.26	$4,502.85	$6,019.06	$632.02
7000	$441.71	$883.39	$1,766.81	$3,533.59	$5,300.41	$7,067.16	$637.85

Across the Board Monthly Rates, Hauled Water
FY2017

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$16.07	$37.91	$54.71	$88.12	$101.53	$139.56	
150	$18.68	$38.10	$77.73	$158.50	$242.24	$329.13	
200	$21.59	$44.18	$90.33	$184.61	$282.84	$384.95	$97.05
250	$24.32	$49.82	$102.01	$208.78	$320.32	$436.62	$100.61
300	$26.82	$55.00	$112.72	$230.99	$354.75	$484.65	$104.17
350	$29.07	$59.70	$122.51	$251.21	$386.17	$527.36	$107.71
400	$31.13	$63.95	$131.32	$269.48	$414.54	$566.42	$111.27
450	$32.95	$67.75	$139.15	$285.80	$439.85	$601.34	$114.82
500	$34.52	$71.03	$146.08	$300.13	$462.12	$632.06	$118.38
550	$38.61	$79.52	$163.63	$336.41	$518.38	$709.49	$121.94
600	$39.92	$82.13	$168.94	$347.25	$534.93	$731.96	$125.50
650	$45.20	$93.16	$191.91	$394.92	$609.12	$834.44	$129.04
700	$46.68	$96.18	$198.07	$407.49	$552.39	$860.55	$132.59
750	$48.20	$99.29	$204.43	$420.47	$648.17	$887.47	$136.15
800	$55.45	$114.52	$236.12	$486.45	$751.03	$1,018.02	$139.71
850	$57.25	$118.19	$243.59	$501.73	$774.40	$1,061.61	$143.27
900	$59.10	$121.95	$251.26	$517.39	$798.37	$1,094.18	$146.83
1000	$62.93	$129.76	$267.23	$549.92	$848.08	$1,161.68	$153.92
1200	$75.34	$155.62	$321.03	$661.70	$1,020.90	$1,379.75	$168.16
1400	$87.74	$181.46	$374.83	$773.50	$1,193.73	$1,597.81	$182.37
1500	$106.68	$213.36	$426.72	$853.42	$1,280.14	$1,706.84	$189.47
1750	$122.06	$244.10	$488.22	$976.43	$1,464.64	$1,952.84	$207.24
2000	$137.44	$274.86	$549.73	$1,099.44	$1,649.15	$2,198.85	$225.03
2500	$168.18	$336.37	$672.72	$1,345.44	$2,018.17	$2,690.87	$286.51
3000	$198.93	$397.87	$795.73	$1,591.46	$2,387.18	$3,182.90	$296.14
3500	$229.69	$459.36	$918.74	$1,837.47	$2,756.21	$3,674.93	$331.68
4000	$264.21	$530.39	$1,064.82	$2,137.60	$3,218.33	$4,306.98	$450.06
5000	$367.13	$734.23	$1,468.47	$2,936.91	$4,405.36	$5,873.77	$556.71
6000	$386.27	$774.50	$1,553.04	$3,114.03	$4,682.97	$6,259.83	$657.30
7000	$459.38	$918.73	$1,837.48	$3,674.94	$5,512.42	$7,349.85	$663.36

Across the Board Monthly Rates, Hauled Water
FY2018

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$16.72	$39.42	$56.90	$91.65	$105.59	$145.14	
150	$19.43	$39.62	$80.84	$164.84	$251.93	$342.29	
200	$22.45	$45.95	$93.95	$191.99	$294.15	$400.35	$100.93
250	$25.29	$51.81	$106.09	$217.13	$333.14	$454.09	$104.63
300	$27.89	$57.20	$117.23	$240.23	$368.94	$504.03	$108.33
350	$30.24	$62.09	$127.41	$261.26	$401.62	$548.46	$112.02
400	$32.37	$66.51	$136.58	$280.26	$431.12	$589.08	$115.72
450	$34.26	$70.46	$144.72	$297.23	$457.45	$625.39	$119.41
500	$35.90	$73.87	$151.92	$312.14	$480.61	$657.34	$123.11
550	$40.16	$82.70	$170.18	$349.86	$539.12	$737.87	$126.81
600	$41.51	$85.41	$175.70	$361.14	$556.33	$761.24	$130.52
650	$47.01	$96.89	$199.58	$410.72	$633.49	$867.82	$134.20
700	$48.55	$100.02	$206.00	$423.79	$574.48	$894.97	$137.89
750	$50.13	$103.26	$212.61	$437.29	$674.10	$922.96	$141.59
800	$57.66	$119.10	$245.56	$505.91	$781.07	$1,058.74	$145.30
850	$59.54	$122.91	$253.33	$521.79	$805.38	$1,104.08	$149.00
900	$61.46	$126.83	$261.31	$538.09	$830.30	$1,137.95	$152.70
1000	$65.45	$134.95	$277.92	$571.91	$882.00	$1,208.14	$160.08
1200	$78.35	$161.84	$333.87	$688.17	$1,061.73	$1,434.94	$174.88
1400	$91.25	$188.72	$389.82	$804.44	$1,241.48	$1,661.72	$189.66
1500	$110.95	$221.89	$443.78	$887.56	$1,331.34	$1,775.11	$197.05
1750	$126.94	$253.87	$507.75	$1,015.49	$1,523.22	$2,030.96	$215.53
2000	$142.94	$285.86	$571.71	$1,143.42	$1,715.12	$2,286.80	$234.03
2500	$174.91	$349.82	$699.63	$1,399.26	$2,098.89	$2,798.51	$297.97
3000	$206.89	$413.79	$827.56	$1,655.12	$2,482.67	$3,310.22	$307.98
3500	$238.88	$477.74	$955.49	$1,910.97	$2,866.46	$3,821.92	$344.95
4000	$274.78	$551.61	$1,107.41	$2,223.11	$3,347.07	$4,479.26	$468.06
5000	$381.81	$763.60	$1,527.21	$3,054.38	$4,581.58	$6,108.73	$578.98
6000	$401.72	$805.48	$1,615.16	$3,238.59	$4,870.29	$6,510.22	$683.59
7000	$477.75	$955.48	$1,910.98	$3,821.94	$5,732.92	$7,643.84	$689.90

Single Zone Phased Cost of Service Rate Schedules FY 2014-18

Phased COS Monthly Rates, Hauled Water
FY2014

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$14.94	$32.93	$51.63	$87.03	$106.69	$145.38	
150	$16.98	$33.58	$68.47	$138.01	$209.48	$282.98	
200	$19.20	$38.12	$77.92	$157.40	$239.39	$323.84	$79.38
250	$21.27	$42.33	$86.69	$175.39	$267.07	$361.71	$81.90
300	$23.18	$46.22	$94.81	$192.04	$292.68	$397.11	$84.42
350	$24.93	$49.80	$102.31	$207.40	$316.35	$429.11	$86.92
400	$26.53	$53.09	$109.18	$221.52	$338.09	$458.82	$89.43
450	$27.99	$56.09	$115.43	$234.41	$357.94	$485.98	$91.93
500	$29.29	$58.76	$121.12	$246.08	$375.90	$510.56	$94.43
550	$32.19	$64.67	$133.41	$271.24	$414.61	$563.44	$96.92
600	$33.31	$66.93	$138.10	$280.77	$429.11	$583.06	$99.41
650	$36.93	$74.34	$153.59	$312.62	$478.27	$650.44	$101.89
700	$38.17	$76.85	$158.82	$323.23	$448.50	$672.32	$104.37
750	$39.43	$79.43	$164.16	$334.09	$510.96	$694.66	$106.85
800	$44.19	$89.24	$184.70	$376.43	$576.41	$777.72	$109.33
850	$45.63	$92.16	$190.73	$388.69	$595.08	$809.83	$111.81
900	$47.09	$95.12	$196.88	$401.18	$614.10	$835.56	$114.28
1000	$50.10	$101.23	$209.53	$426.85	$653.17	$888.38	$119.21
1200	$58.95	$119.43	$247.73	$505.47	$751.42	$1,015.55	$129.06
1400	$67.76	$133.56	$285.78	$569.33	$878.63	$1,176.05	$138.88
1500	$78.52	$157.04	$314.08	$628.15	$942.23	$1,256.30	$143.77
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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS Monthly Rates, Hauled Water
FY2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$18.42	$37.87	$64.64	$114.16	$149.11	$201.38	
150	$20.46	$39.20	$79.88	$159.12	$239.83	$322.07	
200	$22.61	$43.54	$88.99	$177.61	$268.10	$360.41	$85.84
250	$24.64	$47.59	$97.50	$194.91	$294.51	$396.27	$88.13
300	$26.53	$51.39	$105.49	$211.16	$319.29	$430.16	$90.42
350	$28.29	$54.94	$113.01	$226.41	$342.60	$461.52	$92.70
400	$29.94	$58.28	$120.05	$240.75	$364.49	$491.19	$94.97
450	$31.47	$61.40	$126.63	$254.19	$384.99	$519.01	$97.24
500	$32.89	$64.28	$132.80	$266.73	$404.15	$544.99	$99.50
550	$35.49	$69.51	$143.77	$288.98	$438.10	$591.03	$101.76
600	$36.78	$72.10	$149.22	$300.00	$454.80	$613.52	$104.01
650	$39.88	$78.36	$162.41	$326.84	$495.85	$669.33	$106.25
700	$41.25	$81.13	$168.25	$338.65	$481.28	$693.46	$108.49
750	$42.64	$83.94	$174.17	$350.64	$531.92	$717.91	$110.73
800	$46.52	$91.81	$190.76	$384.46	$583.75	$783.88	$112.96
850	$48.04	$94.86	$197.18	$397.45	$603.43	$815.01	$115.19
900	$49.57	$97.96	$203.68	$410.59	$623.34	$841.82	$117.42
1000	$52.69	$104.25	$216.92	$437.34	$663.87	$896.38	$121.86
1200	$60.90	$120.95	$252.29	$509.43	$751.42	$1,015.55	$130.71
1400	$69.06	$133.56	$287.45	$569.33	$878.63	$1,176.05	$139.52
1500	$78.52	$157.04	$314.08	$628.15	$942.23	$1,256.30	$143.91
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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS Monthly Rates, Hauled Water
FY2016

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$22.72	$43.56	$80.93	$149.76	$208.41	$278.97	
150	$24.65	$45.76	$93.20	$183.47	$274.57	$366.56	
200	$26.64	$49.73	$101.62	$200.41	$300.25	$401.11	$92.81
250	$28.55	$53.51	$109.66	$216.61	$324.77	$434.12	$94.84
300	$30.36	$57.14	$117.38	$232.17	$348.32	$465.96	$96.85
350	$32.10	$60.62	$124.83	$247.17	$371.03	$496.37	$98.85
400	$33.77	$63.98	$132.01	$261.65	$392.94	$525.83	$100.86
450	$35.38	$67.22	$138.92	$275.63	$414.10	$554.29	$102.85
500	$36.92	$70.33	$145.61	$289.12	$434.51	$581.76	$104.85
550	$39.13	$74.72	$154.94	$307.89	$462.92	$619.97	$106.83
600	$40.60	$77.66	$161.23	$320.56	$482.02	$645.57	$108.82
650	$43.07	$82.59	$171.72	$341.70	$514.07	$688.76	$110.80
700	$44.58	$85.64	$178.24	$354.81	$516.46	$715.26	$112.77
750	$46.11	$88.71	$184.80	$368.00	$553.74	$741.93	$114.74
800	$48.98	$94.45	$197.02	$392.67	$591.18	$790.10	$116.71
850	$50.57	$97.65	$203.84	$406.40	$611.89	$820.22	$118.68
900	$52.18	$100.87	$210.71	$420.22	$632.72	$848.14	$120.65
1000	$55.41	$107.37	$224.58	$448.09	$674.75	$904.44	$124.56
1200	$62.92	$122.48	$256.93	$513.42	$751.42	$1,015.55	$132.38
1400	$70.38	$133.56	$289.13	$569.33	$878.63	$1,176.05	$140.16
1500	$78.52	$157.04	$314.08	$628.15	$942.23	$1,256.30	$144.04
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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS Monthly Rates, Hauled Water
FY2017

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$28.01	$50.11	$101.33	$196.45	$291.28	$386.45	
150	$29.70	$53.43	$108.74	$211.53	$314.35	$417.19	
200	$31.38	$56.80	$116.04	$226.14	$336.26	$446.41	$100.36
250	$33.07	$60.16	$123.33	$240.72	$358.14	$475.59	$102.05
300	$34.75	$63.53	$130.61	$255.28	$379.99	$504.74	$103.73
350	$36.43	$66.88	$137.88	$269.83	$401.82	$533.85	$105.42
400	$38.10	$70.24	$145.15	$284.36	$423.62	$562.92	$107.11
450	$39.78	$73.59	$152.40	$298.88	$445.40	$591.97	$108.79
500	$41.45	$76.94	$159.65	$313.38	$467.16	$621.00	$110.48
550	$43.14	$80.32	$166.98	$328.04	$489.15	$650.32	$112.16
600	$44.81	$83.66	$174.22	$342.52	$510.88	$679.29	$113.85
650	$46.51	$87.06	$181.58	$357.24	$532.97	$708.76	$115.54
700	$48.19	$90.41	$188.82	$371.73	$554.22	$737.76	$117.22
750	$49.86	$93.75	$196.07	$386.23	$576.46	$766.75	$118.91
800	$51.57	$97.17	$203.48	$401.05	$598.70	$796.36	$120.59
850	$53.24	$100.52	$210.73	$415.56	$620.47	$825.46	$122.28
900	$54.92	$103.87	$217.99	$430.07	$642.24	$854.50	$123.96
1000	$58.27	$110.57	$232.50	$459.11	$685.80	$912.58	$127.33
1200	$65.00	$124.04	$261.66	$517.45	$751.42	$1,015.55	$134.07
1400	$71.73	$133.56	$290.82	$569.33	$878.63	$1,176.05	$140.81
1500	$78.52	$157.04	$314.08	$628.15	$942.23	$1,256.30	$144.18
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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS Monthly Rates, Hauled Water
FY2018

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$29.13	$52.11	$105.39	$204.31	$302.93	$401.90	
150	$30.89	$55.56	$113.09	$220.00	$326.92	$433.88	
200	$32.64	$59.07	$120.68	$235.18	$349.71	$464.27	$104.38
250	$34.39	$62.57	$128.26	$250.35	$372.46	$494.62	$106.13
300	$36.14	$66.07	$135.84	$265.49	$395.19	$524.93	$107.88
350	$37.88	$69.56	$143.40	$280.62	$417.89	$555.20	$109.64
400	$39.63	$73.05	$150.95	$295.73	$440.56	$585.44	$111.39
450	$41.37	$76.53	$158.50	$310.83	$463.22	$615.65	$113.14
500	$43.11	$80.01	$166.04	$325.92	$485.85	$645.84	$114.90
550	$44.87	$83.53	$173.66	$341.16	$508.72	$676.34	$116.65
600	$46.61	$87.01	$181.19	$356.22	$531.31	$706.46	$118.40
650	$48.37	$90.54	$188.84	$371.53	$554.29	$737.11	$120.16
700	$50.11	$94.02	$196.38	$386.60	$576.38	$767.27	$121.91
750	$51.85	$97.50	$203.91	$401.68	$599.51	$797.42	$123.66
800	$53.63	$101.06	$211.62	$417.09	$622.65	$828.22	$125.42
850	$55.37	$104.54	$219.16	$432.18	$645.29	$858.48	$127.17
900	$57.12	$108.03	$226.71	$447.28	$667.93	$888.68	$128.92
1000	$60.60	$115.00	$241.80	$477.47	$713.23	$949.08	$132.43
1200	$67.60	$129.00	$272.13	$538.14	$781.48	$1,056.17	$139.43
1400	$74.60	$138.90	$302.45	$592.10	$913.78	$1,223.09	$146.44
1500	$81.66	$163.32	$326.64	$653.28	$979.92	$1,306.55	$149.95
1750	$93.43	$186.86	$373.72	$747.44	$1,121.15	$1,494.86	$158.64
2000	$105.21	$210.40	$420.80	$841.60	$1,262.39	$1,683.18	$172.26
2500	$128.74	$257.48	$514.96	$1,029.91	$1,544.87	$2,059.81	$219.32
3000	$152.28	$304.56	$609.12	$1,218.24	$1,827.34	$2,436.45	$226.69
3500	$175.82	$351.63	$703.28	$1,406.55	$2,109.83	$2,813.09	$253.90
4000	$202.25	$406.01	$815.10	$1,636.29	$2,463.57	$3,296.91	$344.51
5000	$281.03	$562.04	$1,124.08	$2,248.15	$3,372.22	$4,496.26	$426.15
6000	$295.68	$592.86	$1,188.82	$2,383.73	$3,584.72	$4,791.78	$503.15
7000	$351.64	$703.27	$1,406.56	$2,813.10	$4,219.65	$5,626.17	$507.79

