

# Water and Sewer Rate Review Proposed Water & Sewer Rate Model and Recommendations

Report of the Water & Sewer Rate Task Force

4/8/2013

Contributing Task Force Members Beauregard Burgess, Ken Castner, Barbara Howard, Terry Yager, Bob Howard, Sharon Minsch, Lloyd Moore, Beth Wythe



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## **INTRODUCTION:**

The Water & Sewer Rate Task Force (the Task Force) was established in accordance with the provisions of Resolution 12-027(A), consisting of five City of Homer residents (Ken Castner, Bob Howard, Sharon Minsch, Lloyd Moore and Terry Yager) and two City Council members (Barbara Howard and Beth Wythe), appointed by Mayor James Hornaday through Memorandum 12-056. Subsequent to the original appointments, community member Terry Yager submitted his resignation from the Task Force and the seat remained unfilled for the duration of the review process. Also, following the October elections, Beth Wythe was authorized to continue on the Task Force through Resolution 12-094 following her election as Mayor. Barbara Howard resigned from the Task Force in November and was replaced by Council Member Beau Burgess through Memorandum 12-161(A). Copies of all Resolutions, Memoranda and information provided by Staff are included in the Appendices to this report; all reference materials accessed or reviewed have been cited as supporting documentation.

The City Council approved the creation of a Task Force after numerous public comments and complaints about the 2012 increase in Water & Sewer Rates and fees.

From the beginning, the Task Force resolved to reach decisions that were not colored by sentiment or popularity. The Task Force began its work of developing a recommendation for the City Council by considering who the benefactors were of the water and sewer systems. In addition to the residential and business customers there are large commercial users such as South Peninsula Hospital and the Port & Harbor. There are also incidental benefits that the system was designed to provide including providing both fire hydrants and sufficient water for buildings that house sprinkler fire suppression equipment. While the City Council will make the final decision regarding any rate changes, the Task Force has included recommendations for allocating the additional expenses related to these specifically identifiable cost centers in an equitable manner.

## **CURRENT RATE STRUCTURE:**

Currently water and sewer rates differentiate between various water usage and sewage returns based on whether they are delivered to or derived from residential customers, or small or large commercial customers. The Task Force believes that a gallon of water or a gallon of waste should be of an equal base cost to all users, and when a class or location of users is found to be more costly, a surcharge should be added.

Public Works states that the size of the City's water system is primarily designed to handle the delivery volume required for the fire protection needs of the City. The current City contribution to the annual water budget does not fully reflect the attributed costs that should be recovered through "hydrant rents".

## **FAIR AND EQUITABLE RATES:**

The Task Force believes the basic service charge for water and sewer customers should accurately reflect the cost of customer billing, banking and accounting expenses. Other system maintenance and treatment expenses should be billed in accordance with the customers' actual usage. There is an inherent fairness in charging all customers hooked into the system(s) the same rate for an indistinct commodity. A gallon of water is the same no matter what its use. A uniform rate lends itself to easy rate adjustments using calculations that are simple and transparent.

The Task Force identified costs associated with the water and sewer system that are derived from the population in general (fire protection, City owned buildings, public rest rooms, fish cleaning stations and support of other community facilities that use water in their day-to-day activities). These costs should be borne by the City as general fund expenses using the same tariff basis as any other user.

Fairness also requires that users that require services beyond the normal, or create additional costs, be charged for those expectations and/or costs. Two examples of the former would be those buildings with un-metered fire protection service lines and multi-unit complexes using a single meter. Two examples of the latter would be the additional cost of treating "hot" (high BOD) sewage and the costs of maintaining and powering the sewer lift stations. In order to address these non-standard users a small surcharge has been recommended.

### **SYSTEM REQUIREMENTS:**

The water and sewer system in Homer has some unique characteristics that increase the cost of operations and maintenance. The first is the location of our water source and another is the elevation of many users relative to the sewer treatment plant.

