

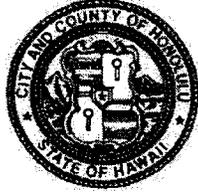
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2012 MAR 29 PM 3:05

DEPARTMENT OF ENVIRONMENTAL SERVICES
CITY AND COUNTY OF HONOLULU

1000 ULUOHIA STREET, SUITE 308, KAPOLEI, HAWAII 96707
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PETER B. CARLISLE
MAYOR



TIMOTHY E. STEINBERGER, P.E.
DIRECTOR

MANUEL S. LANUEVO, P.E., LEED AP
DEPUTY DIRECTOR

ROSS S. TANIMOTO, P.E.
DEPUTY DIRECTOR

IN REPLY REFER TO:
WAS 12-63

March 23, 2012

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2012 MAR 29 P 2:41
CITY COUNCIL
HONOLULU, HAWAII

The Honorable Ann Kobayashi, Chair
and Members
Budget Committee
The Honorable Stanley Chang, Chair
and Members
Committee on Public Works and Sustainability
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813-3065

Dear Chair Kobayashi and Chair Chang and Councilmembers:

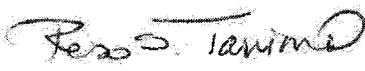
Subject: Bill 3 (2012), CD1, A Bill for Ordinance to Amend Chapter 14 of the Revised Ordinance of Honolulu 1990, as Amended, Relating to The Public Works Infrastructure Requirements Including Fees and Services by Amending Articles 1, 6, 10, and Appendix B Relating to Public Sewers, Proposed CD2

We request that Bill 3, CD1, be further amended to a CD2. We have attached a draft CD2 for your consideration. The proposed CD2 makes clarifying changes to the Sewer Service Charge Schedules in Section 7, by adding language to the Non-residential Sewer Service Charges portion of the schedules. Specifically, language regarding the monthly base charge is changed to read: "Monthly base charge per Equivalent Single Family Dwelling Unit (ESDU)", to both the Metered Water Usage and Metered Wastewater Discharge portions of the schedule of Non-residential Sewer Service Charges for Domestic Strength Wastewater. Additionally, language is added to that portion of the same schedule for Extra Strength Wastewater charges based on water usage to clarify that it is based on metered water use reduced by the water irrigation factor of 20% for consistency with the volume charge language.

The Honorable Ann Kobayashi, Chair
The Honorable Stanley Chang, Chair
March 23, 2012
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If there are any questions, please call Tim Houghton, Executive Assistant, at 768-3475.

Sincerely,


Timothy E. Steinberger, P.E.
Director

Attachment

APPROVED:



Douglas S. Chin
Managing Director



A BILL FOR AN ORDINANCE

A BILL FOR ORDINANCE TO AMEND CHAPTER 14 OF THE REVISED ORDINANCE OF HONOLULU 1990, AS AMENDED, RELATING TO THE PUBLIC WORKS INFRASTRUCTURE REQUIREMENTS INCLUDING FEES AND SERVICES BY AMENDING ARTICLES 1, 6, 10, and APPENDIX B RELATING TO PUBLIC SEWERS.

BE IT ORDAINED by the People of the City and County of Honolulu:

SECTION 1. Purpose. The purpose of this ordinance is to update portions of Chapter 14, Revised Ordinance of Honolulu 1990, as amended, by: (1) amending Articles 1, 6, 10, and Appendix B, to assign responsibilities to applicable departments due to the city reorganization on July 1, 1998; (2) to clarify definitions related to sewer service charges; (3) to adjust sewer service charges to more equitably distribute costs; and, (4) to better relate timing of payment of Wastewater System Facility Charges to actual construction of facilities.

SECTION 2. Section 14-1.2, Revised Ordinances of Honolulu 1990, is amended to read as follows:

Sec. 14-1.2 Definitions.

"Dwelling unit" means a room or rooms connected together constituting an independent living unit with independent exterior access that includes a food preparation area. The existence of separate rental/lease agreements, addresses, and mailboxes [may also] can be used in determining dwelling unit counts for sewer service charge assessment purposes.