2 Zone Phased COS Rate Schedules, Zone 1: FY 2014-18

Zone 1 Phased COS Rate Schedule, FY 2014

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$14.28	$31.27	$48.84	$82.16	$100.64	$137.09	
150	$16.27	$32.00	$65.04	$130.88	$198.55	$268.14	
200	$18.44	$36.45	$74.28	$149.84	$227.78	$308.06	$75.68
250	$20.48	$40.58	$82.90	$167.51	$254.97	$345.25	$78.15
300	$22.36	$44.42	$90.91	$183.94	$280.24	$380.16	$80.62
350	$24.09	$47.96	$98.33	$199.15	$303.68	$411.86	$83.08
400	$25.68	$51.23	$105.17	$213.19	$325.29	$441.39	$85.54
450	$27.13	$54.22	$111.40	$226.06	$345.08	$468.47	$88.00
500	$28.43	$56.89	$117.09	$237.73	$363.07	$493.07	$90.45
550	$31.28	$62.71	$129.18	$262.47	$401.13	$545.06	$92.91
600	$32.41	$64.98	$133.91	$272.10	$415.78	$564.89	$95.36
650	$35.97	$72.26	$149.13	$303.38	$464.05	$614.18	$94.98
700	$37.21	$74.79	$154.39	$314.07	$435.70	$653.11	$97.59
750	$38.48	$77.37	$159.76	$324.99	$496.97	$675.60	$100.21
800	$43.16	$87.02	$179.94	$358.05	$552.79	$749.30	$102.83
850	$44.60	$89.94	$185.99	$369.29	$569.99	$781.39	$105.45
900	$46.06	$92.91	$192.15	$380.82	$587.63	$805.36	$108.07
1000	$49.07	$99.02	$204.83	$417.14	$624.22	$855.04	$113.29
1200	$57.86	$114.54	$236.29	$487.04	$751.42	$1,015.55	$123.77
1400	$66.63	$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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS Zone 1, FY 2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$16.80	$34.12	$57.76	$101.60	$132.52	$178.85	
150	$18.76	$35.57	$71.98	$142.91	$215.15	$288.76	
200	$20.84	$39.76	$80.76	$160.74	$242.40	$325.70	$77.91
250	$22.82	$43.70	$89.05	$177.57	$268.08	$360.55	$80.14
300	$24.66	$47.42	$96.88	$193.49	$292.36	$393.73	$82.36
350	$26.39	$50.92	$104.29	$208.53	$315.34	$424.65	$84.57
400	$28.02	$54.22	$111.27	$222.75	$337.04	$454.06	$86.78
450	$29.54	$57.33	$117.83	$236.14	$357.47	$481.78	$88.99
500	$30.96	$60.21	$124.00	$248.70	$376.65	$507.80	$91.19
550	$33.49	$65.30	$134.68	$270.35	$409.68	$552.56	$93.40
600	$34.78	$67.91	$140.18	$281.51	$426.59	$575.35	$95.59
650	$37.80	$73.98	$152.98	$307.53	$466.40	$614.18	$94.98
700	$39.18	$76.77	$158.87	$319.46	$453.84	$653.83	$97.59
750	$40.57	$79.60	$164.83	$331.53	$502.78	$678.48	$100.21
800	$44.34	$87.23	$180.91	$358.05	$552.79	$749.30	$102.83
850	$45.86	$90.30	$187.35	$369.29	$569.99	$781.39	$105.45
900	$47.39	$93.39	$193.87	$380.82	$587.63	$805.36	$108.07
1000	$50.51	$99.70	$207.15	$417.38	$624.22	$855.04	$113.29
1200	$58.65	$114.54	$236.29	$487.04	$751.42	$1,015.55	$123.77
1400	$66.74	$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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS, FY 2016 Zone 1

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$19.77	$37.22	$68.31	$125.65	$174.49	$233.33	
150	$21.64	$39.53	$79.67	$156.04	$233.13	$310.96	
200	$23.56	$43.36	$87.81	$172.43	$257.95	$344.34	$80.21
250	$25.42	$47.05	$95.65	$188.23	$281.86	$376.53	$82.18
300	$27.20	$50.61	$103.24	$203.53	$305.01	$407.78	$84.14
350	$28.91	$54.05	$110.60	$218.35	$327.45	$437.84	$86.09
400	$30.57	$57.38	$117.73	$232.73	$349.21	$467.10	$88.04
450	$32.17	$60.61	$124.62	$246.68	$370.30	$495.47	$89.99
500	$33.71	$63.72	$131.31	$260.18	$390.74	$522.96	$91.94
550	$35.86	$68.00	$140.41	$278.47	$418.41	$560.17	$93.88
600	$37.33	$70.96	$146.75	$291.24	$437.68	$586.00	$95.83
650	$39.73	$75.74	$156.92	$311.75	$468.75	$614.18	$94.98
700	$41.25	$78.81	$163.48	$324.94	$472.73	$654.56	$97.59
750	$42.78	$81.89	$170.07	$338.20	$508.67	$681.38	$100.21
800	$45.56	$87.44	$181.88	$358.05	$552.79	$749.30	$102.83
850	$47.16	$90.65	$188.73	$369.29	$569.99	$781.39	$105.45
900	$48.76	$93.87	$195.62	$380.82	$587.63	$805.36	$108.07
1000	$51.99	$100.38	$209.51	$417.62	$624.22	$855.04	$113.29
1200	$59.44	$114.54	$236.29	$487.04	$751.42	$1,015.55	$123.77
1400	$66.86	$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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS Zone 1, FY 2017

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$23.27	$40.61	$80.79	$155.40	$229.76	$304.41	
150	$24.95	$43.93	$88.17	$170.38	$252.61	$334.86	
200	$26.64	$47.30	$95.46	$184.97	$274.50	$364.05	$82.58
250	$28.32	$50.66	$102.75	$199.54	$296.36	$393.21	$84.26
300	$30.00	$54.02	$110.02	$214.09	$318.20	$422.34	$85.95
350	$31.68	$57.38	$117.29	$228.64	$340.02	$451.44	$87.63
400	$33.35	$60.73	$124.56	$243.17	$361.82	$480.51	$89.32
450	$35.03	$64.08	$131.81	$257.68	$383.60	$509.56	$91.00
500	$36.70	$67.43	$139.06	$272.19	$405.36	$538.58	$92.69
550	$38.39	$70.81	$146.38	$286.83	$427.33	$567.88	$94.37
600	$40.06	$74.15	$153.62	$301.31	$449.05	$596.85	$96.06
650	$41.76	$77.55	$160.97	$316.01	$471.12	$614.18	$94.98
700	$43.43	$80.89	$168.22	$330.51	$492.41	$655.28	$97.59
750	$45.11	$84.24	$175.47	$345.01	$514.61	$684.29	$100.21
800	$46.81	$87.66	$182.86	$358.05	$552.79	$749.30	$102.83
850	$48.49	$91.01	$190.12	$369.29	$569.99	$781.39	$105.45
900	$50.16	$94.36	$197.37	$380.82	$587.63	$805.36	$108.07
1000	$53.51	$101.06	$211.89	$417.87	$624.22	$855.04	$113.29
1200	$60.24	$114.54	$236.29	$487.04	$751.42	$1,015.55	$123.77
1400	$66.97	$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	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$409.76
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$488.26

Phased COS Zone 1, FY 2018

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$24.20	$42.23	$84.02	$161.61	$238.95	$316.59	
150	$25.95	$45.69	$91.70	$177.20	$262.72	$348.26	
200	$27.70	$49.19	$99.28	$192.37	$285.48	$378.62	$85.88
250	$29.45	$52.69	$106.86	$207.52	$308.21	$408.94	$87.63
300	$31.20	$56.18	$114.42	$222.66	$330.93	$439.23	$89.39
350	$32.94	$59.68	$121.98	$237.78	$353.62	$469.49	$91.14
400	$34.69	$63.16	$129.54	$252.89	$376.29	$499.73	$92.89
450	$36.43	$66.65	$137.08	$267.99	$398.94	$529.94	$94.64
500	$38.17	$70.13	$144.62	$283.07	$421.57	$560.12	$96.39
550	$39.93	$73.64	$152.24	$298.30	$444.42	$590.59	$98.15
600	$41.67	$77.12	$159.77	$313.36	$467.02	$620.73	$99.90
650	$43.43	$80.65	$167.41	$328.65	$489.96	$638.75	$98.78
700	$45.17	$84.13	$174.95	$343.73	$512.11	$681.49	$101.49
750	$46.91	$87.61	$182.48	$358.81	$535.20	$711.66	$104.22
800	$48.69	$91.16	$190.18	$372.37	$574.90	$779.27	$106.94
850	$50.43	$94.65	$197.72	$384.06	$592.79	$812.65	$109.67
900	$52.17	$98.13	$205.27	$396.05	$611.14	$837.57	$112.39
1000	$55.66	$105.10	$220.36	$434.58	$649.19	$889.24	$117.82
1200	$62.65	$119.12	$245.74	$506.52	$781.48	$1,056.17	$128.72
1400	$69.65	$138.90	$286.93	$592.10	$913.78	$1,223.09	$139.60
1500	$81.66	$163.32	$326.64	$653.28	$979.92	$1,306.55	$145.04
1750	$93.43	$186.86	$373.72	$747.44	$1,121.15	$1,494.86	$158.64
2000	$105.21	$210.40	$420.80	$841.60	$1,262.39	$1,683.18	$172.26
2500	$128.74	$257.48	$514.96	$1,029.91	$1,544.87	$2,059.81	$219.32
3000	$152.28	$304.56	$609.12	$1,218.24	$1,827.34	$2,436.45	$226.69
3500	$175.82	$351.63	$703.28	$1,406.55	$2,109.83	$2,813.09	$253.90
4000	$202.25	$406.01	$815.10	$1,636.29	$2,463.57	$3,296.91	$344.51
5000	$281.03	$562.04	$1,124.08	$2,248.15	$3,372.22	$4,496.26	$426.15
6000	$295.68	$592.86	$1,188.82	$2,383.73	$3,584.72	$4,791.78	$503.15
7000	$351.64	$703.27	$1,406.56	$2,813.10	$4,219.65	$5,626.17	$507.79

2 Zone Phased COS Rate Schedules, Zone 2: FY 2014-18

Phased COS Zone 2, FY 2014

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$16.01	$35.53	$55.96	$94.54	$115.99	$158.10	
150	$18.13	$36.08	$73.86	$149.15	$226.53	$306.11	
200	$20.43	$40.81	$83.71	$169.37	$257.74	$348.76	$87.86
250	$22.58	$45.16	$92.79	$188.00	$286.41	$388.01	$90.52
300	$24.54	$49.16	$101.14	$205.14	$312.78	$424.47	$93.18
350	$26.33	$52.82	$108.81	$220.85	$337.00	$457.21	$95.82
400	$27.96	$56.17	$115.81	$235.21	$359.12	$487.45	$98.46
450	$29.44	$59.21	$122.13	$248.26	$379.20	$514.93	$101.08
500	$30.75	$61.90	$127.85	$259.99	$397.28	$539.67	$103.70
550	$33.73	$67.99	$140.52	$285.94	$437.21	$594.23	$106.32
600	$34.86	$70.24	$145.17	$295.39	$451.57	$613.66	$108.93
650	$38.58	$77.87	$161.17	$328.28	$502.34	$683.26	$111.52
700	$39.82	$80.38	$166.37	$338.84	$470.27	$705.00	$114.11
750	$41.08	$82.95	$171.70	$349.65	$534.87	$727.24	$116.70
800	$45.99	$93.08	$192.89	$393.36	$602.44	$812.92	$119.28
850	$47.43	$95.99	$198.91	$405.59	$621.07	$845.27	$121.86
900	$48.90	$98.96	$205.06	$418.07	$640.07	$870.96	$124.43
1000	$51.91	$105.08	$217.73	$443.75	$679.14	$923.77	$129.55
1200	$60.87	$123.50	$256.40	$523.34	$801.27	$1,078.92	$139.76
1400	$69.77	$141.80	$294.82	$602.44	$922.64	$1,233.34	$149.89
1500	$81.70	$161.95	$328.64	$655.88	$983.11	$1,310.34	$154.94
1750	$92.57	$179.67	$372.87	$744.29	$1,115.71	$1,487.13	$167.51
2000	$101.16	$202.31	$417.03	$809.23	$1,213.84	$1,618.44	$180.03
2500	$123.79	$247.58	$495.15	$990.30	$1,485.45	$1,980.59	$220.17
3000	$146.42	$292.85	$585.69	$1,171.38	$1,757.06	$2,342.74	$229.65
3500	$169.06	$338.11	$676.23	$1,352.45	$2,028.68	$2,704.89	$254.26
4000	$194.47	$390.39	$812.65	$1,628.47	$2,448.85	$3,273.79	$358.82
5000	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$429.44
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$507.10

Phased COS Zone 2, FY 2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$21.18	$44.17	$76.08	$134.95	$176.54	$238.60	
150	$23.36	$45.34	$93.14	$186.22	$281.02	$377.63	
200	$25.66	$49.98	$102.89	$206.04	$311.37	$418.82	$105.43
250	$27.80	$54.26	$111.90	$224.35	$339.34	$456.82	$107.95
300	$29.78	$58.24	$120.26	$241.35	$365.29	$492.35	$110.45
350	$31.60	$61.92	$128.04	$257.15	$389.44	$524.83	$112.93
400	$33.29	$65.34	$135.27	$271.86	$411.91	$555.30	$115.41
450	$34.86	$68.53	$141.96	$285.53	$432.77	$583.62	$117.87
500	$36.29	$71.43	$148.18	$298.18	$452.09	$609.84	$120.32
550	$39.03	$76.94	$159.74	$321.62	$487.87	$658.36	$122.76
600	$40.31	$79.50	$165.13	$332.53	$504.37	$680.57	$125.18
650	$43.58	$86.10	$179.06	$360.89	$547.78	$739.61	$127.59
700	$44.95	$88.87	$184.87	$372.62	$529.82	$763.54	$129.99
750	$46.34	$91.67	$190.77	$384.55	$583.61	$787.84	$132.39
800	$50.44	$99.99	$208.31	$420.34	$638.48	$857.55	$134.78
850	$51.96	$103.04	$214.72	$433.30	$658.10	$889.02	$137.16
900	$53.49	$106.14	$221.22	$446.42	$677.99	$915.78	$139.54
1000	$56.63	$112.45	$234.49	$473.19	$718.51	$970.30	$144.25
1200	$65.00	$129.46	$270.52	$546.65	$830.38	$1,113.87	$153.62
1400	$73.28	$146.30	$306.21	$619.41	$941.18	$1,256.41	$162.88
1500	$82.55	$162.16	$334.02	$665.15	$996.28	$1,327.40	$167.49
1750	$92.61	$179.67	$375.71	$748.48	$1,121.24	$1,494.00	$178.93
2000	$101.16	$202.31	$417.31	$809.23	$1,213.84	$1,618.44	$190.29
2500	$123.79	$247.58	$495.15	$990.30	$1,485.45	$1,980.59	$223.27
3000	$146.42	$292.85	$585.69	$1,171.38	$1,757.06	$2,342.74	$235.07
3500	$169.06	$338.11	$676.23	$1,352.45	$2,028.68	$2,704.89	$257.19
4000	$194.47	$390.39	$818.25	$1,636.65	$2,458.12	$3,282.66	$377.91
5000	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$437.19
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$511.46

Phased COS, FY 2016 Zone 2

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$28.03	$54.92	$103.44	$192.65	$268.71	$360.08	
150	$30.10	$56.97	$117.45	$232.49	$348.61	$465.86	
200	$32.22	$61.21	$126.45	$250.64	$376.16	$502.96	$126.51
250	$34.23	$65.20	$134.94	$267.74	$402.05	$537.84	$128.72
300	$36.13	$68.98	$142.99	$283.96	$426.61	$571.09	$130.92
350	$37.92	$72.58	$150.66	$299.43	$450.04	$602.45	$133.11
400	$39.64	$76.01	$158.00	$314.23	$472.45	$632.59	$135.28
450	$41.27	$79.30	$165.02	$328.41	$493.91	$661.47	$137.44
500	$42.83	$82.43	$171.75	$341.99	$514.47	$689.13	$139.59
550	$45.15	$87.06	$181.58	$361.76	$544.40	$729.41	$141.73
600	$46.62	$89.99	$187.83	$374.33	$563.34	$754.78	$143.87
650	$49.23	$95.20	$198.94	$396.74	$597.32	$800.60	$145.98
700	$50.75	$98.24	$205.43	$409.78	$596.92	$826.95	$148.09
750	$52.27	$101.31	$211.97	$422.92	$636.80	$853.49	$150.20
800	$55.32	$107.41	$224.96	$449.18	$676.67	$904.64	$152.30
850	$56.92	$110.61	$231.78	$462.89	$697.34	$935.02	$154.39
900	$58.52	$113.83	$238.65	$476.70	$718.15	$962.90	$156.48
1000	$61.77	$120.35	$252.53	$504.58	$760.17	$1,019.19	$160.62
1200	$69.40	$135.71	$285.42	$571.00	$860.55	$1,149.96	$168.85
1400	$76.97	$150.94	$318.03	$636.85	$960.09	$1,279.92	$177.00
1500	$83.41	$162.36	$339.49	$674.56	$1,009.62	$1,344.69	$181.06
1750	$92.65	$179.67	$378.57	$752.68	$1,126.79	$1,500.90	$191.13
2000	$101.16	$202.31	$417.59	$809.23	$1,213.84	$1,618.44	$201.13
2500	$123.79	$247.58	$495.15	$990.30	$1,485.45	$1,980.59	$226.41
3000	$146.42	$292.85	$585.69	$1,171.38	$1,757.06	$2,342.74	$240.62
3500	$169.06	$338.11	$676.23	$1,352.45	$2,028.68	$2,704.89	$260.15
4000	$194.47	$390.39	$823.87	$1,644.87	$2,467.43	$3,291.54	$398.01
5000	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$445.07
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$515.85