Having water come from the top of the hill may at first appear to be a great asset since many water systems are challenged with pumping water to higher elevation customers. However, reducing the pressure in the delivery system as a result of the gravity fed nature of Homer's system presents its own costly challenges. The construction and maintenance of the pressure reducing valves that are required to safely deliver water into the system and then into the residences and businesses receiving services is a substantial contributor to the cost of Homer's water system over other similarly sized systems across the state.

In addition to these challenges, having a surface source of water increases the volume of treatment required to make the water potable. As a result, Homer has been required to maintain a state-of-the-art water treatment facility for years and has recently built a new treatment facility with the capacity to meet current and anticipated water quality standards for years to come.

The water delivery system has also been sized to provide adequate pressure and flows for a variety of special services including fire sprinkler systems and hydrants. Hydrants benefit all City property owners whether they are connected to the delivery system or not. Therefore the Task Force believes that a portion of the additional system costs related to system size should be shared by property owners independently from the rates charged to water and sewer customers.

There are many service locations on the sewer system that pass through elevations that will not allow for gravity to deliver sewage all the way to the sewer treatment plant. In order to provide service to these areas lift stations are required to pump sewage to a higher elevation in the system so it can continue to the treatment plant by gravity delivery. Just as the pressure reducing valves required on the water system create an additional maintenance expense, these lift stations create an additional maintenance expense for the sewer system. Unlike the pressure reducing stations that benefit all customers, the lift stations only provide benefit to those that are in areas where they are required. For this reason, the Task Force has included a nominal monthly fee to the billing for customers that live in areas served by lift stations.

## **DISPROPORTIONATE IMPACTS:**

In addition to the above expenses specific to Homer's water delivery and sewer collection systems, other costs of operating the systems which the Task Force determined to be identifiable to specific users included:

High BOD waste; and water required for flushing dead-end lines

A nominal fee is recommended for the purposes of identifying the existence of high BOD waste contributors and to marginally off-set additional expenses related to treatment.

The water loss related to dead-end lines is considered a cost of the system in general and no fee was recommended in association with this impact.

Another potentially disproportionate impact that was identified but not quantifiable was the presence of facilities that have water delivered, but return sewage through the sewer without being billed.

## **OPTIONS FOR DISTRIBUTING COSTS TO CAUSERS:**

The proposed rate model provides a spreadsheet for the calculation of water rates independent of the spreadsheet for calculating sewer rates, although the proposed structure continues the practice of billing sewage based on water usage. The singular exemption to this was in reducing the volume of projected sewage from the Spit due to the large volume of water used at the Port that is not returned as sewage.

When reviewing the proposed water model you will observe first that the model begins with the required revenue in mind. The required revenue is then reduced by a variety of alternative revenue sources including:

- Service fees (finance fees/number of customers)
- Hydrant Rents (10% of required water system revenues)
- Sprinkler Differential (\$5/month/identified user)
- Surplus (Bulk) Water sales (estimated sales X \$0.004)
- Dwelling Fees (\$5/month/business or residence)

This identifies the amount of revenues that need to be collected through the commodity (usage) rates. In the projection provided, consideration is also given for the potential reduction in water use that may result from the commodity based fee schedule (conservation).

Using this model, rate reductions are as easy as updating the "Total Water Revenue Requirements", the "Metered Sales Projections"; the "Number of Meters"; and the "Finance Department O/H" cells. Updating these cells will generate the "Water Rate" which is the commodity fee, and the "Metered Service Fee" which is rounded up to the next highest dollar amount and becomes the monthly base rate for water services.

The use and maintenance of the proposed sewer rates is very similar. Beginning with the projected annual revenue assumption reduced by:

Lift Station Charge (lift station maintenance costs/users);  
High BOD fees (\$10/month/identified user);  
Multi-residential facility & Kachemak City fees (\$5/month/identified facility);  
Kachemak City Fees (less pumping);  
Dumping Station Fees; and  
Water Only Meters (no septic returned).

Resulting in the total revenue required through rates. Rates are allocated based on historic usage allocated to those meters that are in sewer return areas that require a lift station and those that are not to generate two rates; Non-lift zone customers – sewer rate/gal, and Lift Station Zones – Sewer Rate/gal.