"Food preparation area" means an area containing fixtures, appliances, or devices for:

- (1) Heating, preparing or cooking food;
- (2) Refrigerating food; and
- (3) Washing utensils used for dining and food preparation and/or for washing and preparing food.

The permanent removal of [two of the three above-numbered elements] both elements 1 and 2 above, or element 3 above are/is required to eliminate a food preparation area for sewer service charge assessment purposes."



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SECTION 3. Section 14-6.6, Revised Ordinances of Honolulu 1990 (Nonresidential strength surcharges”), is amended by amending subsection (b) to read as follows:

“(b) The nonresidential user charge schedule is applicable to domestic strength wastewater having an average suspended solids loading of 200 mg/l. The charge to a nonresidential user whose wastewater loading exceeds 200 mg/l shall be determined by means of the following formula, where *SSm* equals the measured suspended solids loading for that user and *c* is the user’s charge per 1,000 gallons of either water usage or wastewater discharge, whichever is applicable.

$$\text{Charge per 1000 gallons} = c \left[[0.687]0.857 + \frac{[0.313]0.143(SSm)}{200} \right]$$

SECTION 4. Section 14-10.2, Revised Ordinance of Honolulu 1990 (“time of payment”), is amended by amending subsections (a) and (c) to read as follows:

“(a) Residential Service.

(1) New Residential Applicants for Service.

(A) A wastewater system facility charge shall be paid by each new applicant for service as a precondition to the issuance of a building permit by the city, where the new applicant is subject to liability under Section 14-10.1(a); provided that the director of the department of planning and permitting may defer payment of the facility charge for low-income housing projects and city or city-sponsored, or state or state-sponsored housing projects, but in all instances no connection to the city’s sewer system shall be allowed until the facility charge is paid. The required payment shall be based on the number and type of dwelling units to be constructed in accordance with Section 14-10.3.

(B) Wastewater system facility charges for subdivision or development projects shall be paid as a precondition to [final subdivision approval] issuance of building permits for the subdivision by the city. The minimum required payment shall be based on one equivalent single-family dwelling unit per lot. In the event more than one equivalent single-family dwelling unit is constructed per lot, wastewater system



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facility charges for each additional unit shall be paid as a precondition to the issuance of a building permit by the city; provided that the director of the department of planning and permitting may defer payment of the facility charge for low-income housing projects and city or city-sponsored, or state or state-sponsored housing projects, but in all instances no connection to the city's sewer system shall be allowed until the facility charge is paid. Subdivision or development projects which have received final subdivision approval prior to the effective date of this article shall be exempt from paying the minimum one equivalent single-family dwelling unit charge.

(2) Existing Residential Structures.

- (A) An existing residential structure is exempt from liability under Section 14-10.1 for its existing wastewater system capacity entitlement.
- (B) An applicant for a building permit to enlarge an existing residential structure shall be liable for the wastewater system facility charge increment associated with the enlargement project, based on the number and type of dwelling units to be constructed in accordance with Section 14-10.3. Payment of the charge shall be a precondition to the issuance of a building permit by the city.

For the purposes of this subsection, "city or city-sponsored housing project" shall mean a housing project that is city-owned, city-funded and/or developed pursuant to HRS Section 46-15 or 46-15.2 and/or under HRS Chapter 201G as applicable to the city through HRS Section 46-15.1, "state or state-sponsored housing project" shall mean a housing project that is state-owned, state-funded and/or developed under HRS Chapter 201G, and "low-income housing project" means the same as is defined in Section 14-10.6, provided that a "city or city-sponsored housing project" and a "state or state-sponsored housing project" may also be a "low-income housing project" for purposes of the reduction of the wastewater system facility charges pursuant to Section 14-10.6."

"(c) Mixed Residential and Nonresidential Service.