Phased COS Zone 2, FY 2017

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$37.09	$68.28	$140.64	$275.01	$408.99	$543.42	
150	$38.78	$71.59	$148.10	$290.27	$432.47	$574.69	
200	$40.47	$74.97	$155.42	$304.91	$454.43	$603.99	$151.81
250	$42.15	$78.34	$162.72	$319.51	$476.35	$633.23	$153.50
300	$43.84	$81.71	$170.01	$334.10	$498.23	$662.41	$155.19
350	$45.52	$85.07	$177.29	$348.66	$520.08	$691.55	$156.88
400	$47.19	$88.43	$184.56	$363.20	$541.89	$720.65	$158.57
450	$48.87	$91.78	$191.82	$377.72	$563.69	$749.71	$160.26
500	$50.54	$95.13	$199.07	$392.23	$585.45	$778.74	$161.96
550	$52.24	$98.52	$206.41	$406.91	$607.48	$808.12	$163.65
600	$53.91	$101.86	$213.65	$421.39	$629.20	$837.08	$165.34
650	$55.61	$105.27	$221.02	$436.15	$651.35	$866.63	$167.03
700	$57.29	$108.61	$228.27	$450.64	$672.52	$895.62	$168.71
750	$58.96	$111.96	$235.51	$465.13	$694.83	$924.61	$170.40
800	$60.67	$115.39	$242.94	$480.00	$717.15	$954.31	$172.09
850	$62.35	$118.74	$250.20	$494.51	$738.92	$983.41	$173.78
900	$64.02	$122.09	$257.45	$509.02	$760.69	$1,012.45	$175.47
1000	$67.38	$128.79	$271.97	$538.06	$804.25	$1,070.53	$178.85
1200	$74.11	$142.26	$301.15	$596.43	$891.82	$1,187.21	$185.60
1400	$80.84	$155.73	$330.31	$654.78	$979.37	$1,303.87	$192.35
1500	$84.28	$162.57	$345.04	$684.09	$1,023.14	$1,362.19	$195.72
1750	$92.69	$179.67	$381.46	$756.92	$1,132.38	$1,507.84	$204.15
2000	$101.16	$202.31	$417.87	$809.23	$1,213.84	$1,618.44	$212.58
2500	$123.79	$247.58	$495.15	$990.30	$1,485.45	$1,980.59	$229.60
3000	$146.42	$292.85	$585.69	$1,171.38	$1,757.06	$2,342.74	$246.29
3500	$169.06	$338.11	$676.23	$1,352.45	$2,028.68	$2,704.89	$263.14
4000	$194.47	$390.39	$829.54	$1,653.14	$2,476.77	$3,300.45	$419.18
5000	$270.22	$540.42	$1,080.85	$2,161.68	$3,242.52	$4,323.33	$453.10
6000	$284.31	$570.06	$1,143.10	$2,292.05	$3,446.85	$4,607.48	$483.80
7000	$338.12	$676.22	$1,352.46	$2,704.90	$4,057.36	$5,409.78	$520.29

Phased COS Zone 2, FY 2018

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$38.57	$71.01	$146.27	$286.01	$425.35	$565.16	
150	$40.33	$74.46	$154.03	$301.88	$449.76	$597.68	
200	$42.08	$77.97	$161.64	$317.10	$472.61	$628.15	$157.88
250	$43.84	$81.48	$169.23	$332.29	$495.40	$658.56	$159.64
300	$45.59	$84.98	$176.81	$347.46	$518.16	$688.91	$161.40
350	$47.34	$88.47	$184.38	$362.60	$540.88	$719.21	$163.16
400	$49.08	$91.97	$191.94	$377.73	$563.57	$749.47	$164.92
450	$50.82	$95.45	$199.49	$392.83	$586.23	$779.70	$166.68
500	$52.57	$98.93	$207.03	$407.92	$608.87	$809.88	$168.43
550	$54.33	$102.46	$214.67	$423.19	$631.78	$840.45	$170.19
600	$56.07	$105.93	$222.19	$438.24	$654.37	$870.57	$171.95
650	$57.84	$109.48	$229.86	$453.59	$677.40	$901.29	$173.71
700	$59.58	$112.96	$237.40	$468.66	$699.42	$931.44	$175.46
750	$61.32	$116.44	$244.94	$483.74	$722.63	$961.60	$177.22
800	$63.10	$120.01	$252.66	$499.20	$745.83	$992.48	$178.98
850	$64.84	$123.49	$260.21	$514.29	$768.47	$1,022.75	$180.73
900	$66.59	$126.97	$267.75	$529.38	$791.12	$1,052.95	$182.49
1000	$70.07	$133.94	$282.85	$559.58	$836.42	$1,113.35	$186.00
1200	$77.07	$147.95	$313.19	$620.28	$927.49	$1,234.70	$193.02
1400	$84.08	$161.96	$343.53	$680.97	$1,018.55	$1,356.02	$200.04
1500	$87.65	$169.07	$358.85	$711.46	$1,064.07	$1,416.68	$203.55
1750	$96.40	$186.86	$396.71	$787.19	$1,177.67	$1,568.15	$212.32
2000	$105.21	$210.40	$434.58	$841.60	$1,262.39	$1,683.18	$221.09
2500	$128.74	$257.48	$514.96	$1,029.91	$1,544.87	$2,059.81	$238.78
3000	$152.28	$304.56	$609.12	$1,218.24	$1,827.34	$2,436.45	$256.14
3500	$175.82	$351.63	$703.28	$1,406.55	$2,109.83	$2,813.09	$273.67
4000	$202.25	$406.01	$862.72	$1,719.26	$2,575.84	$3,432.47	$435.95
5000	$281.03	$562.04	$1,124.08	$2,248.15	$3,372.22	$4,496.26	$471.23
6000	$295.68	$592.86	$1,188.82	$2,383.73	$3,584.72	$4,791.78	$503.15
7000	$351.64	$703.27	$1,406.56	$2,813.10	$4,219.65	$5,626.17	$541.10

APPENDIX D

Sewer Rate Schedules

Hauled Across the Board Increases Sewer Rate Schedules FY 2014-18

Monthly Rates, Hauled Sewer FY2014

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$11.24	$22.47	$44.50	$88.99	$133.48	$171.13	
150	$14.32	$28.63	$56.71	$113.42	$170.12	$218.11	
200	$15.37	$30.74	$60.90	$121.79	$182.70	$234.22	$65.95
250	$16.42	$32.83	$65.04	$130.08	$195.12	$250.16	$67.20
300	$17.48	$34.95	$69.23	$138.47	$207.70	$266.28	$68.45
350	$18.53	$37.07	$73.42	$146.85	$220.26	$282.39	$69.70
400	$19.59	$39.19	$77.62	$155.22	$232.84	$298.50	$70.95
450	$20.65	$41.30	$81.81	$163.60	$245.40	$314.61	$72.20
500	$21.70	$43.41	$85.99	$171.97	$257.96	$330.72	$73.45
550	$22.75	$45.51	$90.14	$180.27	$270.40	$346.67	$74.68
600	$23.81	$47.62	$94.33	$188.65	$282.97	$362.78	$75.94
650	$24.87	$49.74	$98.52	$197.03	$295.54	$378.89	$77.19
700	$25.92	$51.85	$102.70	$205.40	$308.10	$395.00	$78.43
750	$26.99	$53.96	$106.89	$213.78	$320.67	$411.12	$79.68
800	$28.04	$56.06	$111.04	$222.07	$333.10	$427.06	$80.93
850	$29.09	$58.17	$115.23	$230.45	$345.68	$443.17	$82.17
900	$30.15	$60.28	$119.41	$238.83	$358.24	$459.28	$83.42
1000	$32.26	$64.51	$127.80	$255.59	$383.38	$491.51	$85.92
1200	$36.48	$72.95	$144.51	$289.01	$433.51	$555.78	$90.91
1400	$40.70	$81.39	$161.22	$322.43	$483.65	$620.06	$95.90
1500	$42.81	$85.62	$169.60	$339.20	$508.79	$652.29	$98.40
1750	$48.09	$96.17	$190.50	$380.99	$571.49	$732.68	$104.63
2000	$53.36	$106.72	$211.40	$422.80	$634.19	$813.07	$110.88
2500	$63.91	$127.83	$253.21	$506.41	$759.61	$973.85	$123.35
3000	$74.47	$148.92	$295.01	$590.01	$885.01	$1,134.63	$135.83
3500	$85.02	$170.03	$336.81	$673.62	$1,010.42	$1,295.41	$147.40
4000	$106.72	$213.43	$422.80	$845.59	$1,268.38	$1,626.13	$220.85
5000	$127.83	$255.64	$506.42	$1,012.81	$1,519.21	$1,947.70	$245.80
6000	$148.93	$297.85	$590.02	$1,180.03	$1,770.03	$2,269.26	$270.75
7000	$170.04	$340.05	$673.63	$1,347.24	$2,020.84	$2,590.82	$294.80

Monthly Rates, Hauled Sewer FY2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$11.80	$23.59	$46.73	$93.44	$140.16	$179.69	
150	$15.04	$30.07	$59.55	$119.09	$178.63	$229.02	
200	$16.14	$32.28	$63.95	$127.88	$191.83	$245.93	$69.25
250	$17.24	$34.48	$68.29	$136.59	$204.88	$262.67	$70.56
300	$18.36	$36.70	$72.69	$145.39	$218.08	$279.59	$71.87
350	$19.46	$38.92	$77.10	$154.19	$231.27	$296.51	$73.19
400	$20.57	$41.15	$81.50	$162.98	$244.48	$313.43	$74.50
450	$21.69	$43.36	$85.90	$171.78	$257.67	$330.34	$75.81
500	$22.79	$45.58	$90.29	$180.57	$270.86	$347.26	$77.12
550	$23.89	$47.78	$94.64	$189.29	$283.92	$364.00	$78.41
600	$25.00	$50.00	$99.04	$198.08	$297.12	$380.92	$79.74
650	$26.12	$52.23	$103.45	$206.88	$310.31	$397.83	$81.05
700	$27.22	$54.44	$107.84	$215.67	$323.51	$414.75	$82.35
750	$28.33	$56.66	$112.24	$224.47	$336.71	$431.68	$83.66
800	$29.44	$58.86	$116.59	$233.17	$349.76	$448.41	$84.98
850	$30.54	$61.08	$120.99	$241.98	$362.96	$465.33	$86.28
900	$31.65	$63.29	$125.38	$250.77	$376.15	$482.24	$87.59
1000	$33.87	$67.74	$134.18	$268.37	$402.54	$516.09	$90.22
1200	$38.30	$76.60	$151.73	$303.46	$455.19	$583.57	$95.46
1400	$42.73	$85.45	$169.28	$338.55	$507.83	$651.06	$100.70
1500	$44.95	$89.90	$178.08	$356.16	$534.23	$684.90	$103.32
1750	$50.49	$100.98	$200.02	$400.04	$600.06	$769.31	$109.86
2000	$56.03	$112.06	$221.97	$443.94	$665.90	$853.72	$116.42
2500	$67.11	$134.22	$265.87	$531.73	$797.59	$1,022.54	$129.52
3000	$78.19	$156.37	$309.76	$619.51	$929.26	$1,191.36	$142.62
3500	$89.27	$178.53	$353.66	$707.30	$1,060.94	$1,360.18	$154.77
4000	$112.06	$224.11	$443.94	$887.87	$1,331.80	$1,707.44	$231.89
5000	$134.22	$268.43	$531.74	$1,063.46	$1,595.17	$2,045.09	$258.09
6000	$156.38	$312.75	$619.52	$1,239.03	$1,858.53	$2,382.72	$284.29
7000	$178.54	$357.06	$707.31	$1,414.60	$2,121.89	$2,720.36	$309.54

Monthly Rates, Hauled Sewer FY2016

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$12.27	$24.54	$48.60	$97.18	$145.76	$186.87	
150	$15.64	$31.27	$61.93	$123.86	$185.77	$238.18	
200	$16.79	$33.57	$66.51	$133.00	$199.50	$255.77	$72.02
250	$17.93	$35.85	$71.03	$142.05	$213.08	$273.17	$73.38
300	$19.09	$38.17	$75.60	$151.20	$226.81	$290.78	$74.75
350	$20.24	$40.47	$80.18	$160.36	$240.53	$308.37	$76.11
400	$21.40	$42.79	$84.76	$169.50	$254.26	$325.96	$77.48
450	$22.55	$45.10	$89.33	$178.65	$267.98	$343.55	$78.84
500	$23.70	$47.40	$93.90	$187.80	$281.69	$361.15	$80.21
550	$24.85	$49.69	$98.43	$196.86	$295.28	$378.56	$81.55
600	$26.00	$52.00	$103.01	$206.00	$309.01	$396.16	$82.93
650	$27.16	$54.31	$107.58	$215.15	$322.73	$413.75	$84.29
700	$28.31	$56.62	$112.15	$224.30	$336.45	$431.34	$85.65
750	$29.47	$58.92	$116.73	$233.45	$350.18	$448.94	$87.01
800	$30.61	$61.22	$121.26	$242.50	$363.75	$466.35	$88.38
850	$31.76	$63.52	$125.83	$251.66	$377.48	$483.94	$89.73
900	$32.92	$65.83	$130.40	$260.80	$391.20	$501.53	$91.09
1000	$35.22	$70.45	$139.55	$279.10	$418.65	$536.73	$93.82
1200	$39.83	$79.67	$157.80	$315.59	$473.40	$606.91	$99.27
1400	$44.44	$88.87	$176.05	$352.09	$528.15	$677.11	$104.72
1500	$46.75	$93.49	$185.21	$370.40	$555.60	$712.30	$107.45
1750	$52.51	$105.02	$208.02	$416.05	$624.07	$800.09	$114.26
2000	$58.27	$116.54	$230.85	$461.70	$692.54	$887.87	$121.08
2500	$69.79	$139.59	$276.50	$553.00	$829.49	$1,063.44	$134.70
3000	$81.32	$162.62	$322.15	$644.29	$966.43	$1,239.02	$148.33
3500	$92.84	$185.67	$367.80	$735.59	$1,103.38	$1,414.59	$160.96
4000	$116.54	$233.07	$461.70	$923.39	$1,385.08	$1,775.73	$241.17
5000	$139.59	$279.16	$553.01	$1,105.99	$1,658.98	$2,126.89	$268.41
6000	$162.63	$325.26	$644.31	$1,288.59	$1,932.87	$2,478.03	$295.66
7000	$185.68	$371.34	$735.60	$1,471.18	$2,206.76	$2,829.18	$321.92

Monthly Rates, Hauled Sewer FY2017

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$12.76	$25.52	$48.60	$97.18	$145.76	$186.87	
150	$16.27	$32.52	$61.93	$123.86	$185.77	$238.18	
200	$17.46	$34.92	$66.51	$133.00	$199.50	$255.77	$72.02
250	$18.65	$37.29	$71.03	$142.05	$213.08	$273.17	$73.38
300	$19.85	$39.70	$75.60	$151.20	$226.81	$290.78	$74.75
350	$21.05	$42.09	$80.18	$160.36	$240.53	$308.37	$76.11
400	$22.25	$44.50	$84.76	$169.50	$254.26	$325.96	$77.48
450	$23.46	$46.90	$89.33	$178.65	$267.98	$343.55	$78.84
500	$24.65	$49.30	$93.90	$187.80	$281.69	$361.15	$80.21
550	$25.84	$51.68	$98.43	$196.86	$295.28	$378.56	$81.55
600	$27.05	$54.08	$103.01	$206.00	$309.01	$396.16	$82.93
650	$28.25	$56.49	$107.58	$215.15	$322.73	$413.75	$84.29
700	$29.44	$58.88	$112.15	$224.30	$336.45	$431.34	$85.65
750	$30.65	$61.28	$116.73	$233.45	$350.18	$448.94	$87.01
800	$31.84	$63.67	$121.26	$242.50	$363.75	$466.35	$88.38
850	$33.03	$66.06	$125.83	$251.66	$377.48	$483.94	$89.73
900	$34.24	$68.46	$130.40	$260.80	$391.20	$501.53	$91.09
1000	$36.63	$73.26	$139.55	$279.10	$418.65	$536.73	$93.82
1200	$41.43	$82.85	$157.80	$315.59	$473.40	$606.91	$99.27
1400	$46.22	$92.43	$176.05	$352.09	$528.15	$677.11	$104.72
1500	$48.62	$97.23	$185.21	$370.40	$555.60	$712.30	$107.45
1750	$54.61	$109.22	$208.02	$416.05	$624.07	$800.09	$114.26
2000	$60.60	$121.20	$230.85	$461.70	$692.54	$887.87	$121.08
2500	$72.59	$145.17	$276.50	$553.00	$829.49	$1,063.44	$134.70
3000	$84.57	$169.13	$322.15	$644.29	$966.43	$1,239.02	$148.33
3500	$96.55	$193.10	$367.80	$735.59	$1,103.38	$1,414.59	$160.96
4000	$121.20	$242.39	$461.70	$923.39	$1,385.08	$1,775.73	$241.17
5000	$145.17	$290.33	$553.01	$1,105.99	$1,658.98	$2,126.89	$268.41
6000	$169.14	$338.27	$644.31	$1,288.59	$1,932.87	$2,478.03	$295.66
7000	$193.11	$386.19	$735.60	$1,471.18	$2,206.76	$2,829.18	$321.92