Again, with the adjustment of the key cells, new rate projections become simple.

### **CRITERIA FOR EVALUATING THE SOLUTIONS:**

Because the primary complaint regarding the current rate structure has consistently been the perception of unfairly allocating costs, the Task Force was assigned the responsibility of reviewing the current rate model and recommending new rates for the 2013 rates review process. Through reviewing not only the current rate model, but also the components of the water and sewer system and identifying not only the billed users, but also others that benefit from the system, the Task Force believes that the proposed commodity based, uniform rate structure provides the most fair distribution of the expenses for operations and maintenance of the water and sewer system.

In addition to the current rate model that is “class” based, with a large base rate, the Task Force considered rate structures designed to encourage conservation (increasing rates when usage increased); structures that encouraged usage (reduced rates as usage increased); and rates that were fully commodity based (a flat fee per gallon, regardless of base expenses and extraordinary expenses). Ultimately, it was determined that the proposed rate model would best meet the test of “fairness”.

By distributing the administrative costs of billing between all customers and then charging the same rate per delivered gallon of water, water users can take control of their bill and no customer is subsidizing the use of another customer. By separating expenses related to making water available for non-standard uses such as fire protection and bulk water sales the model removes subsidies. Customers are merely being charged for the service they are receiving.

Similarly, on the sewer side subsidies are being removed by allocating extraordinary expenses related to lift stations and high BOD waste to the users that benefit from them, and multi-family dwellings are contributing proportionally to the cost of maintaining a larger system to accommodate sewage generated by more than one customer using the same metering system.

### **OTHER CONSIDERATIONS:**

In developing the proposed rate structure, the Task Force accepted the costs that had been promulgated by the City Administration and approved by the City Council.

Eighty percent of the combined budgets are costs necessary for the treatment and delivery of water for the City and its customers, together with the cost of collection and treatment of the produced effluent. The remainder is the allocated cost of administrative service. The decision as to the size and appropriateness of that allocation, and the decision to use City employees to provide those services, rests with the City Council.

The Task Force does not believe that the proposed rate model will resolve all of the complaints regarding fairness in the allocation of the expenses for maintenance and operation of the water and sewer program, but we do feel that the concerns identified and those brought before us through public comment have been appropriately addressed through this model. Additionally, the model provides an ease of administration and future rate setting that if properly applied will help the City continue to adequately fund the program for years to come.

## **CONCLUSIONS:**

In conclusion the Task Force is pleased to provide the City Council with the following recommendations with the anticipation of improved rate stability in the water and sewer program.

- Replacing the current rate model with the proposed commodity based model found on page A-1 - A-4.
- Continue to periodically review the allocation of administrative and other overhead expenses to ensure they properly reflect the actual expenses being charged to Water & Sewer.
- Clearly delineate water and sewer rates, by location, in future budget documents (i.e., revenue from City facilities and related expense lines in Port & Harbor, Water & Sewer, and other administrative budgets.)
- Confirm that ALL City of Homer facilities receiving water and sewer services are being properly metered and billed.
- Consider alternatives for refreshing the water in dead-end lines that does not result in the waste of large volumes of treated water.
- Renew the contract with Kachemak City and ensure that the rates adequately reflect the cost of this area on the system as a whole, including any added administrative expenses.
- Conduct rate-setting in a manner that will not allow political influences to result in the under collection of rates in the future.
- Establish a periodic meter inspection program to ensure that all meters are properly installed and reading.
- Customer/Tenant Fees as applied within the proposed rate model for Water and Sewer are defined as apartments, rental units, or multi-unit buildings where each unit has one or more restrooms. This fee applies to all units whether commercial or residential that is intended to be rented on a monthly basis or longer, excluding public or shared restroom facilities.