- (1) New Mixed Applicants for Service. A wastewater system facility charge shall be paid by each new applicant for service as a precondition to the



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issuance of a building permit by the city, where the applicant is subject to liability under Section 14-10.1 (a); provided that the director of the department of planning and permitting may defer payment of the facility charge applicable to the residential portion of a city or city-sponsored or state or state-sponsored housing project upon consideration of the applicant's financial situation, but in all instances no connection to the city's sewer system shall be allowed until the charge is paid. The required payment shall be based on the procedures set forth in Section 14-10.5.

- (2) Existing Mixed Structures.
 - (A) An existing structure is exempt from liability under Section 14-10.1 (b) for its existing wastewater system capacity entitlement.
 - (B) An applicant for a building permit to enlarge an existing structure shall be liable for the wastewater system facility charge increment associated with the enlargement project, based on the procedures set forth in Section 14-10.5. Payment of that charge shall be a precondition to the issuance of a building permit by the city.
 - (C) An applicant wishing to increase its wastewater system capacity entitlement to accommodate a change in use of the existing structure shall be liable for the wastewater system facility charge increment associated with the increase, based on the procedures set forth in Section 14-10.5. Payment of that charge shall be a precondition to the issuance of a building permit by the city.

For the purposes of this subsection, "city or city-sponsored housing project" shall mean a housing project that is city-owned, city-funded and/or developed pursuant to HRS Section 46-15 or 46-15.2 and/or under HRS Chapter 201E as applicable to the city through HRS Section 46-15.1, and "state or state-sponsored housing project" shall mean a housing project that is state-owned, state-funded and/or developed under HRS Chapter 201E.

SECTION 5. Section 14-10.5, Revised Ordinance of Honolulu 1990 ("Mixed residential and nonresidential wastewater system facility charges"), is amended by amending subsection (b) to read as follows:

- "(b) The new applicant for service, or the owner of an existing structure who wishes to increase the owner's current wastewater system capacity entitlement, shall be



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required to install a sub-water meter to monitor the water flow to the nonresidential units. [The sub-water meter size shall be obtained from the board of water supply, or from the state department of land and natural resources in the case of private water wells, for the project to be constructed.] The number of ESDUs shall be determined in accordance with Section 14-10.3 for the residential units and Section 14-10.4 for the nonresidential units.”

SECTION 6. Appendix 14-B, Revised Ordinances of Honolulu 1990, is repealed.

["Appendix 14-B

SEWER SERVICE CHARGE SCHEDULES

The charges in column 1 apply to all customers, except those customers for which a sewer service contract/agreement exists between the customer and the City and County of Honolulu which provides that column 2 charges shall apply. Sewer service contracts/agreements that allow column 2 charges are intended for customers who have paid their share of capital costs of collection, treatment and disposal of their wastewater by the city.

Residential Sewer Service Charges			
	Effective July 1 of:	1	2
Single-family and duplex dwellings served by city water system per dwelling unit per month			
1. Monthly base charge	2011	\$71.13	\$56.10
	2012	73.97	58.34
	2013	76.93	60.68
	2014	80.01	63.10
	2015	84.01	66.26
	2016	90.73	71.56
2. Monthly usage charge--First 2,000 gallons of metered water consumed	2011	No charge	No charge
3. Charge per 1,000 gallons of metered water	2011	\$3.00	\$3.00
	2012	3.12	3.12



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Residential Sewer Service Charges			
	Effective July 1 of:	1	2
consumed over 2,000 gallons, the water consumed reduced by the water irrigation factor of 18%; provided that residential users who install and maintain a water meter for submetering nonsewer water shall not have the water consumed reduced by the water irrigation factor	2013	3.24	3.24
	2014	3.37	3.37
	2015	3.54	3.54
	2016	3.82	3.82

Single-family and duplex dwellings not served by city water system per dwelling unit per month	2011	\$87.56	\$80.85
	2012	91.06	84.08
	2013	94.70	87.45
	2014	98.49	90.94
	2015	103.41	95.49
	2016	111.69	103.13