Monthly Rates, Hauled Sewer FY2018

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$13.27	$26.54	$50.54	$101.07	$151.60	$194.35	
150	$16.92	$33.82	$64.41	$128.81	$193.21	$247.70	
200	$18.16	$36.31	$69.17	$138.32	$207.49	$266.00	$74.90
250	$19.40	$38.78	$73.87	$147.73	$221.60	$284.10	$76.32
300	$20.65	$41.29	$78.63	$157.25	$235.88	$302.41	$77.74
350	$21.89	$43.78	$83.39	$166.77	$250.15	$320.70	$79.16
400	$23.14	$46.28	$88.15	$176.28	$264.43	$339.00	$80.58
450	$24.39	$48.78	$92.91	$185.80	$278.69	$357.30	$82.00
500	$25.63	$51.27	$97.65	$195.31	$292.96	$375.59	$83.42
550	$26.87	$53.75	$102.37	$204.73	$307.09	$393.71	$84.81
600	$28.13	$56.24	$107.13	$214.24	$321.37	$412.00	$86.24
650	$29.38	$58.75	$111.89	$223.76	$335.64	$430.30	$87.66
700	$30.62	$61.24	$116.63	$233.27	$349.90	$448.59	$89.07
750	$31.87	$63.73	$121.39	$242.79	$364.18	$466.90	$90.49
800	$33.11	$66.21	$126.11	$252.20	$378.30	$485.00	$91.91
850	$34.35	$68.71	$130.87	$261.72	$392.58	$503.30	$93.32
900	$35.61	$71.20	$135.61	$271.23	$406.84	$521.60	$94.74
1000	$38.10	$76.20	$145.13	$290.27	$435.39	$558.20	$97.58
1200	$43.08	$86.17	$164.11	$328.22	$492.33	$631.19	$103.24
1400	$48.07	$96.13	$183.10	$366.18	$549.27	$704.19	$108.91
1500	$50.56	$101.12	$192.61	$385.22	$577.82	$740.79	$111.75
1750	$56.80	$113.59	$216.34	$432.69	$649.03	$832.09	$118.83
2000	$63.03	$126.05	$240.08	$480.17	$720.24	$923.39	$125.92
2500	$75.49	$150.98	$287.56	$575.12	$862.67	$1,105.98	$140.09
3000	$87.95	$175.89	$335.03	$670.07	$1,005.09	$1,288.58	$154.26
3500	$100.42	$200.82	$382.51	$765.01	$1,147.52	$1,471.17	$167.40
4000	$126.05	$252.09	$480.17	$960.32	$1,440.48	$1,846.76	$250.81
5000	$150.98	$301.94	$575.13	$1,150.23	$1,725.34	$2,211.96	$279.15
6000	$175.90	$351.80	$670.08	$1,340.13	$2,010.19	$2,577.15	$307.49
7000	$200.83	$401.64	$765.03	$1,530.03	$2,295.03	$2,942.34	$334.80

Hauled Sewer Rate Cost of Service Rate Schedules FY 2014-18

COS Monthly Rates, Hauled Sewer FY2014

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	$23.38	$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	$279.23	$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	$204.06	$303.65	$387.74	$66.72
450	$29.07	$53.22	$108.53	$212.20	$315.86	$403.39	$67.62
500	$30.01	$55.12	$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	$128.89	$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	$638.25	$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	$53.73	$102.54	$214.37	$423.88	$633.38	$810.47	$91.11
2000	$58.47	$112.02	$234.73	$464.59	$694.45	$888.76	$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	$924.31	$1,384.03	$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

COS Monthly Rates, Hauled Sewer FY2015

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	$101.14	$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	$331.66	$423.56	$71.00
500	$31.51	$57.87	$118.23	$231.36	$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	$131.06	$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	$73.81	$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	$85.76	$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	$768.80	$90.92
1750	$56.41	$107.66	$225.09	$445.07	$665.05	$850.99	$95.66
2000	$61.39	$117.62	$246.46	$487.82	$729.17	$933.19	$100.40
2500	$71.35	$137.54	$289.21	$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	$177.38	$374.69	$744.27	$1,113.86	$1,426.38	$128.86
4000	$117.62	$230.09	$487.82	$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	$1,966.15	$2,519.06	$238.75
7000	$177.38	$349.59	$744.27	$1,483.44	$2,222.61	$2,847.86	$257.72

COS Monthly Rates, Hauled Sewer FY2016

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	$25.53	$45.69	$91.84	$178.38	$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	$100.74	$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	$331.59	$423.41	$72.86
450	$31.74	$58.11	$118.52	$231.72	$344.92	$440.50	$73.84
500	$32.78	$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	$398.27	$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	$560.19	$80.75
850	$40.03	$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	$329.52	$491.62	$628.57	$84.69
1200	$47.28	$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	$624.98	$799.55	$94.56
1750	$58.67	$111.97	$234.09	$462.87	$691.66	$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	$114.29
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	$1,511.36	$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	$1,364.97	$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

COS Monthly Rates, Hauled Sewer FY2017

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	$90.90	$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	$30.86	$56.13	$114.01	$222.50	$330.98	$422.56	$74.75
400	$31.93	$58.29	$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	$475.91	$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	$38.40	$71.21	$146.37	$287.22	$428.07	$547.03	$81.93
750	$39.47	$73.36	$151.00	$296.47	$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	$164.87	$324.20	$483.54	$618.16	$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	$920.44	$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	$712.55	$1,066.05	$1,364.97	$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	$1,049.72	$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	$712.55	$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

COS Monthly Rates, Hauled Sewer FY2018

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	$53.90	$108.96	$212.16	$315.37	$402.48	$75.60
300	$30.97	$56.14	$113.76	$221.78	$329.79	$420.97	$76.67
350	$32.09	$58.38	$118.57	$231.40	$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	$133.00	$260.24	$387.49	$494.94	$80.94
550	$36.57	$67.34	$137.80	$269.86	$401.92	$513.43	$82.00
600	$37.69	$69.58	$142.61	$279.48	$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	$157.04	$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	$105.43	$219.54	$433.33	$647.13	$827.81	$100.14
1500	$57.85	$109.91	$229.16	$452.56	$675.97	$864.79	$102.27
1750	$63.46	$121.11	$253.20	$500.65	$748.09	$957.25	$107.61
2000	$69.06	$132.31	$277.24	$548.73	$820.21	$1,049.72	$112.94
2500	$80.26	$154.71	$325.32	$644.89	$964.46	$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	$548.73	$1,091.70	$1,634.68	$2,093.90	$225.88
5000	$154.71	$303.63	$644.89	$1,284.03	$1,923.16	$2,463.75	$247.22
6000	$177.12	$348.44	$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

Hauled Sewer Rates: Phased Cost of Service Rate Schedules FY 2014-2018

Phased COS, FY 2014

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$13.29	$25.82	$51.66	$102.51	$153.36	$202.22	
150	$16.11	$31.33	$62.73	$124.55	$186.35	$245.74	
200	$17.16	$33.42	$66.97	$132.99	$199.02	$262.45	$67.34
250	$18.20	$35.48	$71.15	$141.35	$211.55	$278.99	$68.53
300	$19.25	$37.57	$75.37	$149.78	$224.18	$295.67	$69.73
350	$20.30	$39.64	$79.59	$158.20	$236.80	$312.33	$70.93
400	$21.34	$41.72	$83.80	$166.60	$249.41	$328.97	$72.13
450	$22.39	$43.79	$88.01	$175.01	$262.01	$345.60	$73.32
500	$23.42	$45.86	$92.20	$183.40	$274.60	$362.22	$74.52
550	$24.46	$47.92	$96.37	$191.73	$287.08	$378.70	$75.70
600	$25.50	$49.98	$100.57	$200.12	$299.67	$395.31	$76.91
650	$26.54	$52.05	$104.77	$208.51	$312.24	$411.91	$78.10
700	$27.57	$54.11	$108.96	$216.88	$324.80	$428.50	$79.29
750	$28.61	$56.17	$113.15	$225.27	$337.37	$445.09	$80.49
800	$29.64	$58.22	$117.31	$233.57	$349.83	$461.54	$81.68
850	$30.67	$60.28	$121.51	$241.95	$362.39	$478.12	$82.87
900	$31.71	$62.34	$125.69	$250.32	$374.94	$494.69	$84.06
1000	$33.77	$66.46	$134.07	$267.06	$400.04	$527.83	$86.46
1200	$37.89	$74.68	$150.77	$300.44	$450.12	$593.93	$91.23
1400	$42.01	$82.89	$167.46	$333.81	$500.17	$660.01	$96.00
1500	$44.06	$87.00	$175.82	$350.53	$525.23	$693.11	$98.40
1750	$49.20	$97.26	$196.67	$392.23	$587.78	$775.68	$104.63
2000	$54.33	$107.51	$217.53	$433.92	$650.30	$858.23	$110.88
2500	$64.59	$128.00	$259.21	$517.26	$775.32	$1,023.28	$123.35
3000	$74.84	$148.47	$300.87	$600.58	$900.29	$1,188.29	$135.83
3500	$85.08	$168.94	$342.53	$683.89	$1,025.24	$1,353.26	$147.40
4000	$107.51	$213.82	$433.92	$866.69	$1,299.46	$1,715.33	$220.85
5000	$128.00	$254.78	$517.27	$1,033.37	$1,549.47	$2,045.42	$245.80
6000	$148.48	$295.72	$600.59	$1,200.00	$1,799.41	$2,375.42	$270.75
7000	$168.95	$336.65	$683.90	$1,366.60	$2,049.31	$2,705.35	$294.80

Phased COS, FY 2015

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$16.51	$31.16	$62.37	$122.81	$183.25	$238.95	
150	$19.03	$36.00	$72.17	$142.24	$212.29	$276.86	
200	$20.11	$38.14	$76.58	$151.02	$225.46	$294.07	$68.75
250	$21.19	$40.26	$80.94	$159.74	$238.52	$311.15	$69.89
300	$22.27	$42.39	$85.33	$168.50	$251.65	$328.31	$71.04
350	$23.34	$44.51	$89.72	$177.25	$264.76	$345.44	$72.18
400	$24.41	$46.64	$94.09	$185.98	$277.86	$362.55	$73.32
450	$25.48	$48.76	$98.47	$194.70	$290.94	$379.65	$74.46
500	$26.54	$50.87	$102.83	$203.42	$304.00	$396.73	$75.60
550	$27.60	$52.97	$107.16	$212.08	$316.98	$413.70	$76.74
600	$28.67	$55.08	$111.52	$220.78	$330.04	$430.76	$77.88
650	$29.73	$57.19	$115.88	$229.48	$343.08	$447.80	$79.02
700	$30.79	$59.30	$120.23	$238.17	$356.11	$464.84	$80.16
750	$31.85	$61.40	$124.58	$246.86	$369.14	$481.88	$81.30
800	$32.90	$63.50	$128.90	$255.50	$382.09	$498.80	$82.44
850	$33.96	$65.60	$133.25	$264.18	$395.11	$515.82	$83.57
900	$35.01	$67.70	$137.59	$272.86	$408.12	$532.83	$84.71
1000	$37.12	$71.90	$146.27	$290.21	$434.14	$566.84	$86.99
1200	$41.33	$80.28	$163.59	$324.82	$486.05	$634.71	$91.55
1400	$45.53	$88.64	$180.90	$359.41	$537.93	$702.53	$96.09
1500	$47.62	$92.83	$189.56	$376.73	$563.90	$736.48	$98.40
1750	$52.86	$103.27	$211.17	$419.94	$628.71	$821.21	$104.63
2000	$58.09	$113.71	$232.78	$463.14	$693.49	$905.91	$110.88
2500	$68.54	$134.58	$275.97	$549.49	$823.00	$1,075.23	$123.35
3000	$78.97	$155.42	$319.13	$635.80	$952.46	$1,244.48	$135.83
3500	$89.40	$176.26	$362.28	$722.09	$1,081.89	$1,413.69	$147.40
4000	$113.71	$224.91	$463.14	$923.85	$1,384.55	$1,809.42	$220.85
5000	$134.58	$266.61	$549.49	$1,096.52	$1,643.55	$2,148.04	$245.80
6000	$155.42	$308.28	$635.81	$1,269.13	$1,902.46	$2,486.54	$270.75
7000	$176.26	$349.94	$722.09	$1,441.70	$2,161.30	$2,824.95	$294.80

Phased COS, FY 2016

Capacity	1 time/month	2 times/month	1 time/week	2 times/week	3 times/week	4 times/week	Extra Haul
100	$20.51	$37.59	$75.29	$147.13	$218.96	$282.36	
150	$22.48	$41.36	$83.03	$162.44	$241.84	$311.93	
200	$23.57	$43.52	$87.57	$171.50	$255.43	$329.51	$70.19
250	$24.66	$45.67	$92.09	$180.52	$268.94	$347.01	$71.28
300	$25.75	$47.83	$96.62	$189.56	$282.49	$364.54	$72.37
350	$26.83	$49.99	$101.14	$198.59	$296.02	$382.06	$73.45
400	$27.92	$52.14	$105.65	$207.60	$309.55	$399.56	$74.54
450	$29.00	$54.28	$110.17	$216.61	$323.05	$417.04	$75.62
500	$30.08	$56.43	$114.67	$225.61	$336.55	$434.52	$76.71
550	$31.16	$58.57	$119.16	$234.59	$350.00	$451.93	$77.79
600	$32.23	$60.70	$123.66	$243.58	$363.49	$469.38	$78.87
650	$33.31	$62.85	$128.16	$252.57	$376.96	$486.83	$79.96
700	$34.38	$64.98	$132.66	$261.55	$390.43	$504.26	$81.04
750	$35.46	$67.12	$137.15	$270.53	$403.90	$521.70	$82.12
800	$36.53	$69.25	$141.63	$279.48	$417.32	$539.07	$83.21
850	$37.60	$71.38	$146.12	$288.45	$430.78	$556.49	$84.29
900	$38.67	$73.51	$150.61	$297.42	$444.23	$573.91	$85.37
1000	$40.81	$77.78	$159.58	$315.36	$471.13	$608.73	$87.54
1200	$45.08	$86.29	$177.51	$351.18	$524.86	$678.28	$91.86
1400	$49.34	$94.79	$195.41	$386.98	$578.55	$747.79	$96.19
1500	$51.47	$99.05	$204.37	$404.89	$605.41	$782.56	$98.40
1750	$56.79	$109.66	$226.74	$449.62	$672.49	$869.41	$104.63
2000	$62.11	$120.28	$249.10	$494.33	$739.55	$956.23	$110.88
2500	$72.73	$141.49	$293.81	$583.72	$873.63	$1,129.80	$123.35
3000	$83.34	$162.69	$338.50	$673.08	$1,007.66	$1,303.33	$135.83
3500	$93.94	$183.89	$383.17	$762.42	$1,141.67	$1,476.83	$147.40
4000	$120.28	$236.59	$494.33	$984.77	$1,475.21	$1,908.67	$220.85
5000	$141.49	$278.99	$583.72	$1,163.53	$1,743.35	$2,255.81	$245.80
6000	$162.69	$321.38	$673.08	$1,342.24	$2,011.40	$2,602.86	$270.75
7000	$183.89	$363.76	$762.42	$1,520.92	$2,279.41	$2,949.84	$294.80

Phased COS, FY 2017

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	$90.90	$176.26	$261.63	$333.66	
150	$26.55	$47.51	$95.52	$185.51	$275.50	$351.44	
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	$30.86	$56.13	$114.01	$222.50	$330.98	$422.56	$74.75
400	$31.93	$58.29	$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	$475.91	$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	$38.40	$71.21	$146.37	$287.22	$428.07	$547.03	$81.93
750	$39.47	$73.36	$151.00	$296.47	$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	$164.87	$324.20	$483.54	$618.16	$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	$98.40
1750	$61.01	$116.45	$243.46	$481.39	$719.32	$920.44	$104.63
2000	$66.40	$127.22	$266.57	$527.62	$788.67	$1,009.34	$110.88
2500	$77.17	$148.76	$312.80	$620.08	$927.36	$1,187.15	$123.35
3000	$87.94	$170.31	$359.04	$712.55	$1,066.05	$1,364.97	$135.83
3500	$98.71	$191.85	$405.27	$805.01	$1,204.75	$1,542.78	$147.40
4000	$127.22	$248.86	$527.62	$1,049.72	$1,571.81	$2,013.37	$220.85
5000	$148.76	$291.95	$620.08	$1,234.64	$1,849.20	$2,368.99	$245.80
6000	$170.31	$335.03	$712.55	$1,419.56	$2,126.58	$2,724.62	$270.75
7000	$191.85	$378.12	$805.01	$1,604.49	$2,403.97	$3,080.24	$294.80

Phased COS, FY 2018

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	
150	$27.61	$49.41	$99.34	$192.93	$286.52	$365.49	
200	$28.73	$51.65	$104.15	$202.55	$300.95	$383.99	$74.53
250	$29.85	$53.90	$108.96	$212.16	$315.37	$402.48	$75.60
300	$30.97	$56.14	$113.76	$221.78	$329.79	$420.97	$76.67
350	$32.09	$58.38	$118.57	$231.40	$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	$133.00	$260.24	$387.49	$494.94	$80.94
550	$36.57	$67.34	$137.80	$269.86	$401.92	$513.43	$82.00
600	$37.69	$69.58	$142.61	$279.48	$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	$157.04	$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	$105.43	$219.54	$433.33	$647.13	$827.81	$100.14
1500	$57.85	$109.91	$229.16	$452.56	$675.97	$864.79	$102.34
1750	$63.46	$121.11	$253.20	$500.65	$748.09	$957.25	$108.82
2000	$69.06	$132.31	$277.24	$548.73	$820.21	$1,049.72	$115.32
2500	$80.26	$154.71	$325.32	$644.89	$964.46	$1,234.64	$128.28
3000	$91.46	$177.12	$373.40	$741.05	$1,108.70	$1,419.56	$141.26
3500	$102.66	$199.52	$421.48	$837.21	$1,252.94	$1,604.49	$153.30
4000	$132.31	$258.82	$548.73	$1,091.70	$1,634.68	$2,093.90	$229.68
5000	$154.71	$303.63	$644.89	$1,284.03	$1,923.16	$2,463.75	$255.63
6000	$177.12	$348.44	$741.05	$1,476.35	$2,211.65	$2,833.60	$281.58
7000	$199.52	$393.24	$837.21	$1,668.67	$2,500.13	$3,203.45	$306.59

Addendum to the Study provided 2014

City of Bethel
Cost of Service Hauled Water Rates, 2 Zone

COS Monthly Rates Zone 1, Hauled Water FY2014

Capacity	1 time/month	2 times/month	1 times 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

Addendum to the Study provided 2014

COS Monthly Rates Zone 1, Hauled Water FY2015

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

Addendum to the Study provided 2014

COS Monthly Rates Zone 1, Hauled Water FY2016

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

Addendum to the Study provided 2014

COS Monthly Rates Zone 1, Hauled Water FY2017

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

Addendum to the Study provided 2014

COS Monthly Rates Zone 1, Hauled Water FY2018

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

Addendum to the Study provided 2014

COS Monthly Rates Zone 2, Hauled Water FY2014

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

Addendum to the Study provided 2014

Phased COS Monthly Rates Zone 2, Hauled Water FY2015

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

Addendum to the Study provided 2014

Phased COS Monthly Rates Zone 2, Hauled Water FY2016

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

Addendum to the Study provided 2014

Phased COS Monthly Rates Zone 2, Hauled Water FY2017

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

Addendum to the Study provided 2014

Phased COS Monthly Rates Zone 2, Hauled Water FY2018

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

Addendum to the Study provided 2014

City of Bethel
Cost of Service Hauled Sewer Rates

COS Monthly Rates, Hauled Sewer FY2014

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

Addendum to the Study provided 2014

COS Monthly Rates, Hauled Sewer FY2015

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

Addendum to the Study provided 2014

COS Monthly Rates, Hauled Sewer FY2016

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

Addendum to the Study provided 2014

COS Monthly Rates, Hauled Sewer FY2017

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

Addendum to the Study provided 2014

COS Monthly Rates, Hauled Sewer FY2018

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: Acting City Manager Williams
Introduction Date: May 22, 2014
Public Hearing:

Action:
Vote:

CITY OF BETHEL, ALASKA

ORDINANCE #13-12 (g)

An Ordinance of the Bethel City Council Amending the Adopted Annual FY 2014 Budget

Be it Enacted by the Bethel City Council that the FY 2014 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 2014, July 1, 2013 to June 30, 2014.

