

City of Homer Water and Sewer Rate Study Draft Rate Model					
Version 7 - Working					
Updated November 5, 2012 by KC					
Water Rates					
Revenue Assumptions (dollars):					S
1	Total Water Revenue Requirements (2014)=			1,890,265	annual
2	Deduct Water portion collected through Service Fee			310,077	annual
2	Hydrant Rents (10% of E6) =			189,027	annual
4	Sprinkler Differential (20 buildings - \$5/mo)=			1,200	Building
6	Surplus Water Sales (Bulk) surcaharge only =			98,750	Bul
8	Adjusted Revenue Requirements =			1,291,211	Cal
9	Usage Assumptions (gallons):				
10	Metered Sales Projection (gallons) =			125,000,000	Pri
11	Commodity Reduction due to Conservation =			13%	Number t
12	Adjusted Sales Projection (gallons) =			108,750,000	Cal
	Informational:				
13	Spit Water Sales =			17,921,000	Pri
14	Surplus (Bulk) Water Sales =			23,072,500	Pri
15	Number of Meters =			1,472	Pri
16	City Hall Finance Department O/H=			775,192	annual
17	Public Facilities Water Usage (value)=			134,904	annual
	All Customers	Water Rate	Metered Service Fee		
		0.0119	17.55		

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Sewer Rates		Version 7 - Working		
	Revenue Assumptions (dollars):			Source:
1	2014 Total Revenue Requirement=		1,680,279	Annual Budget
2	Spit Differential Sewer=		90,958	Spit Users
3	High BOD Generator Sewage Differential (\$18/mo) =		43,200	New Fee
4	Customer Fee from Apartments (\$10/mo) =		76,680	Reduced Fee
6	??? Hotel/Motel Units BOD Fee ??? =			Hotels/Motels
7	Kachemak City Fees (less pumping) =		79,248	
9	Summer Metered Gallons (Septic Reduction) =		(400.00)	
10	Adjusted Revenue Requirements=		1,390,594	
	Usage Assumptions (gallons):			
11	Discharge Sales Projection (gross metered) =		125,000,000	
12	13% Commodity Reduction due to Conservation =		(16,250,000)	
13	Metered Spit w/o entering Treatment Line=		(9,150,000)	
14	Adjusted Discharge Sales Projection =		99,600,000	
	Informational:			
15	Spit Sewer Discharge (gallons)=		7,225,000	Prior Year
16	Lift Station Costs=		181,915	Annual Budget
17	Single Meter Residential Multi-Family Units=		639	Prior Year
18	Single Meter Hotel/Motel Units=			
19	Public Facilities Contribution =		46,918	Annual Budget
20	Dumping Station Fees =		10,500	Annual Budget
	All Customers - Sewer Base Rate /gal			
	0.014			
	Spit Customer - Sewer Rate /gal (Base plus Differential)			
	0.027			

	30% differential substituted w/ 50% of lift station costs	
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Type of User	\$18/mo Service Fee	1.2¢ gal Water Fee	1.6¢ gal Bulk Water	1.4¢ gal Sewer Fee	2.7¢ gal Sewer Fee	\$xx/mo Sewer Fee
BASE FEES:						
Bulk Water Purchaser			✓			
Residential/ Commercial - City*	✓	✓		✓		
Residential/ Commercial - Spit	✓				✓	
Residential/Com - Kachemak City						✓
ADDITIONAL FEES:						
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)						