Multiple-unit dwellings served by city water system per dwelling unit per month			
1. Monthly base charge	2011	\$49.82	\$39.22
	2012	51.81	40.79
	2013	53.88	42.42
	2014	56.04	44.12
	2015	58.84	46.32
	2016	63.55	50.03
2. Monthly usage charge--First 2,000 gallons of metered water consumed	2011	No charge	No charge
	2012		
3. Charge per 1,000 gallons of metered water consumed over 2,000 gallons, the water consumed reduced by the water irrigation	2011	\$3.00	\$3.00
	2012	3.12	3.12
	2013	3.24	3.24
	2014	3.37	3.37



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factor of 18%; provided that residential users who install and maintain a water meter for submetering nonsewer water shall not have the water consumed reduced by the water irrigation factor	2015	3.54	3.54
	2016	3.82	3.82
Multiple-unit dwellings not served by city water system per dwelling unit per month	2011	\$67.40	\$56.68
	2012	70.10	58.95
	2013	72.90	61.31
	2014	75.82	63.76
	2015	79.61	66.95
	2016	85.98	72.30

Non-Residential Sewer Service Charges			
	Effective July 1 of:	1	2
Domestic Strength Wastewater:			
1. Metered Water Usage			
a. If 9,000 gallons or less per month			
(1) Monthly base charge	2011	\$63.97	\$53.25
	2012	66.53	55.38
	2013	69.19	57.59
	2014	71.96	59.90
	2015	75.56	62.89
	2016	81.60	67.92
(2) Charge per 1,000 gallons	2011	\$3.26	\$3.26
	2012	3.39	3.39
	2013	3.52	3.52
	2014	3.66	3.66
	2015	3.84	3.84
	2016	4.15	4.15
b. If more than 9,000 gallons per month, charge per 1,000 gallons	2011	\$10.36	\$8.70
	2012	10.77	9.05



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Non-Residential Sewer Service Charges			
	Effective July 1 of:	1	2
	2013	11.20	9.42
	2014	11.65	9.79
	2015	12.23	10.28
	2016	13.21	11.10
2. Metered Wastewater Discharge			
a. If 7,000 gallons or less per month			
(1) Monthly base charge			
	2011	\$63.97	\$53.25
	2012	66.53	55.38
	2013	69.19	57.59
	2014	71.96	59.90
	2015	75.56	62.89
	2016	81.60	67.92
(2) Charge per 1,000 gallons			
	2011	\$4.16	\$4.16
	2012	4.33	4.33
	2013	4.50	4.50
	2014	4.68	4.68
	2015	4.91	4.91
	2016	5.31	5.31
b. If more than 7,000 gallons per month, charge per 1,000 gallons			
	2011	\$13.16	\$11.04
	2012	13.68	11.49
	2013	14.23	11.95
	2014	14.80	12.42
	2015	15.54	13.05
	2016	16.78	14.09
Extra Strength Wastewater			
1. Charge per 1,000 gallons of water usage, use the following formula:			
	2011	\$10.36	\$8.70
	2012	10.77	9.05



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Non-Residential Sewer Service Charges			
	Effective July 1 of:	1	2
0.857 + 0.143(SSm/200) multiplied by applicable rate	2013	11.20	9.42
	2014	11.65	9.79
	2015	12.23	10.28
	2016	13.21	11.10
2. Charge per 1,000 gallons of wastewater discharge, use the following formula: 0.857 + 0.143(SSm/200) multiplied by applicable rate	2011	\$13.16	\$11.04
	2012	13.68	11.49
	2013	14.23	11.95
	2014	14.80	12.42
	2015	15.54	13.05
	2016	16.78	14.09

SECTION 7. Chapter 14, Revised Ordinances of Honolulu 1990, is amended by adding a new Appendix 14-B to read as follows:

“Appendix 14-B

SEWER SERVICE CHARGE SCHEDULES

The charges in column 1 apply to all customers, except those customers for which a sewer service contract/agreement exists between the customer and the City and County of Honolulu which provides that column 2 charges shall apply. Sewer service contracts/agreements that allow column 2 charges are intended for customers who have paid their share of capital costs of collection, treatment, and disposal of their wastewater by the city.