## **APPENDICES**

### *Appendix A – Creation of the Task Force*

- Resolution 12-027(A), Establishing a Water & Sewer Rate Task Force
- Resolution 12-094, Amending Resolution 12-027(A), The Composition of the Water and Sewer Rate Task Force to Allow Mayor Wythe to Continue to Serve
- Memorandum 12-161, Appointing of Councilmember Burgess to the Water & Sewer Rate Task Force

### *Appendix B – City of Homer Water & Sewer Rates*

- Resolution 11-094(S), Maintaining the City of Homer Fee Schedule at the Current Rates and Amending Customer Classifications in the Water & Sewer Rate Schedules
- Ordinance 11-43, Amending HCC 14.08.037, Water Meters Regarding Number of Meters Per Lot
- Resolution 11-062(A) Maintaining the City of Homer Fee Schedule Under Water and Sewer Fees.

### *Appendix C - Budgets*

- 2012 Operating Budget Water & Sewer
- City of Homer 2012 Operating Budget Fund 200 – Water & Sewer Special Revenue Fund
- Fund 400 - Water Fund Administration, Fund 400 Water & Fund 500 Sewer Fund Revenues
- City of Homer Year End 2011 Utility Special Revenue Fund 2011 Balance Sheet
- Year to Date figures Water & Sewer June 2012
- Year to Date figures Water & Sewer August 2012

### *Appendix D – Classifications & Sample Invoices*

- Classifications & Average Monthly Usage for 2011
- Actual Random Sample Invoices depicting various gallonage used for comparison

### *Appendix E – Fire Protection, Flushing, Water Treatment Plant, Depreciation, Meter Sizes, Maps*

- How Fire Protection Affects the Water System – Public Works
- Flushing Fire Hydrants & Water Mains- Public Works
- Water Treatment Plant Flows in Millions of Gallons – Public Works
- Depreciation Reserves Requirements and 2012 Depreciation Reserves – Water & Sewer – Finance Dept
- Maps Indicating Lift Station Locations and Areas Served – Public Works
- Number of Gallons of Water delivered to the Spit Annually – Public Works
- Staff Response to Questions regarding Staff time to produce Invoice – Finance Dept.
- Staff response to Questions regarding How Budget Numbers are calculated – Finance Dept.
- Staff Response to Number of Meeting Sizes - Meter Sizes & Number of Each Size – Public Works
- Staff Response to Question regarding Gallonage Used in the Harbor – Public Works

### *Appendix F – Spit Surcharges*

- Resolution 04-94(S) (A), Amending Homer Fee Schedule Regarding Water Rates
- Resolution 04-95, Amending Homer Fee Schedule Regarding Sewer Rates
- Excerpt from City Council Minutes, 2004, regarding Resolution 04-94(S) & Resolution 04-95
- Resolution 05-121(A), Amending the City of Homer Fee Schedule Regarding Water Rates
- Resolution 05-122, Amending the City of Homer Fee Schedule Regarding Sewer Rates
- Staff Response Analysis on Proposed Spit Surcharge – Public Works

### *Appendix G – Public Written Comments*

## **REFERENCES AND RESOURCES**

Rate Setting for Small Water Systems, Texas Cooperative Extension Service, Texas A & M University System

Excerpt from Basic Guide to Water Rates, [www.lwua.gov.ph/water\\_rates\\_08/rates\\_two.html](http://www.lwua.gov.ph/water_rates_08/rates_two.html)

Chart Table 2-1 Annual Funds Required – Unknown Source

Anchorage Water & Sewer Rates 2012 [www.awwu.biz/website/Customers\\_Service/water\\_tariff13-2.htm](http://www.awwu.biz/website/Customers_Service/water_tariff13-2.htm)

Intergovernmental Agreement for Kachemak /Homer Wastewater System between Kachemak City and City of Homer, dated August 10, 1988

KPMG Peat Marwick, Water and Wastewater Utilities Rate Study, February 11, 1991

Montgomery Watson, Utility Rate Study, August 11, 1997

City of Homer 2000 Rate Model Matrix – Water & Sewer 2008 Rates Analysis Water & Sewer Enterprise Fund

City of Kenai Water & Sewer Rate Study Prepared by Kurt Playstead, CH2M HILL, February 7, 2011