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

GENERAL FUND (10)

Budget Modification
Change to ADMINISTRATION BUDGET

	Increases	
10-51-501	SALARIES	15,492
10-51-508	LEAVE CASHOUT	35,467
10-51-669	OTHER PURCHASED SERVICES	12,000
10-51-799	MISCELLANEOUS EXPENSES	3,000
10-51-545	TRAINING/TRAVEL	3,426
	Total Increases	**69,386**
	Decreases	
10-51-602	GASOLINE/DIESEL/OIL	(1,000)
10-51-561	SUPPLIES	(5,000)
10-51-683	MINOR EQUIPMENT	(2,000)
10-51-727	ADVERTISING	(1,500)
10-51-623	HEATING FUEL	(1,500)
	FY 14 ANTICIPATED GAIN(USE)	(58,386)
	Total Decreases	**(69,386)**
TOTAL	**Net Change to General Fund Appropriations**	**(0)**

Budget Modification
Change to CITY ATTORNEY'S OFFICE

	Increases	
10-56-642	LEGAL FEES	6,000
	Total Increases	**6,000**
	Decreases	
10-56-545	TRAINING/TRAVEL	
	Total Decreases	(6,000)
TOTAL	**Net Change to General Fund Appropriations**	**0**

TOTAL CHANGE TO OVERALL CITY BUDGET

	Change to Revenues Increase/(Decrease)	***0***
	Change to Appropriations Increase/(Decrease)	***58,386***
	These changes *INCREASE*↑ the overall expenditures/expenses of the City by	**58,386**

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

Acting City Manager
Introduced by: Williams
Introduction Date: May 22, 2014
Public Hearing:
Action:
Vote:

CITY OF BETHEL, ALASKA

ORDINANCE # 14-14

AN ORDINANCE ESTABLISHING A CITY OF BETHEL BUDGET FOR FISCAL YEAR 2015 BEGINNING JULY 1, 2014

Be it Ordained by the City Council of Bethel as follows:

Section 1. That Ordinance 14-14, a non-code ordinance, establishes a City of Bethel Annual Budget for fiscal year 2015.

Section 2. There is hereby appropriated out of the revenues of the City of Bethel, for the fiscal year beginning July 1, 2014, the sum of $23,248,630, which sum is deem by Council to be necessary to defray all expenditures of the City during said budget year to be divided and appropriated in accordance with the attached budget proposal as follows:

General Fund - Operating	
City Administration	$670,126
City Clerk & Council	201,463
Finance Department	927,613
Planning Department	276,447
Information Technology Services	629,246
City Attorney	245,786
Fire Department	1,128,094
Police Department	2,875,921
Public Works-Administration	253,308
Streets & Roads	1,373,784
Property Maintenance	761,327
Parks & Recreation	623,396
Community Services	157,828
In-Kind & Transfers	408,135
Indirect Cost Recovery	(564,625)
TOTAL GENERAL FUND - OPERATING	$9,967,849
General Fund - Projects	
City Administration	$0
City Clerk & Council	0
Finance Department	0
Planning Department	0
Information Technology Services	0
City Attorney's Office	0
Fire Department	0
Police Department	0
Public Works-Administration	0
Streets & Roads	338,000
Property Maintenance	0
Parks & Recreation	0

Community Services	5,000
In-kind & Transfers	0
TOTAL GENERAL FUND - PROJECTS	$343,000
General Fund - Capital Expenditures	
City Administration	$0
City Clerk & Council	0
Finance Department	0
Planning Department	0
Information Technology Services	11,300
City Attorney's Office	0
Fire Department	0
Police Department	0
Public Works-Administration	0
Streets & Roads	0
Property Maintenance	0
Parks & Recreation	0
Community Services	0
In-kind & Transfers	0
TOTAL GENERAL FUND - CAPITAL EXP.	$11,300
General Fund - Xfer for Capital Projects	
In-kind & Transfers	$618,100
TOTAL GENERAL FUND - XFER FOR CAPITAL PROJ.	$618,100
TOTAL GENERAL FUND	**$10,940,249**
Special Revenue Funds	
E-911 Services	168,157
TOTAL SPECIAL REVENUE FUNDS	**$168,157**
Capital Project Funds	
Land Planning and Development	$35,000
Park Development Fund	-
Bethel Multi-Use Recreational Facility	-
Public Safety Building	0
Port Office Fund	50,000
Port Multi-Facility Improvements Fund	0
Fleet Replacement Fund	0
TOTAL CAPITAL PROJECT FUNDS	**$85,000**
Enterprise Fund-Solid Waste	
Hauled Refuse	$292,070
Landfill Operations	513,648
Recycling	218,223
Transfers Out	35,000

TOTAL ENTERPRISE FUND-SOLID WASTE	**$1,058,941**

Enterprise Fund-Water & Sewer	
Utility Billing	$158,234
Hauled Water	1,587,966
Hauled Sewer	1,642,617
Piped Water	464,421
Piped Sewer	731,821
Water Treatment - BH	759,292
Water Treatment - CS	690,384
Sewer Lagoon	134,573
Projects	5,000
Indirect Cost Recovery	(20,825)
Transfers Out	70,000
TOTAL ENTERPRISE FUND-WATER & SEWER	**$6,223,483**

Enterprise Fund-Port	
Municipal Dock-Operating	$667,119
Projects	65,000
Capital Outlay	23,064
Transfers Out	50,000
TOTAL ENTERPRISE FUND - PORT	**$805,183**

Enterprise Fund-Leased Properties	
Court Complex	$679,787
Other Leased Properties	23,900
Projects	0
Capital Outlay	40,000
Transfers Out	0
TOTAL ENTERPRISE FUND-LEASED PROPERTIES	**$743,687**

Enterprise Fund-Bethel Public Transit System	
Transit System	$387,172
Capital Outlay	63,000
TOTAL ENTERPRISE FUND-TRANSIT SYSTEM	**$450,172**

Internal Svc Fund-Employee Group Health	
Employee Group Health Benefits	$1,482,680
Capital Outlay	0
TOTAL INTERNAL SVC FUND-EMP GROUP HEALTH	**$1,482,680**

Internal Svc Fund-Vehicle & Equipment Maint.	
Vehicle & Equipment Maintenance	$1,259,378
Capital Outlay	23,300
TOTAL INTERNAL SVC FUND-VEHICLE & EQUIP	**$1,282,678**

Endowment Fund	
Transfers Out	$8,400

TOTAL ENDOWMENT FUND	**$8,400**

Section 3. That the FY2015 budget is adopted for a period of one (1) year, that being from July 1, 2014 to June 30, 2015.

ENACTED THIS 14 DAY OF MAY 2013, BY A VOTE OF 5 IN FAVOR AND 1 OPPOSED.

Joseph A. Klejka, Mayor

ATTEST:

Lori Strickler, City Clerk

New Business

Introduced by: Acting City Manager Williams
Date: May 27, 2014
Action:
Vote:

CITY OF BETHEL, ALASKA

Resolution #14-10

AN RESOLUTION ENDORSING PROPOSED PROJECTS AT THE BETHEL MUNICIPAL AIRPORT THROUGH THE DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES

WHEREAS the State of Alaska published the *Bethel Airport Master Plan* in 2012, and now proposes to bring forward to the Airport Project Evaluation Board these projects: "North Air Taxi Apron Reconstruction and Expansion" ($7,970,000), and "North Air Taxi Roads and Parking Phase 1" ($220,000);

WHEREAS the plan proposes an improvement to Apron Road which serves airline companies such as ERA, which will add a connection between Apron Road and Chief Eddie Hoffman Highway;

WHEREAS this improvement will provide an alternate access between Chief Eddie Hoffman Highway and Apron Road, improving circulation and enhancing customer service, and is the first phase of a larger project to widen Apron Road;

WHEREAS the plan also proposes to reconstruct the existing apron in accordance with the Pavement Management Plan, and expand the apron to the south to serve all lease areas up to the Air Carrier Apron;

WHEREAS the City Council finds that such improvements are in the public interest; and

NOW, THEREFORE, BE IT RESOLVED that The City of Bethel City Council endorses the proposed improvements, reference Figure 23, "North Air Taxi Apron Landside Access Alternative D – Recommended Alternative," of the *Bethel Airport Master Plan Update (Draft) 2013,* which will create the access road to Chief Eddie Hoffman Highway from Apron Road; and improvements to the existing apron.

ENACTED THIS 27th DAY OF MAY, 2014 BY A VOTE OF 6 IN FAVOR AND 0 OPPOSED.

_____
Joseph A. Klejka, Mayor

ATTEST:

_____
Lori Strickler, City Clerk

Based on discussions with users and DOT&PF maintenance staff, Alternative D (Figure 23), a variation of Alternative B was recommended. Alternative D adds another connector road to Chief Eddie Hoffman Highway.

9.2.4 Air Carrier Apron Landside Access and Parking

Figure 24 shows recommended Air Carrier Apron landside area road and pedestrian access and parking improvements. A new one-way road loop is proposed with an entrance off of Tower Road and an exit at the intersection of Tower Road and Chief Eddie Hoffman Highway. This road would provide customer, delivery, and employee access to all lease lots at the Air Carrier Apron landside area. The road would widen to the three lanes for drop off, pick up and for vehicles transiting the area. A pedestrian path would be provided next to the road. Parking for customers, employees, taxis, shuttle vans and rental cars would be provided within the road loop, and would gradually encompass more of the space, over the next 20 years and beyond. The airport M&O facilities would ultimately be relocated from the area.

The Chief Eddie Hoffman Highway is a federal highway that connects the Bethel Airport to the City of Bethel. The Highway should be extended to encompass the Air Carrier Apron landside road loop because this road loop is part of the primary connection of the airport to the City of Bethel. Lease lots along this road loop are leased by some of the primary passenger and cargo airlines serving Bethel and the surrounding region. The current terminus to the Highway is at an intersection with Tower Road, and it does not directly connect to the Air Carrier Apron landside area.

9.2.5 Long-Term Airport Development/Land Acquisition

Bethel Airport is one of the busiest airports in Alaska, and because it plays a vital transportation role for a large region of the State, it is especially important to be sure a long-term master plan looks far into the future to preserve land for long-term growth and to protect existing airport land from incompatible development. This issue is also discussed in a companion document, the Bethel Airport Land Use Assessment.

Most of the west side of the airport has been developed or is proposed for development over the next 20 years in this plan. Land on the east side of the airport remains mostly undeveloped, except for the FAA's VOR. The timing of the need for additional east side land for airport

DOT&PF maintenance staff for snow removal and maintenance of the new parking area. Snow removal for the road would continue to be difficult as snow could not be bermed on the west side of the street, but would have to be hauled or pushed to the north end of the road. Although this alternative provides sufficient additional parking to meet current and future demand, it only partly addresses pedestrian safety and does not address snow removal concerns.

9.2.3.2 North Air Taxi Apron Landside Alternative B: East Side Parking with Two-Way Road

Alternative B (Figure 21) creates an approximately 75 foot wide vehicle parking and loading/unloading area east of the existing roadway, adjacent to the buildings. The road would be shifted to the west by filling the ditch along the road. A pedestrian pathway would be provided on the east side of the road. The additional parking area would be added to and maintained by existing leases and the additional pedestrian pathway would be maintained by DOT&PF. This alternative allows customers parking and loading/unloading next to the terminal buildings. There would be no parking allowed on the west side of the road, allowing airport maintenance crews to move road snow directly into the ditch rather than hauling it.

9.2.3.3 North Air Taxi Apron Landside Alternative C: East Side Parking with One-Way Road

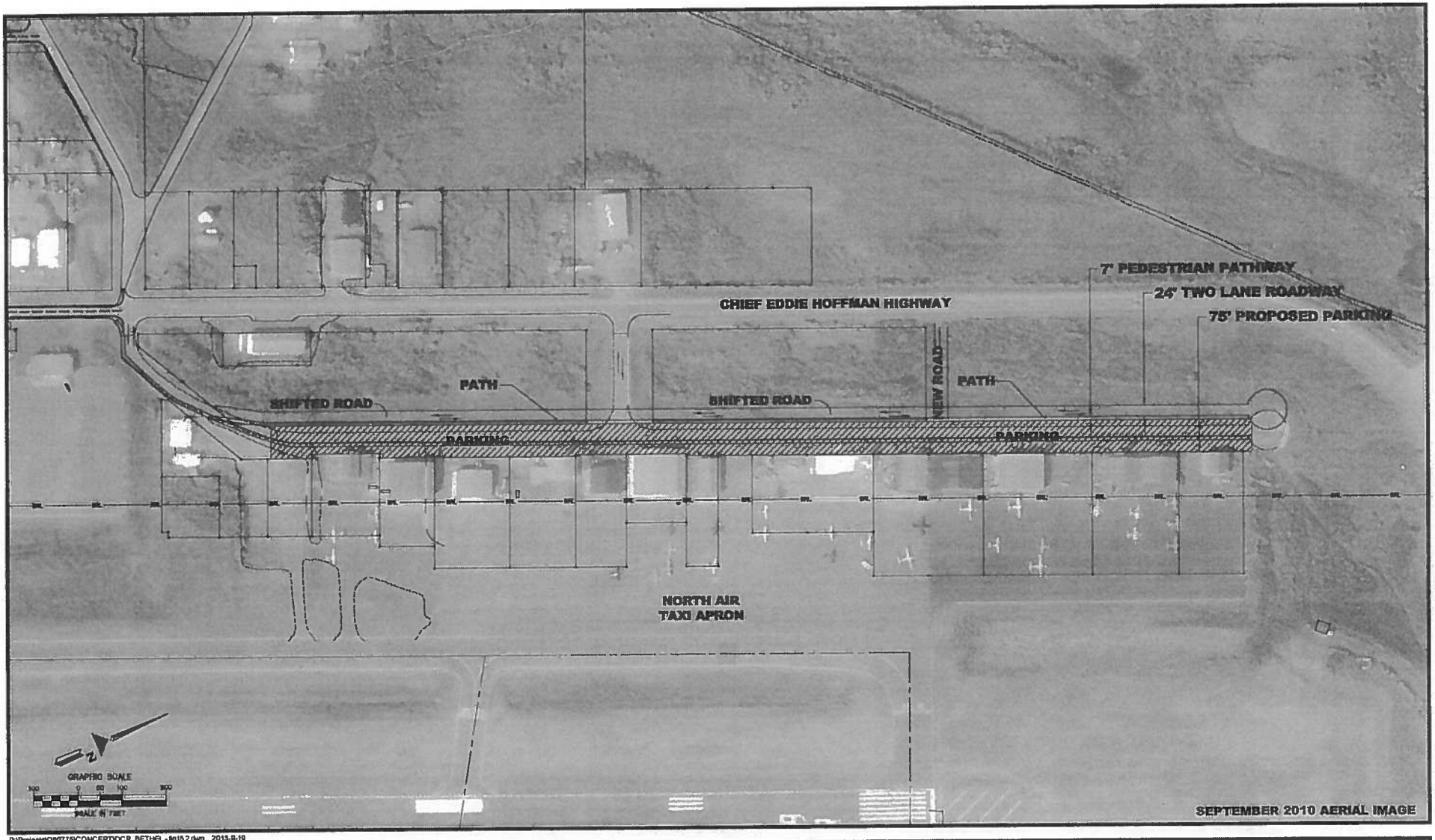
Alternative C (Figure 22) is similar to Alternative B, except that the road width is narrower, is one way, and a new connection is made from the end of the current road to Chief Eddie Hoffman Highway. This alternative has similar characteristics to Alternative B, except that arriving and departing vehicles could only travel in one direction and some would have to travel greater distances.

9.2.3.4 Evaluation of North Air Taxi Apron Landside Alternatives

All of the alternatives would provide adequate additional parking. Alternative B has advantages over Alternative A including: less safety conflicts between pedestrians and vehicles; easier road snow removal for DOT&PF; and parking space would be leased and maintained by tenants, consistent with the rest of the airport. Alternative B's advantages over Alternative C is shorter driving distances and greater flexibility for drivers driving between lease areas. Alternative B, with one small change, was supported by tenants in the North Air Taxi area.