M54: Developing Rates for Small Systems, the American Water Works Association, Copyright 2004

City of Soldotna Water & Sewer Rate Study Prepared by HDR Engineering (No date)

**City of Homer Water and Sewer Rate Study Draft Rate Model**  
**April 5, 2013**  
**PROPOSED WATER RATES**

<b>Revenue Assumptions (dollars):</b>		<b>Source:</b>	
1	Total Water Revenue Requirements (2014)=	1,890,265	Annual Budget
2	Deduct Portion Collected through Service Fee=	310,077	Annual Budget
3	Hydrant Rents (10% of E6) =	189,027	Annual Budget
4	Sprinkler Differential (20 buildings - \$5/mo)=	1,200	Building Customer
5	Surplus Water Sales (Bulk) surcharge only =	92,290	Bulk Sales
6	Adjusted Revenue Requirements =	1,297,672	Calculated
<b>Usage Assumptions (gallons):</b>			
7	Metered Sales Projection (gallons) =	125,000,000	Prior Year
8	6.5% Commodity Reduction due to Conservation =	8,125,000	Number to be tested
9	Adjusted Sales Projection (gallons) =	116,875,000	Calculated
<b>Informational:</b>			
10	Spit Water Sales =	17,921,000	Prior Year
11	Surplus (Bulk) Water Sales =	23,072,500	Prior Year
12	Number of Meters =	1,472	Prior Year
13	City Hall Finance Department O/H=	775,192	Annual Budget
14	Public Facilities Water Usage (value)=	134,904	Annual Budget
<b>All Customers</b>	<b>Water Rate Per Gallon</b>	<b>Metered Service Fee</b>	
15	0.0111	\$18	Round up to Next \$
16	Bulk Water = .015/gallon		

**City of Homer Water and Sewer Rate Study Draft Rate Model**

April 5, 2013

**PROPOSED SEWER RATES**

<b>Revenue Assumptions (dollars)</b>		<b>Source:</b>	
1	2014 Total Revenue Requirement=	1,680,279	Annual Budget
2	Sewer Differential (.86*84% of Lift Stations) =	181,915	All Lift Station Users
3	High BOD Generator Sewage Differential (\$10/mo) =	5,760	New Fee
4	Customer Fee Kachemak City/Tenant Fee (\$5/mo) =	53,160	Reduced Fee
5	Kachemak City Fees (less pumping) =	81,270	Prior Year
6	Dumping Station Fees	10,500	Prior Year
7	Summer Metered Gallons (Septic Reduction) =	(400.00)	From Accounting
8	Adjusted Revenue Requirements=	1,348,074	
<b>Usage Assumptions (gallons):</b>			
9	Discharge Sales Projection (gross metered) =	125,000,000	Water Sales
10	6.5% Commodity Reduction due to Conservation =	(8,125,000)	
11	Metered Spit w/o entering Treatment Line=	(9,150,000)	
12	Adjusted Discharge Sales Projection =	107,725,000	
<b>Informational</b>			
13	Spit Sewer Discharge (gallons)=	7,225,000	Prior Year
14	Lift Station Costs=	181,915	Annual Budget
15	Single Connection Multi-Tenant Units=	886	Prior Year
16	Public Facilities Contribution =	46,918	Annual Budget
17	Number of High BOD Generators Sewage=	48	From Page 2
18	Dumping Station Fees =	10,500	Annual Budget
19	Lift Station Gallons=	46944000.0	PW Annual Pumping Rates Est
<b>NON-Lift Zone Customers - Sewer Rate /gal</b>			
20	0.013		
<b>** Lift Station Zones - Sewer Rate /gal</b>			
21	0.016		

**High B.O.D Users**

Restaurants	24
Hotels w/ Rest & Hosp	4
Clubs, Seniors, Schools	12
Laundromats	3
Car Wash	2
Service Stations	3

Total High BOD Generators 48

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Car Wash	2
Service Stations	3