Table 63: Bethel Airport Master Plan 20 Year Capital Improvement Program

Item	Project	Short-Term (0-5 Years)	Medium-Term (6-10 Years)	Long-Term (11-20 Years)	Notes
A	North Air Taxi Apron Reconstruction and Expansion	$7,970,000			Reconstruct existing apron in accordance with Pavement Management Plan and expand apron to the south to serve all lease areas up to the Air Carrier Apron.
B	Partial Parallel Taxiway/Extend Taxiway J	$2,810,000			Extend TW J to TW C. Construct a TDG II parallel TW from the North Air Taxi Apron to TW J. Replace culvert under TW C.
C	Shift and Extend Runway 12-30 Phase 1	$1,690,000			Acquire crosswind extension property and relocate rifle range. Acquire RW 1R RPZ. Extend crosswind runway RSA 200 feet. Complete Environmental Assessment.
D	Air Carrier Apron Roads and Parking Phase 1	$2,060,000			Designate road as part of Federal Highway System as terminus of Chief Eddie Hoffman Highway and nominate for funding in STIP; relocate/demolish unused and portable buildings/equipment; reorganize, expand, and pave parking lot.
E	Mitigate Wildlife Hazard From Pond	$190,000			Drain/fill pond near the end of Runway 1R.
F	Level/Reinforce 1L-19R RSA	$4,380,000			Fill and compact safety area in the vicinity of the Bethel Bump. Install PAPI's.
G	North Air Taxi Roads and Parking Phase 1	$220,000			Prepare grading plan to use ditch area as disposal site for waste materials. Construct new connector road between Chief Eddie Hoffman Highway and the North Air Taxi Road.
H	North Air Taxi Roads and Parking Phase 2		$4,130,000		Fill ditch to shift road, construct road in ditch area, construct pedestrian pathway, level former road and transfer property to lease lots for use as expanded parking.
I	Shift and Extend Runway 12-30 Phase 2		$10,840,000		Shift the crosswind runway to eliminate the overlap with the Runway 1L-19R RSA and



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DOWL HKM

NORTH AIR TAXI APRON LANDSIDE ACCESS ALTERNATIVE D - RECOMMENDED ALTERNATIVE
BETHEL AIRPORT MASTER PLAN

FIGURE 23

City of Bethel Action Memorandum

Action memorandum No.	14-39		
Date action introduced:	May 27, 2014	Introduced by:	Mayor Klejka
Date action taken:		☐ Approved	☐ Denied
Confirmed by:			

SUBJECT/ACTION: *Approve Mayor Klejka's appointment of Carol Ann Willard to the Finance Committee.*

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

Attachment(s): Application

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

Action memorandum 14-39 is sponsored by the Mayor at the request of the City Clerk.

Carol Ann Willard has requested appointment to the Finance Committee. If appointed, she would be appointed to a term of three years with a term expiration of December 31, 2017.

Office of the City Clerk
City of Bethel
300 State Highway
Bethel, AK 99559-1388
Phone: (907)-543-1384
Fax: (907)-543-3817

APPLICATION FOR APPOINTMENT TO A COMMITTEE OR COMMISSION

Committee(s)/Commission(s) of interest:

- __ Energy Committee
- __ Parks and Recreation Committee
- ✓ Finance Committee
- __ Public Works Committee
- __ Port Commission
- __ Public Safety and Transportation Commission
- __ Planning Commission

All Planning Commissioners are required to provide a Financial Disclosure Statement to the City Clerk's Office within 30 days of appointment. Commissioners are also required to update those statements only when changes occur that would require an amendment to their statement.

NAME: CAROL ANN WILLARD

MAILING ADDRESS: BETHEL, AK 99559

RESIDENCE ADDRESS: BETHEL, AK 99559

HOME PHONE: 907-543 **WORK PHONE:** 907-543

CELL PHONE: 907-545 **E-MAIL:** CAROLANN WILLARD@

OCCUPATION: TRAVEL SUPVR SHELTER ADVOCATE **EMPLOYER:** YKHC TWC

1. Do you (or an immediate family member) currently own or operate a business in the City of Bethel? If so please provide the name and the type of business.

NO

Carol Ann Willard

2. Are you (or an immediate family member) a member of a board of directors, officer of, or hold a management position with, an organization that has financial dealings of one thousand dollars or more in value with the city of Bethel? If so please provide the name and the type of business.

NO

3. Do you currently have a direct or indirect financial of business interest with the City of Bethel, to include contracting, leaseholder, employee? If so please provide the name and the type of business.

NO

4. Are you a resident of the City of Bethel? ✓ Yes __ No If so, for how long? 13 1/2 YEARS

5. Does your schedule permit you to regularly attend required meetings: ✓ Yes __ No

I understand that this is a voluntary, appointed position to be confirmed by the Bethel City Council. I further understand that this application is public information and the merits of my appointment may be discussed at a public forum. In addition, my name may be published in a newspaper or other media outlet.

I have read Chapter 2.05 of the Bethel Municipal Code regarding Responsibilities of city council members, municipal officers, appointed officials and employees-conflict of interest. I agree to comply with the code and understand that my tenure as a commission/committee member requires such compliance.

I certify that the information in this application is true and accurate.

Signature of Applicant: Carol A. Willis Date: 5-7-14

FOR OFFICE USE ONLY

Date Received:

Date of Council Approval: Action Memorandum Number:

Date Applicant Notified:

Term Expiration:

Registered voter of the City __Yes __ No

Return completed application to the Office of the City Clerk.

City of Bethel Action Memorandum

Action memorandum No.	14-40		
Date action introduced:	5-27-14	Introduced by:	Council Member Robb
Date action taken:		☐ Approved	☐ Denied
Confirmed by:			

Policy and Procedure Manual

SUBJECT/ACTION:

Direct administration to produce a City of Bethel Policy and Procedure manual within 45 days. The policy and procedure manual will address, but is not limited to: credit card usage, purchasing, relocation, rental assistance, employee housing, training and travel, employee education assistance, vehicle usage, requesting PTO/Vacation, reporting unplanned PTO/sick leave, cashing out unused leave, grievance procedure, time and attendance, harassment.

All policies and procedures will comply with Bethel Municipal Code, Fair Labor Standards Act, and generally accepted industry standards.

The manual will be presented to council for review, possible amendment, and approval.

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

Amount of fiscal impact		**Account information:**
	No fiscal impact	
This will take some staff time.	Funds are budgeted for.	
	Funds are not budgeted. Budget modification is required. Affected account number:	

We are in need of an updated, compiled, policy and procedure manual for the City of Bethel. Having a set of policies and procedures will give guidelines to city employees on conducting city business and help eliminate/minimize improper actions.

City of Bethel Action Memorandum

Action memorandum No.	14-41		
Date action introduced:	May 13, 2014	Introduced by:	Acting City Manager Williams
Date action taken:	May 13, 2014	☐ Approved	☐ Denied
Confirmed by:			

SUBJECT/ACTION: Hire a relative of the Acting City Manager for full time temporary park maintenance worker (18901) now through the end of parks season.

Route to:	Department/Individual:	Initials:	Remarks:
X	Acting City Manager		
X	Finance Director		
X	Parks and Recreation Director		

Attachment(s): None

Amount of fiscal impact		Account information:

I believe that this person is the best candidate for the position of temp park maintenance.

At this time Peter Williams is the Acting City Manager.

According to the BMC 3.64.050 **Employment of relatives,** "No person may be employed in a position in any department who is a relative of the city manager, the department head, or a member of the city council."

I will need council to approve this person to be hired in parks and rec. He will not be under the supervision of Mr. Williams.

I understand that the council is looking for an interim manager and that Mr. Williams will be acting manager until the time that council finds a manager.

I do not believe that Mr. Williams will be the acting manager during all of parks season and that it will not be an issue after the interim manager gets hired.

City of Bethel Park Property Maintenance and Management Plan

Draft May 2013

Adapted from the Bismark Parks & Recreation District Plan

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Introduction

The maintenance and management plan of Bethel Parks and Recreation Department, to be used during the parks season of May 15- October 15 each year.

Each park property or facility is classified and assigned a standard of maintenance. Frequency of applied maintenance is described in the maintenance standards.

The full-time staff person within the Parks Division will receive a copy of the plan and review it in the presence of the Director. The F.T.E. will then be responsible to adhere to the plan as it applies to their assignment and to share the plan with any and all seasonal employees under their supervision.

The plan is subject to revision based upon recommendations from staff and will be reviewed annually and revised as needed.

Frequency and/or intensity of maintenance are oftentimes affected by external factors such as weather, scheduled events, availability of equipment/labor, etc.

Many of the scheduled maintenance activities are designed to be somewhat flexible in nature to allow for re-prioritization of resources when necessary. For example, although playground inspections are completed on a weekly basis, they may not be done on the same day each week, or may occasionally be separated by more than 7 days.

The Park Maintenance Classification system, Maintenance Standards for Parks and Facilities within the Bethel Parks and Recreation Department, and the classification of the Parks and Facilities within the Department comprise the plan.

Maintenance Standards for Parks and Facilities within the Operations Division

Fields: Classes A Parks

Turf

- Turf is inspected daily, has a healthy dense stand of cool season grass and coverage is no less than 95% of playable area.
- Play area is inspected daily, has a uniform surface appropriate for the sport and is well drained.
- Turf is mowed as needed depending upon growth at the appropriate height for the type of grass used, the time of the season, and the type of field use.
- Turf area is free of any litter or debris.

Skinned Infields

- Infields are inspected daily, have a uniform surface and are free of lips, holes and trip hazards.
- Infields are well drained with no standing water areas.
- Infields have proper soil/topdressing consistency for intended usage.
- Infields are free of unwanted vegetation.
- Infields are free of rocks, dirt clods, and debris or other foreign objects.

Soccer Goals

- Goals are inspected daily and are properly installed and anchored.
- Goal frames show no excessive bending.
- Nets are inspected daily, are in good condition, securely tied, and free of holes, tears, and fraying.

Bleachers/Benches/Dugouts

- Bleachers and players benches/dugouts are inspected daily,
- Hardware is intact and properly tightened.
- Bracing is tightly connected.
- Seating surface is clean, smooth, free of protrusions, and have no exposed sharp edges or pointed corners.
- Bleacher areas and dugouts have clean trash receptacles present that are in good condition.

Fencing

- Fencing is inspected pre-season and once weekly during the season.
- Fencing material is the appropriate height and gauge of fabric for specified use.
- Fencing material is properly secured to support posts and rails.

- Support posts and rails are properly connected and straight.
- Fencing is free of holes and protrusions.
- Fabric is straight and free of bending or sagging.
- Gates and latches are operational and securely closed when needed.
- Windscreens are tightly secured to the fencing and are free of tears and holes.

PLAYGROUNDS – All Classes A, B, C, and D Parks

Play Equipment

- Playgrounds are inspected using "short form" a minimum of once per week.
- Playgrounds are inspected using Periodic Maintenance Checklist form a minimum of once every four weeks.
- A playground is audited once following installation of new equipment or following a significant addition of play equipment.
- Play equipment and surrounding play areas are audited and regularly inspected according to ASTM standards and CPSC guidelines.
- Repairs, replacements, modifications and/or enhancements are based upon the ASTM Standards, the CPSC Guidelines, or other applicable standards and guidelines.
- Inspection frequency may increase with intensity of use.

SHELTERS/MEETING HALLS – All Classes A, B, C, and D Parks

Shelter/Meeting Hall Structure

- Shelters/Meeting Halls are inspected daily, soon after, or prior to scheduled events, rentals, or other uses.
- Shelters/Meeting Halls comply with the Americans with Disabilities Act requirements.
- Shelters/Meeting Halls are clean, sanitary, and free of graffiti.
- Shelters/Meeting Halls receive regular housekeeping especially before and prior to rentals by individuals or groups.

COURTS – All Classes A, B, C, and D Parks

Surfacing

- Court surfacing is inspected pre-season and once weekly during the season.
- Surface is smooth, level, and well drained with no standing water.
- Surface is free of large cracks, holes, and trip hazards.
- Surface is free of litter, debris, gravel, and graffiti.
- Receive regularly scheduled maintenance to include inspection, crack sealing, repair to uneven surfacing, etc.

Goals and Backboards

- Backboards and goals are inspected pre-season and once weekly during the season.
- Goals and backboards are level with hardware intact.
- Nets are properly hung and are not torn or tattered.
- Support poles are secure in the ground and straight.

PARKS: GENERAL STANDARDS – All Classes A, B, C, and D Parks

Toilets

- Toilets are inspected daily, or prior to scheduled events, or other uses.
- Toilets are clean, sanitary, and properly stocked with paper products and hand soap.
- Lights and ventilation systems are operational.
- Toilets, urinals, water faucets, stall doors, and paper towel dispensors are operational.
- Toilet buildings are free of graffiti.
- Doors are properly marked.
- Toilet buildings have an adequate quantity of clean trash receptacles.
- Toilet facilities are in compliance with the requirements of the Americans with Disabilities Act or are included in the transition plan.

Trash Receptacles

- Trash receptacles are inspected daily, or prior to scheduled events, or other uses.
- Receptacles are regularly emptied and cleaned.
- Receptacles are intact and free of cracks or damage.
- Area around trash receptacles is clean and free of trash and debris.

Grounds

- Grounds inspected daily, or prior to scheduled events, or other uses.
- Grounds are mowed and trimmed on a regular basis.
- Park is free of litter, debris, and hazards.
- Parking lots are free of litter, debris, and hazards.
-

Signage

- Signage is inspected daily, or prior to scheduled events, or other uses.
- Park identification signs are secure and properly installed in a noticeable location.
- Accessible (Handicapped) parking signs are secure, visible, and to code.
- Restroom signs are secure and visible.
- All signs are clean, legible, upright and level.

Ornamental Plants

- Ornamental plants are inspected daily, or prior to scheduled events, or other uses.
- Plants are healthy, noticeable and are properly cared for.
- Plant beds are free of litter, debris, and weeds.
- Plant selection is appropriate for climate and area usage.

Walkways/Trails

- Walkways and trails are inspected daily, or prior to scheduled events, or other uses.
- Walkways/trails have a uniform surface and are free of trip hazards.
- Walkways/trails are free of litter and debris

- Walkways/trails meet the Americans with Disabilities Act requirements or are signed to alert users that a segment is not in ADA compliance.
- Walkways/trails have unobstructed accessibility, i.e. free from low and protruding limbs, guide wires, etc.
- Walkways are clear of weeds and grass growth in cracks and expansion joints.
- Walkways/trails receive regularly scheduled maintenance to include inspection, crack sealing, repair to uneven surfacing, etc.

Irrigation Systems

- Irrigation systems are inspected at the beginning of the season and once weekly during the season.
- Irrigation system is fully operational with complete uniform coverage.
- System is free of leaks.
- Heads are properly installed according to intended use.
- Heads are properly adjusted with rotations and arcs set to reduce water run off.
- Systems are set to run at specific times to minimize water evaporation and waste.

Fencing

- Fencing material is properly secured to support posts and rails.
- Support posts and rails are properly connected and straight.
- Fencing is free of holes and protrusions.

Tables –

- Tables are inspected daily, or prior to scheduled events, rentals, or other uses.
- Tables and frames are clean, free of rust, mildew, and graffiti.
- Table hardware is intact and properly tightened.
- Table seats and tops are smooth with no protrusions and have no exposed sharp edges, pointed corners, or other hazardous features.

Grills –

- Grills are inspected daily, or prior to scheduled events, rentals, or other uses.
- Grills are operational and free of metal deterioration.
- Grills are clean and free of grease build-up.
- Grill racks are operational and secured to main body.
- Grills are properly anchored to reduce hazards and theft.

Classification of the Parks and Facilities

All Parks & Recreation maintained property is classified into one of four major classifications, A, B, C, and D. There are many cases where a park site has all four categories of maintenance performed; however, it is recognized by that classification which is predominant.

Class A Parks

Class A Parks are park properties representing the highest quality and intensity of maintenance. Below are listed the characteristics which distinguish the Class A quality maintenance.

1 Athletic fields used for competitive play. Class A Parks receive regular inspections and intensive daily or more frequently maintenance.

2 Intensively maintained turf grass requires frequent and high intensity maintenance in order to supply the quality that is desired both aesthetically and for a high quality playing surface.

3 Complete irrigation system that receives frequent inspection and maintenance.

4 Receives regular and intensive litter control, toilet cleaning and trash removal.

5 Receives regular tree maintenance.

PARK DESCIPTION

Pinky's Park (30 Acres) Class A
Includes: one ball diamond, parking, restrooms, concessions, toddler playground, climbing net, walking/recreation trails, Park Maintenance storage vans & sheds, softball shed, Log Cabin (meeting hall), benches, skate park, basketball court, life trail exercise boards, tables.

Class B Parks

Class B Parks rank very close in quality to Class A parks with the main difference being there is no or infrequent competitive play in these parks.

1 Park is normally well landscaped with annual plantings, trees and shrubs requiring a considerable amount of manual labor for proper maintenance.

2 Well developed turf grass that is frequently mowed and trimmed and receives fertilizer

and broadleaf herbicide applications.

3 Irrigation system that covers most of or the entire Class B area.

4 Extensive development for park facilities- recreational vehicle camping pads with individual electrical service, flush toilets, showers, concessions, tennis courts, picnic shelters, playgrounds, paved and striped parking areas, paved trails.

5 Receives regular and intensive litter control.

6 Receives regular tree maintenance.

PARK DESCIPTION

Log Cabin

Dillon Park Class B
Includes: trees, flower garden, tables,

Class C Parks

Class C Parks receive a considerably different maintenance program than do Class A ar B. They receive a high amount of use, but do not have the well developed turf, due to those parks not being equipped with an irrigation system. Below are listed the characteristics which distinguish the Class C Park.

1 No irrigation system.

2 No or minimal horticulture program.

3 Receives minimum landscaping.

4 Receives regular scheduled litter control and trash removal.

5 Has limited development of park facilities-vault toilets, picnic shelters, boat launches.

PARK DESCIPTION

Tundra Ridge Volunteer Park Class C

Includes: Playground, picnic area, basketball court, parking

Wally's Park Class C

Includes: Picnic tables, playground

4-H Youth Center Park Class C

Includes: playground, garden

Senior Center Park Class C

Includes: playground

Class D Parks

Class D Parks receive the least amount of maintenance and are frequently utilized as nature areas or are yet to be developed. Parks that fall within this category receive limited mowing at strategic areas. Below are listed the maintenance procedures performed on Class D park areas.