Total High BOD Generators 48



Type of User	\$18/mo Service Fee	1.11¢ gal Water Fee	1.5¢ gal Bulk Water	1.3¢ gal Sewer Fee Non-Lift Station	1.6¢ gal Sewer Lift Station	\$5/mo Customer /Tenant Fee	\$10/month BOD Fee	\$5/mo Fire Demand
<b>BASE FEES:</b>								
Bulk Water Purchaser			✓					
Residential/ Commercial *	✓	✓		✓				
Residential/Commercial - Lift Zones	✓	✓			✓			
Residential/Com - Kachemak City						✓		
<b>ADDITIONAL FEES:</b>								
Commercial/Institutional Kitchens							✓	
Multi-unit Customer Fee**						✓		
Car Washes							✓	
Hotels/Motels							✓	
Processing Facilities							✓	
Campground/RV Parks							✓	
Laundromat							✓	
Service Stations							✓	
Buildings w/ Sprinkler Systems								✓
* Includes: B & B's Businesses Churches w/o DEC Kitchens Cocktail Lounges Groceries w/o DEC Kitchens Private Club w/o DEC Kitchens Public Authority w/o DEC Kitchens				** Includes: Apartment/Housing Complexes Malls & Other Multi-unit Commercial Trailer Parks on Shared Meter(s)				

Avg Gallons Used	Proposed Service Fee	Water Bill w/Service Fee	Proposed Sewer Costs	Proposed Rates Total Water & Sewer Bill	Lift Station Adj.	Adjusted Proposed Total Billing	B.O.D Fee	Tenant	Fire Sprinkler	POSSIBLE TOTAL BILLING w/all fees
	\$18.00	0.011	0.013		0.016			Fee	Service	
323		\$21.59	\$4.20	\$25.75	\$5.17	\$44.76	\$10	\$5	\$5	\$64.76
1,033		\$29.47	\$13.43	\$42.79	\$16.53	\$64.00	\$10	\$5	\$5	\$84.00
1,636		\$36.16	\$21.27	\$57.26	\$26.18	\$80.34	\$10	\$5	\$5	\$100.34
2,127		\$41.62	\$27.65	\$69.05	\$34.03	\$93.65	\$10	\$5	\$5	\$113.65
2,593		\$46.79	\$33.71	\$80.23	\$41.49	\$106.28	\$10	\$5	\$5	\$126.28
3,133		\$52.79	\$40.73	\$93.19	\$50.13	\$120.92	\$10	\$5	\$5	\$140.92
3,709		\$59.18	\$48.22	\$107.02	\$59.34	\$136.52	\$10	\$5	\$5	\$156.52
4,627		\$69.37	\$60.15	\$129.05	\$74.03	\$161.40	\$10	\$5	\$5	\$181.40
6,649		\$91.82	\$86.44	\$177.58	\$106.38	\$216.20	\$10	\$5	\$5	\$236.20
42,470		\$489.55	\$552.11	\$1,037.28	\$679.52	\$1,187.07	\$10	\$5	\$5	\$1,207.07
52,470		\$ 577.17	\$ 682.11	\$ 1,277.28	\$839.52	\$1,434.69	\$10	\$5	\$5	\$1,454.69
72,470		\$ 797.17	\$ 942.11	\$ 1,757.28	\$1,159.52	\$1,974.69	\$10	\$5	\$5	\$1,994.69
102,470		\$ 1,127.17	\$ 1,332.11	\$ 2,477.28	\$1,639.52	\$2,784.69	\$10	\$5	\$5	\$2,804.69
142,470		\$ 1,567.17	\$ 1,852.11	\$ 3,437.28	\$2,279.52	\$3,864.69	\$10	\$5	\$5	\$3,884.69
192,470		\$ 2,117.17	\$ 2,502.11	\$ 4,637.28	\$3,079.52	\$5,214.69	\$10	\$5	\$5	\$5,234.69
252,470		\$ 2,777.17	\$ 3,282.11	\$ 6,077.28	\$4,039.52	\$6,834.69	\$10	\$5	\$5	\$6,854.69
262,470		\$ 2,887.17	\$ 3,412.11	\$ 6,317.28	\$4,199.52	\$7,104.69	\$10	\$5	\$5	\$7,124.69
272,470		\$ 2,997.17	\$ 3,542.11	\$ 6,557.28	\$4,359.52	\$7,374.69	\$10	\$5	\$5	\$7,394.69

Existing Rates Resi. Sewer	Total Residential Water	Exist Multi Sewer	Total Multi Family Water	Exist Comm Sewer	Total Commercial Water	Exist Rate Resi Water	Exist Rate Multi Wtr	Exist Rate Comm Wtr	Existing Bulk	Proposed Bulk Rate
0.00997		0.00997		0.01264		0.00442	0.00442	0.0114	0.01269	0.015
\$ 3.22	\$ 49.65	\$ 3.22	\$ 49.65	\$ 4.08	\$ 52.76	\$ 1.43	\$ 1.43	\$ 3.68	\$ 4.10	\$ 4.85
\$ 10.30	\$ 59.86	\$ 10.30	\$ 59.86	\$ 13.06	\$ 69.83	\$ 4.57	\$ 4.57	\$ 11.78	\$ 13.11	\$ 15.50
\$ 16.31	\$ 68.54	\$ 16.31	\$ 68.54	\$ 20.68	\$ 84.33	\$ 7.23	\$ 7.23	\$ 18.65	\$ 20.76	\$ 24.54
\$ 21.21	\$ 75.61	\$ 21.21	\$ 75.61	\$ 26.89	\$ 96.13	\$ 9.40	\$ 9.40	\$ 24.25	\$ 26.99	\$ 31.91
\$ 25.85	\$ 82.31	\$ 25.85	\$ 82.31	\$ 32.78	\$ 107.34	\$ 11.46	\$ 11.46	\$ 29.56	\$ 32.91	\$ 38.90
\$ 31.24	\$ 90.08	\$ 31.24	\$ 90.08	\$ 39.60	\$ 120.32	\$ 13.85	\$ 13.85	\$ 35.72	\$ 39.76	\$ 47.00
\$ 36.98	\$ 98.37	\$ 36.98	\$ 98.37	\$ 46.88	\$ 134.16	\$ 16.39	\$ 16.39	\$ 42.28	\$ 47.07	\$ 55.64
\$ 46.13	\$ 111.58	\$ 46.13	\$ 111.58	\$ 58.49	\$ 156.23	\$ 20.45	\$ 20.45	\$ 52.75	\$ 58.72	\$ 69.41
				\$ 84.04	\$ 204.84			\$ 75.80	\$ 84.38	\$ 99.74
				\$ 536.82	\$ 1,065.98			\$ 484.16	\$ 538.94	\$ 637.05
				\$ 663.22	\$ 1,306.38			\$ 598.16	\$ 665.84	\$ 787.05
				\$ 916.02	\$ 1,787.18			\$ 826.16	\$ 919.64	\$ 1,087.05
				\$ 1,295.22	\$ 2,508.38			\$ 1,168.16	\$ 1,300.34	\$ 1,537.05
				\$ 1,800.82	\$ 3,469.98			\$ 1,624.16	\$ 1,807.94	\$ 2,137.05
				\$ 2,432.82	\$ 4,671.98			\$ 2,194.16	\$ 2,442.44	\$ 2,887.05
				\$ 3,191.22	\$ 6,114.38			\$ 2,878.16	\$ 3,203.84	\$ 3,787.05
				\$ 3,317.62	\$ 6,354.78			\$ 2,992.16	\$ 3,330.74	\$ 3,937.05
				\$ 3,444.02	\$ 6,595.18			\$ 3,106.16	\$ 3,457.64	\$ 4,087.05



41 PASSED AND ADOPTED BY THE HOMER CITY COUNCIL this 22<sup>nd</sup> day of April,  
42 2013.

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CITY OF HOMER

*Mary E. Wythe*  
MARY E. WYTHE, MAYOR

ATTEST:

*Jo Johnson*  
JO JOHNSON, CMC, CITY CLERK

Fiscal Note: N/A