1 Regular litter control and trash removal.

2 Limited mowing—only in strategic locations, such as, along trails or roadways, or perhaps parking areas.

3 Normally designated as nature areas or greenbelt property.

4 Encourage native grasses, wildflowers and native trees to develop naturally.

5 Newly acquired undeveloped property.

PARK DESCIPTION

Bluff Park (across from lion's club) –
Includes: Picnic area, grass, river access.

Complete List Parks and Facilities within the Operations Division (Alphabetical)

PARK DESCIPTION

4-H Youth Center Park Class C
Includes: playground, garden

Bluff Park (across from Lion's Club)
Includes: Picnic area, grass, river access

Dillon Park Class B
Includes: trees, flower garden, tables

Pinky's Park (30 Acres) Class A
Includes: one ball diamond, parking, restrooms, concessions, toddler playground, climbing net, walking/recreation trails, Park Maintenance storage vans & sheds, softball shed, Log Cabin (meeting hall), benches, skate park, basketball court, life trail exercise boards, tables, community garden

Senior Center Park Class C
Includes: Playground, picnic area

Tundra Ridge Volunteer Park Class C
Includes: Playground, picnic area, basketball court, parking

Wally's Park Class C
Includes: Picnic tables, playground

<u>Undeveloped Park Properties:</u>

Boat harbor Park
Includes: Picnic area, grass, river access

Dog Park

Kasayulie Park

ONC Church trail

Identified Neighborhood open park/green spaces

Mayor's Report

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Anchorage Field Office
4700 BLM Road
Anchorage, Alaska 99507
http://www.blm.gov/ak

May 01, 2014

In Reply Refer To:
1610 (AKA010)

Dear Interested Party:

The Bureau of Land Management (BLM), as part of its Bering Sea-Western Interior Resource Management Plan (RMP), is seeking nominations for Areas of Critical Environmental Concern (ACEC). The BLM will accept nominations until August 29, 2014.

ACEC designations highlight areas of BLM-managed public land where special management attention is needed to protect important historical, cultural, and scenic values; fish or wildlife resources, or other natural systems or processes; or human life and safety from natural hazards.

Five designated ACECs currently exist within the Bering Sea-Western Interior planning area: Anvik River, North River, Unalakleet River, Peregrine Falcon Nesting Habitat, and Kuskokwim River Raptor Nesting Habitat. The BLM will review the existing ACECs to determine whether they should be maintained, modified, or dropped. The BLM will also consider new ACECs.

The BLM appreciates the active role that tribes, organizations, and individual members of the public play during land use planning. I invite you to consider whether you have information about existing ACECs that could help the BLM in our analysis. I also invite you to consider whether you wish to nominate new areas for ACEC designation. I have enclosed a scoping fact sheet about the process of designating ACECs as part of the planning effort.

If you wish to nominate ACECs in the Bering Sea-Western Interior planning area, we ask that you provide as much information as possible with your nomination. The following will help our interdisciplinary team evaluate nominations:

- Name and location of nominated area (legal land description, if possible)
- Map of nominated ACEC area with well-defined boundaries
- Reason or basis for nomination
- Reference material or online sources where BLM can obtain additional information or data about the area

The ACEC nomination form and additional information about how to prepare a nomination are enclosed. These documents are also available online at www.blm.gov/ak/planning/bswi. Submit nominations to BSWI_RMP_Comment@blm.gov or BLM Anchorage Field Office, 4700 BLM Road, Anchorage, AK 99507.

The Bering Sea-Western Interior RMP will guide management of BLM-administered public land for the next 15-20 years. For additional information, contact Project Manager Jorjena Daly at jdaly@blm.gov or (907) 267-1317.

Sincerely,

Alan Bittner
Field Manager

Enclosure

Areas of Critical Environmental Concern (ACEC) Nomination

Name:_____
Address:_____
Email:_____

Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be made publicly available at any time. While you can ask us in your to withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.

Describe the Area to be Nominated
General location description: Acreage:
Values considered:
To be considered as a potential ACEC and analyzed in RMP alternatives, an area must meet at least one relevance criteria **and** at least one importance criteria as established in BLM Guidance 43 CFR 1610.7-2.

1) RELEVANCE CRITERIA		
Relevance Criteria: *There shall be present a "significant" historic, cultural, or scenic value; a fish or wildlife resource or other natural system or process; or natural hazard. This generally means that the value, resource, system, process, or hazard is characterized by one or more of the following:*		
Relevance Value	**Yes/No**	**Describe Rationale**
1)a. A significant historic, cultural, or scenic value (including but not limited to rare or sensitive archeological resources and religious or cultural resources important to Native Americans).		
1) b. A fish and wildlife resource (including but not limited to habitat for endangered, sensitive, or threatened species; or habitat essential for maintaining species diversity).		
1) c. A natural process or system (including but not limited to endangered, sensitive, or threatened plant species; rare, endemic, or relict plants or plant communities which are terrestrial, aquatic, or riparian; or rare geological features).		

1) d. Natural hazards (including but not limited to areas of avalanche, dangerous flooding, landslides, unstable soils, seismic activity, or dangerous cliffs). A hazard caused by human action may meet the relevance criteria if it is determined through the resource management planning process that it has become part of a natural process.		

2) IMPORTANCE CRITERIA		
Importance Criteria: *The value, resource, system, process, or hazard described above must have substantial significance and values to satisfy the "importance" criteria. This generally requires qualities of more than local significance and special worth, consequence, meaning, distinctiveness or cause for concern. A natural hazard can be important if it is a significant threat to human life or property.*		
Importance Value	**Yes/No**	**Rationale for Determination**
2) a. Has more than locally significant qualities, which give it special worth, consequence, meaning, distinctiveness, or cause for concern, especially compared to any similar resource.		
2) b. Has qualities or circumstances that make it fragile, sensitive, rare, irreplaceable, exemplary, unique, endangered, threatened, or vulnerable to adverse change.		
2) c. Has been recognized as warranting protection to satisfy national priority concerns or to carry out the mandates of FLPMA.		
2) d. Has qualities that warrant highlighting to satisfy public or management concerns about safety and public welfare.		
2) e. Poses a significant threat to human life and safety or to property.		

Please attach a map depicting the BLM lands being recommended. Please attach additional pages as necessary. Alternatively, please download form online and complete electronically (www.blm.gov/ak/planning/bswi).

Evaluation of Relevance and Importance Criteria for Areas of Critical Environmental Concern

BLM Guidance: Manual 1613: Areas of Critical Environmental Concern

1613.02: Objectives: ACEC designations highlight areas where special management attention is needed to protect and prevent irreparable damage to important historic, cultural, and scenic values, fish, or wildlife resources, or other natural systems or processes; or to protect human life and safety from natural hazards. The ACEC designation indicates to the public that the BLM recognizes that an area has significant values and has established special management measures to protect those values. In addition designation also serves as a reminder that significant value(s) or resource(s) exist which must be accommodated when future management actions and land use proposals are considered near or within an ACEC. Designation may also support a funding priority.

Evaluating ACECs is a two-part process that involves determining whether or not proposed areas meet relevance and importance criteria to be considered as an ACEC in at least one of the RMP alternatives. To be considered as a potential ACEC and analyzed in RMP alternatives, an area must meet at least one criterionfor both relevance and importance.

1) **Relevance**. An area must meet one or more of the following criterion:

    a. A significant historic, cultural, or scenic value (including but not limited to rare or sensitive archeological resources and religious or cultural resources important to Native Americans).

    b. A fish and wildlife resource (including but not limited to habitat for endangered, sensitive, or threatened species, or habitat essential for maintain species diversity).

    c. A natural process or system (including but not limited to endangered, sensitive, or threatened plan species; rare, endemic, or relic plants or plant communities which are terrestrial, aquatic, or riparian; or rare geological features).

    d. Natural hazards (including but not limited to acres of avalanche, dangerous flooding, landslides, unstable soils, seismic activity, or dangerous cliffs). A hazard caused by human action may meet the relevance criteria if it is determined through the RMP process that it has become part of a natural process.

2) **Importance**. The value, resource, system, process, or hazard described above must have substantial significance and values in order to satisfy the "importance" criteria. This generally means that the value, resource, system, process, or hazard is characterized by one or more of the following:

    a. Has more than locally significant qualities which give it special worth, consequence, meaning, distinctiveness, or cause for concern, especially compared to any similar resource.

    b. Has qualities or circumstances that make it fragile, sensitive, rare, irreplaceable, exemplary, unique, endangered, threatened, or vulnerable to adverse change.

    c. Has been recognized as warranting protection in order to satisfy national priority concerns to carry out the mandates of FLPMA.

d. Has qualities which warrant highlighting in order to satisfy public or management concerns about safety and public welfare.

e. Poses a significant threat to human life and safety or to property.

All ACECs meeting at least one relevance criteria **and** at least one importance criteria **must be considered** as potential ACECs under at least one alternative in the RMP. Some things to keep in mind:

- If it is determined that only a portion of a proposed ACEC meets at least one relevance criteria *and* at least one importance criteria, then only that portion needs to be considered.
- The BLM can modify the boundary of the ACEC throughout the Alternatives.
- Don't give modified boundaries different names (e.g., don't call an ACEC Kate Wynant ACEC under Alternative X and Kate Wynant ACEC Expansion under Alternative Y). There's no need and only causes confusion.
- ACECs under a particular alternative should not overlap.
- ACECs can overlap other special management areas such as wilderness, wilderness study areas, wild and scenic rivers, special recreation management areas, etc. However management should be thought of *independently* of these areas. Think of it this way… If the wilderness study area (or other area) were not there, how would we manage the ACEC?

Special Management Attention

To be designated as an ACEC, an area must require special management attention to protect the important and relevant values (43 CFR 1601.0-5(a)). "Special management attention" refers to management prescriptions developed during preparation of an RMP expressly to protect the important and relevant values of an area from the potential effects of actions permitted by the RMP. These are management actions that would not be necessary if the relevant and important values were not present.

Document, Document, Document

- If a proposed area does NOT meet either the relevance or the importance, the BLM must document why.
- During alternatives development, if an area meeting relevance and importance is not included in at least one alternative in the Draft RMP, the BLM must provide rationale.

Research Natural Areas

The BLM Land Use Planning Handbook H-1601-1 states that Research Natural Areas (RNAs) are considered a type of ACEC. The BLM will use the same criteria described above to evaluate existing or proposed new RNAs.

Manager's Report

PORT OF BETHEL

Post Office Box 1388
Bethel, Alaska 99559
Voice: 907-543-2310
Fax: 907-543-2311

TO: Bethel City Council

FROM: Peter A. Williams, Port Director

SUBJECT: City Managers Report

Listed below are some of the action items and activities that I've been working on and involved in, for the period of May 15-30, 2014

CITY ADMINISTRATION ACTION ITEMS AND ACTIVITIES

PROJECTS:

- **YK Aquatic Center –** Regular weekly teleconference meeting between the Project Management Team and the City Administration are held each Friday at 0900. The following items are germane:
  1) The roof is being installed.
  2) The RFP's for the purchase of the gym equipment, furniture, scoreboard and pool cover is being prepared. The funds from the Rasmuson Foundation for these items will not arrive till June 26th.
  3) The Diabetes Prevention & Control Program will issue a check for $196,969 in June 2014. A Req.for Proposals for the equipment is being worked on.
  4) All RFP's and contracts will be forwarded to the City Attorney and council for review.
  5) Construction of the utility road for the wind turbine has begun.
  6) A alternate route for the power for the 2nd line was resolved.
  7) A City Rep. along with someone from Pro-Dev will travel to meet the company who will manage the poo

- **H-Marker Lake Rd. –** To date we have not received any responses from the property owners that have land needed for this road.

- **Ridgecrest Rd.-** DOT,LKSD and the P.W. and myself meet to discuss the conflicts with traffic and pedestrians along the road. The DOT worked on a traffic study and will report back to us with some options.
  Before any decision is made we will forward the info to council for review and comments.

- **Miscellaneous**
  1) **CBA Negotiations –** The City Administration and APA/AFT will meet again May 28th and 29th.
  2) **Sewer Lagoon –**
  3) **Personnel**
     - **Public Works:** There is one candidate for the position from New York. There also was former Water Utility employee from out of state that I believe would be a good candidate that

has said would apply for the third time. Employees who worked with this person in the past has expressed that he would be a good fit for the department.

- **Police Department:** We are waiting for a good time to invite one candidate too Bethel for a personal interview.
- **Admin/H.R.-** We have received 6-7 applications for the Admin position. The City Clerk has created a job description for the H.R position. We will hire when we decide what this position will be budgeted for.
- **Tower Rd-** Invoices were sent for post due and current charges that the F/W owes for rent,.
- **UA Testing**-Six people are qualified to perform UA's when after hours.
- **RFP's-** have been issued for Pre-Employment –background screening, City Landfill Scrap, and Appraisal Services .To be done is a RFP fro surveying services ,Reverse 911 Software,Material for Parks and Recs.,,Psycholgical Services for the Police Dept. and calcium &salt for Streets and Roads.

Respectfully,

Peter A. Williams
Acting City Manager

Management Team Reports

PORT OF BETHEL

Post Office Box 1388
Bethel, Alaska 99559
Voice: 907-543-2310
Fax: 907-543-2311

TO: Lori Strickler

FROM: Peter A. Williams, Port Director/Acting City Manager

SUBJECT: April Managers Report-2014

Small Boat Harbor

SBH Project, Phase II :

-DOWL has submitted a increase of $8,715 for finishing the stamped design for this project. This work was originally was to be completed by the USACE and we were going to pay the USACE for the same work. This was needed for the the contractor to go to work.

-DOWL has put the contract for construction out to bid.

-There will be some challenges in the SBH in regards to parking. The staging of equipment and materials has been discussed by the DOWL and the Port to minimize any inconvenience that this project may cause those using the SBH.

-The Port Office has the construction schedule at the port office if anyone would like to look at it.

-Clean-up has started in the areas where construction materials were staged this winter.

-The new SBH user permits will arrive the first week of May and we will start advertising those along for the float spaces has soon as they arrive.

- The floats will be moved around using our two unused piers as needed for construction.

-May 12th we will start repairing the area at the top of the boat ramps to make them usable along with removing the rest of the debris from the construction sites.

- We have received the new SBH permits and those along with float spaces will go on sale starting May 5th.

East Addition

- The funds for the TIGER grant were released by Congress. Applications are due by June 3rd.

-208 East Ave. – The Strauss's have agreed to sign off on our proposal to remove the building at 208 E. Ave in exchange for the ROW on East Ave.

-Jung/Active lots- MLA will be traveling to Bethel when the ground unthaws to set monuments. This work does not include the Lot that the Yukon lodge sits on.

Brown Slough

- The Port/Public Works Dept. have completed dredging Brown Slough for the season. If we continue next year we will have to update some of our permitting.

City Dock

- East Timber Wall Design – The drilling to produce the core samples for the Geo-Tech survey was completed and and the USACE is waiting for the results too start the design for the timber wall.

- Connex at the gate will be moved to the Port Office for use by DOWL's PM.

-Northland, Crowley and Faulkner Walsh are working and we expect the rest of the boat crews shortly.

- Nothland is scheduled to arrive 5/2714.

Seawall

- All the bids for the repairs to to the seawall were rejected as being to high. I think that a design for construction is going to have to be completed before a repair can be done.

Port Office

- We still need to pursue a course of action. Request for quotes seems to be the best way to move forward at the moment.
-

Operations

-The Port has been able to resolve about 85% of these accounts and we are continuing to pursue the accounts that need attention.

-We have one person who is in training at Yuut Elitnaurviat in April that includes some OSHA training in regards to heavy equipment.

Equipment list has been updated for insurance purposes.

- Two new loader tires were purchased and will be shipped from Seattle.
- We are paying shipping cost for a plastic a 4yd dumpster . The dumpster was free for seeing how will it will hold up in cold weather. The vendor is trying to have a environmental test performed on this product to see how well the dumpster will do at minus 60F. There is a small saving in cost per dumpster we are hoping they will last longer than the steel dumpster and resolve the problem of the bottoms rusting out.
- We are attending the meetings that AVCP us conducting to coordinate local resources during break-up.
- DNR has a produced a 65 page color photo document in regards to abandon vessels in the surrounding area. They asking for help in identifying/information concerning these boats and barges. The report is at the Port office iy anyone wishes to review it.
- Cameras- Sft ware is being work on so we can manipulate the from the Port Office.Still have problems accesing the recorded info. IT Dept. Is working on the problem.

- **Personnel**- We will start hiring May 5th. Most of them will start May 19th . We will start around the clock June 1st. The SBH attendants are budgeted for 6 weeks for FY-13.

Peter Williams
Port Director

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Peter A. Williams
Port Director

April 2014

Parks & Recreation 4-H Department

Management Report

Director:

- Staffing: Issues/Concerns/Training
  - I posted the Summer Seasonal Positions with HR. Program Aide to work with the kids in the summer program and Park Maintenance worker.
- City Budget/Financial
- Extension 4-H Budget/Financial
  - I submitted my travel professional development requests to CES.
- Non-Credit activities instructing (3.2)
  - We held the Park Scavenger Hunt on April 19, 2014 as another Tobacco Free Event with Nicotine Control and Healthy Transformations. We had information about tobacco free parks and playground safety at each park. It went well but when we do it again we will have fewer parks to go to.
  - We held the last Bethel's Got Teen Talent on April 23, 2014
- Instructional activities arranging (3.3)
- Committee/Conference/Meeting participation (4.7)
- Presentation to groups, agencies, organizations (5.1.1)
  - 4/24/14 I spoke at the Chamber of Commerce luncheon about upcoming projects especially the Clean Up Green Up Campaign.
  - We held the end of the year Awards and family dinner for the K-6 grades families on April 25th. The house was packed. Lots of new families and everyone enjoyed dinner.
- Face to face consultations/contacts (5.1.2)
- Phone/email Consultations (5.1.2a)
- Popular media newspaper/magazine articles (5.1.3)
- Publications- DVDs, web modules and website (5.1.4)
- Publications-Journal articles not from original research (5.1.5)
- TV/radio (5.1.6)
- Outreach activities led by community volunteers (5.1.7)
  - The State 4-H VLO meeting was cancelled this month so there was no call.
  - The Bethel District leaders and I participated in Honoring Our Children Day on Saturday, April 26, 2014. We had a craft activity, program information for youth and adults and questions to the youth posted. We got some contact information for potential volunteers and ideas for teen events for the summer. This was a direct response from our Tanana 4-Hers presentation at AFN. Please see the attached information.
- Grants
  - Applied for the ALPAR Youth Litter Patrol Grant.
  - Applied for the Donlin Gold community clean up award.
- Thank You/Kudos
  - Matt Reed for Awards Dinner. It was wonderful.
  - Bing Santamour for being an inspiration to so many.

April 2014

Parks & Recreation 4-H Department

Management Report

- Next Month Plan/Goal
  - Program update for the Summer Food Service Program
  - Tobacco Free Parks recommendation to the Public Safety Commission

CALL TO ACTION

Honoring Our Children

April 26th - A Statewide Day of Celebration

The AFN Council for the Advancement of Alaska Natives (CAAN) and its members issue this statewide invitation for collaborative, community action to celebrate and share our collective love, respect, and belief in the importance of our children.

On April 26th, across the state, communities will rise as one to Honor Our Children.

This is the right time and we are the right people to get up and stand up for our kids. This is an Alaska Native led event open to everyone; it is a grassroots initiative where all in our communities are welcome to participate so long as children are at the center. The goal of this statewide effort is to bring us together so that we grow strong, culturally connected, empowered and loved children who are ready to lead us into the future.

PURPOSE

- Celebrate and love our kids as a community; let them know that we are here for them and working to make things better on their behalf.
- Foster stronger, healthier relationships by introducing our children to our community through families and kinship systems, so we know our relatives and community better; this will nurture our collective identity, strengthen our ancestral relationships, and empower more connected communities.
- Share knowledge and expectations with our children about their role and importance in our communities, that we are standing beside them, that we want them to do their best, and that we are working together as a community to help ensure their success – in the words of our Elders, "we talk to you like this because we love you."
- Do something together that is strength based and not about 'problems', celebrating the bright light of our children in our communities. We can do this without creating a program, needing authorization or permission, or needing to establish complicated systems or bureaucracies to support this effort.
- Come together to spend time, outside of school, work, and activities, to be social, engage with one another and promote our cultural connectivity.

OUTCOMES

- Kids and families know themselves and each other better; we see how connected we are
- Kids feel loved and cared for by the community; no matter what, they are precious to us
- Adults feel more connected and protective over all the kids in their community; let's be better, stronger, and healthier for them – collectively, culturally, as families and as individuals
- Everyone – adults, children, relatives- understand their vital role within our communities
- Information and opportunities for kids and families are shared and made available
- Everyone gets something, giveaways, food, gifts etc
- Pathways for critical conversations in our communities are opened up
- Healthier, more connected communities
- Cultural knowledge exchange, language learning opportunities, and intergenerational relationship building

PROCESS

- Create a coordinated, statewide day of ceremony and celebration for our children.
- Keep it simple. It should be organized in such a way as to not make it cumbersome, complex or costly for communities to participate.

- Invite communities to participate and organize their own event that supports the purposes and achieves the outcomes noted above. Find creative ways to incorporate this unifying effort into already scheduled events.
- Events will be free and communities will seek donations for facility use, food, goodies to give away, and, where needed, find funding or sponsorship support (although the intent is for this to be low-to-no cost).
- Funders & those interested in helping financially support the effort are invited and encouraged to voluntarily step forward to help with their communities efforts – the Statewide Coordinator can put you in contact with them
- This coordinated day is not a fundraiser for any organization, not affiliated with any political campaign and is non-partisan.

ORGANIZING FRAMEWORK

- **When**: April 26th
- **Where**: Statewide
- **Who**: This statewide effort is led by Alaska Natives and is inclusive all those who are part of our community - regardless of race, cultural background, or heritage.
    - We want parents, kids, siblings, grandparents, aunties, uncles, cousins, Elders, leaders, clan members, neighbors, employers, activity leaders, and anyone else who cares about kids to participate.
    - Each community signs up to participate and then organizes and hosts a day of free events focused on honoring our children.
- **Structure**: The community will determine the agenda and activities to achieve the purpose and outcomes noted above. There are two main components for the community to organize:
    - 1) **Ceremony** (short program with limited speakers sharing messages of love, expectations, roles, and culture/language with the kids, then family introductions and/or open mic- however the community determines is most effective way to do this) and
    - 2) **Celebration** (fun and free), with an emphasis on fun cultural activities, like singing and dancing, and 'carnival' type activities like 'tribal design facepainting', NYO games, arts and crafts, and the like.
    - This is a grassroots effort and participants are asked to keep this event meaningful and not overly complicated. The intent of the Honoring Our Children Day is to do something we already have the ability to do, power, and love to do; and helps us work across the state to affirm for our children their important roles in our communities.
- **How**: To participate, a community member interested in helping organize the event in their community registers by clicking this link: Honoring Our Children Online Registration. Those without access to internet may also register by contacting the Statewide Coordinator.
    - If more than one person or organization signs up in a community, they will be connected by the Statewide Coordinator. Participating communities agree to organize and host the event in the spirit in which it has been created- for the love of our children.
- **Statewide Coordinator**: First Alaskans Institute, 606 E Street, Ste 200, Anchorage, AK 99501, info@firstalaskans.org. Contact: Sarah Simeonoff (Sugpiaq), FAI Development Assistant, 907-677-1709, **sarahsimeonoff@firstalaskans.org**.
    - The statewide effort will focus on coordinating locations, developing the connectivity plan (communications, social media, broadcast, etc), help connect communities, partners and sponsors, and create/share materials
    - The Statewide Coordinator will host organizing meetings with the AFN CAAN Honoring Our Children Work Group and participating communities

INFORMATIONAL MEETINGS:

Statewide meetings will be held on the following days to share this idea, energy, and excitement

- Monday, March 3rd @ 10:00 am
- Wednesday, March 5th @ 11:00 am
- Friday, March 7th @ 12:00 pm
- Monday, March 10th @ 12:00pm

- Meetings will be held via teleconference at **1-866-516-3949, Access Code: 1523749#** or **in-person at First Alaskans Institute, 606 E Street, Ste 200, Anchorage** (Corner of 6th & E, entrance is on E Street). If you can't make a meeting, call the Statewide Coordinator to get looped in.

March 2014
Parks & Recreation 4-H Department
Management Report

Department Goal: Plan & prep for the rest of school year
# of Operating Days: 21

Participation Use #s

Division	Number
4-H Afterschool Participation	759
Teen Time Participation	116
After School Snack	591
Teen Dinners	65

Director:

- Staffing: Issues/Concerns
- City of Bethel Budget/Financial
  - Coordinating how many people I can send to Fairbanks and the send Ricky to the Certified Playground Safety Inspector exam.
- Cooperative Extension 4-H Budget/Financial
  - I am learning the UAF process for doing travel forms correctly. I did travel for myself and Ricky for Fairbanks and for Matt for Western Region Leaders Forum Montana.
- Non-Credit activities instructing (3.2)
  - I gave a workshop "Building a 4-H Leader's Toolbox" about the tools that Leaders have naturally and how to use the tool of 4-H curriculum. I had about 10 participants from around the state. I did not do an evaluation of the workshop but the verbal feedback was positive.
- Instructional activities arranging (3.3)
  - I am coordinating with Ayo with Nicotine control to see how we can help with the Kick Butts Campaign this month.
- Committee/Conference/Meeting participation (4.7)
  - NO Parks & Recreation Committee meeting this month
  - Attended the Alaska 4-H Leaders forum with all of the staff, one volunteer and one teen.
  - I participated in a volunteerism eConference on 3/20/14 the class was "Developing and communicating clearly defined roles for volunteers" presented by National 4-H for 4-H professionals.
  - I participated in the second part of a volunteerism eConference on 3/27/14 the classes were "Special Interest Clubs", "Teens As Teachers", "Putting It All Together, a

report on the VEAR (Volunteer Engagement & Activation Resources) Pilot projects" presented by National 4-H for 4-H professionals. I plan on watching for the recorded class of "Recruiting Strategies for Diverse Volunteers" that was cancelled, to come out so I can take it as well.

- Presentation to groups, agencies, organizations (5.1.1)
  - I Presented along with the staff "A successful partnership-the history of the Bethel Parks & Recreation 4-H Partnership"
- Face to face consultations/contacts (5.1.2)
  - I had staff participate as a vendor at CAMAI festival Friday 21st only. We sold Bethel First 100 Years Book and the Bethel 50th Anniversary Coins.
  - I met with Trevor Stoors Executive Director of ACT (Alaska Children's Trust), Lisa Wimmer ACT board member, Cynthia Erikson Tanana 4-H, Paul O'Brien Drew's Foundation.
- Phone/email Consultations (5.1.2a)
- Popular media newspaper/magazine articles (5.1.3)
- Publications- DVDs, web modules and website (5.1.4)
- Publications-Journal articles not from original research (5.1.5)
- TV/radio (5.1.6)
- Outreach activities led by community volunteers (5.1.7)
- Grants
- Planning
  - Ricky and I did a park check drive and looked at parks that would be good to consider for the dog park.
- Thank You/Kudos
- Next Month Plan/Goal-April
  - Smoke free parks event, Saturday 19
  - Bethel's Got Teen Talent, Wednesday 23
  - Afterschool Club awards and family dinner, Friday 25
  - Prepare for summer program

Program Aide:

- Arts & Crafts Plan.
  - Help planned in making toilet paper roll owls.
- Arts & Crafts Completed Projects
  - We finished the toilet paper owls. Made Book marks. Made Piñatas. Hand prints on the wall. The 4-H day where they learn the history of 4-H. Made snowflakes. Popsicle stick catapult. St. Patrick's Day brain games.
- Kids Who Participated (#)
  - All Students

March 2014

Parks & Recreation 4-H Department

Management Report

- Teen Time Plan
  - Ice Breakers. Game Console Day. Dodge ball. Community Service Project.
- Kids Who Participated (#)
  - All Students
- Thank You/Kudos
  - Tesslyn Roe
  - Tanana Girls
- Project Financial Summary (Use If Applicable To Your Project)
  - Total Income From Project $
  - Cost Of Materials/Supplies $ 43.38
- Next Month Plan/Goal
  - Take the kids to Pinky's park at least once a week

Pt Rec. Aide:

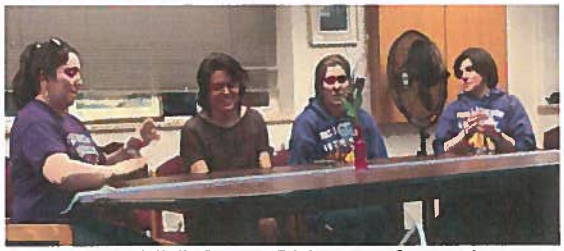
- Snack Bar Inventory
  - Still using Inventory from February.
- Thank You/Kudos
  - Last 2 weeks of March I think handling the kids has been really good. I think all the staff at the time, Branden, Maya, Tesslyn, Matt I think we all worked together really well and we handled situations well together. I would say thanks to all the staff for working together well.
- Program Assistance
  - Planned Activities, Helped with kids, Did pledge, Snack Bar, Money management, Organization and cleanliness of the building, Kid control, Checking kids in and out.

March 2014
Parks & Recreation 4-H Department
Management Report

Pictures

- Pictures of You with Your 4-H Project, Participating In 4-H Activities or Receiving Recognition, Or Results of Your 4-H Work. Caption Each Photograph With An Explanation Of The Picture.

Cynthia Erikson from Tanana 4-H



Ashley, Eden & Maya (JV) with Mary (JV) from Sitka perform the cup song at the Leaders Forum Talent Show.

Alaska State 4-H Leaders' Forum Report

February 27-March 2, 2014
Submitted by Ronda Sargent

I took myself, all of my permanent staff, (Richard Ramos, Branden George, Matthew Reed, Eden Hendrix & Ashley McCabe) one volunteer (Mayo Rao) and one Teen (Skylar Sargent) to the state leaders' forum in Fairbanks.

My intent is to get them a different view of 4-H then what they know from working and participating here at the 4-H Youth Center. The Tanana District 4-H is a dynamic organization that has many different types of clubs and leaders and is my ideal for a Goal for Bethel 4-H district. The 4-H state volunteer leaders' organization (VLO) is comprised of the leaders from the districts across the state. Each district has a representative voting seat in the organization and an alternate to help cover the meetings. There is an opportunity for the leaders to step into a statewide role and become part of the board of the state VLO board. Currently Matt Reed is the President Elect on this board. This means that he has committed to serving the Alaska 4-H volunteers for 3 years. The Bethel district representative is Ashley McCabe. She volunteered to serve in this role while we were at the first VLO meeting before the Forum began. Thank you Matt & Ashley!

Along with the two days of workshops planned at the forum, I scheduled for a group tour of the UAF Campus. I feel that this is an important aspect of the trip so that they understand their connection to the university through the work that they can encourage our participants to do well in school to attend college and that individually, college IS something that is a possibility for all for all of us and attaining a degree IS all within our grasp.

The workshops that I attended were "The TRY", "Putting together a winning record book", "4 Lenses" and "Promoting the public value of 4-H" *(4.7).* I Presented along with the staff "A successful partnership-the history of the Bethel Parks & Recreation 4-H Partnership" *(5.1.1.).* I also gave a workshop "Building a 4-H Leader's Toolbox" about the tools that Leaders have naturally and how to use the tool of 4-H curriculum *(3.2).*

My favorite workshop was the "4 Lenses". *(4.7)* I learned that I have hired a lot of the people I have the personality that is the compliment to my own and that I have changed my focus. I am now less touchy-feely and now more organizational. The presenter had handouts that gave great tips with how to communicate with the other personalities in the workplace. I think that we all enjoyed that workshop. Thank you to Marianne Kerr for presenting that workshop.

I attended both of the State VLO meetings before and after the Forum *(5.1.1.).* Having come from the volunteer side of the Alaska 4-H VLO as a past president, I am really excited about Alaska's WRLF in 2016. Since the forum, I have volunteered to help with the teen track for WRLF and also to be a participant in the state VLO audios and WRLF meetings to help keep the communication open between the two groups. I want

to help build the Bethel District volunteer base to be able to help more with WRLF and be as helpful to the state board and Tanana District for hosting as much as I can.

I am excited about what the staff brought home with them from the forum. We have already put into use some of the AHAs and ideas they learned. I am excited and enjoy seeing 4-H becoming more integrated into both the Afterschool and Teen programs. I am enjoying the direction the road that we are on now is going. Many good things to come to make Bethel Better!

Memorandum

DATE: May 5, 2014

TO: Peter Williams, Acting City Manager

FROM: Hansel L Mathlaw, Finance Director

SUBJECT: Manager's Report – May 2014

Finance Committee

The finance committee scheduled a meeting on April 28, 2014. Six members were present and four finance staff. Three agenda items: 1) sales tax revision 2) swimming pool operating budget and 3) water/sewer rate increase. The sales tax and the pool operating budget were put on hold. The committee voted that there should be an increase in water and sewer rates.

"We recognize the necessity of a rate increase to meet costs, however we support further public hearings on the topic."

Finance Department

The Caselle dashboard is finally working. The dashboard is web based and gives the ability of department directors view only access to their summary budgets and detail reports. The dashboard saves the finance department time by not having to print out and send financial reports to directors. I will be receiving training from Caselle on setting up users and how to run reports.

Budget/Financial

The Finance Department Budget year to date (as of March 31) expenditures totaled $615,177 which represents 82% of the total budget.

The Utility Billing under my supervision had expenditures of $112,532 which represents 81% of the budget.

After the March 2014 sales tax reconciliation, a transfer of $60,389 was performed to the BATHC bank account. The BATHC bank account balance is $4,169,725.

The new police station is not receiving power cost equalization. The old police station was receiving power cost equalization. The new police station was up and running the summer of 2013. I have submitted a letter and assembled the forms necessary to receive PCE for the new police station and have not received word back from Alaska Energy Authority. I will also seek power cost equalization for the swimming pool.

Clerk's Report

City of Bethel, Alaska

City Clerk's Office

To: City Council
From: Lori Strickler
Subject: Clerk's Report

Upcoming Council Events:
May 29, 2014 Special City Council Meeting
April 10, 2014 Regular City Council Meeting

Miscellaneous

The City Clerk's Office has picked up a number of duties normally assigned to the HR Office. We have been working on Job Announcements for various open positions as well as modifying the HR Manger job description and submitting advertisements for that position in the anticipated inclusion of that position in the FY 2015 Budget.

The Office has Prepared information for the Council consideration on the Interim City Manager position as well as the process for hiring a full time City Manager.

The City Clerk coordinated drug and alcohol training for after hours responders.

Created an Ordinance establishing Kuimarvic as the advisory committee for the pool facility. There are some issues the Office will need to work out prior to finalizing the ordinance and presenting it to the Council. Shortly after a contract is established with the pool operators, we will have an better idea of how to proceed.

Researching options regarding Marijuana and alcohol taxation at the request of a council member.

Reviewing the City's Accident Policy and making notice of possible modifications for Administration's consideration.

The City Clerk's Office will be working on transferring the Cemetery files into Caselle, the Finance accounting system.