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Residential Sewer Service Charges			
	Effective July 1 of:	1	2
Single-family and duplex dwellings served by city water system per dwelling unit per month			
1. Monthly base charge			
	2012	\$63.23	\$49.87
	2013	65.76	51.86
	2014	68.39	53.94
	2015	71.81	56.64
	2016	77.55	61.17
2. Charge per 1,000 gallons of metered water consumed, the water consumed reduced by the water irrigation factor of 20%; provided that residential users who install and maintain a water meter for submetering nonsewer water shall not have the water consumed reduced by the water irrigation factor			
	2012	\$3.77	\$3.77
	2013	3.93	3.93
	2014	4.08	4.08
	2015	4.29	4.29
	2016	4.63	4.63
Single-family and duplex dwellings not served by city water system per dwelling unit per month			
	2012	\$90.14	\$84.08
	2013	94.03	87.45
	2014	97.79	90.94
	2015	102.68	95.49
	2016	110.89	103.13
Multiple-unit dwellings served by city water system per dwelling unit per month			
1. Monthly base charge			
	2012	\$43.47	\$34.28
	2013	45.21	35.66
	2014	47.02	37.08



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	2015	49.37	38.94
	2016	53.32	42.05
2. Charge per 1,000 gallons of metered water consumed, the water consumed reduced by the water irrigation factor of 20%; provided that residential users who install and maintain a water meter for submetering nonsewer water shall not have the water consumed reduced by the water irrigation factor	2012	\$3.77	\$3.77
	2013	3.93	3.93
	2014	4.08	4.08
	2015	4.29	4.29
	2016	4.63	4.63
Multiple-unit dwellings not served by city water system per dwelling unit per month	2012	\$70.65	\$55.72
	2013	73.47	57.95
	2014	76.41	60.27
	2015	80.23	63.28
	2016	86.65	68.34

Non-Residential Sewer Service Charges			
	Effective July 1 of:	1	2
Domestic Strength Wastewater: 1. Metered Water Usage			
(1) Monthly base charge per Equivalent Single Family Dwelling Unit (ESDU)	2012	\$63.23	\$49.87
	2013	65.76	51.86
	2014	68.39	53.94
	2015	71.81	59.64
	2016	77.55	61.17



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Non-Residential Sewer Service Charges			
	Effective July 1 of:	1	2
(2) Charge per 1,000 gallons of metered water consumed, the water consumed reduced by the water irrigation factor of 20%	2012	\$3.77	\$3.77
	2013	3.93	3.93
	2014	4.08	4.08
	2015	4.29	4.29
	2016	4.63	4.63
2. Metered Wastewater Discharge (1) Monthly base charge per Equivalent Single Family Dwelling Unit (ESDU)	2012	\$63.23	\$49.87
	2013	65.76	51.86
	2014	68.39	53.94
	2015	71.81	59.64
	2016	77.55	61.17
(2) Charge per 1,000 gallons	2012	\$3.77	\$3.77
	2013	3.93	3.93
	2014	4.08	4.08
	2015	4.29	4.29
	2016	4.63	4.63
Extra Strength Wastewater 1. Charge per 1,000 gallons of metered water consumed, the water consumed reduced by the water irrigation factor of 20%, use the following formula: 0.857 + 0.143(SSm/200) multiplied by applicable rate	2012	\$3.77	\$3.77
	2013	3.93	3.93
	2014	4.08	4.08
	2015	4.29	4.29
	2016	4.63	4.63
Extra Strength Wastewater 2. Charge per 1,000 gallons of wastewater discharge, use the following formula:	2012	\$3.77	\$3.77
	2013	3.93	3.93



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Non-Residential Sewer Service Charges			
	Effective July 1 of:	1	2
0.857 + 0.143(SSm/200) multiplied by applicable rate	2014	4.08	4.08
	2015	4.29	4.29
	2016	4.63	4.63

Section 8. Ordinance material to be repealed is bracketed. New material is underscored except for Appendix 14-B which is a total replacement. When revising, compiling, or printing this ordinance for inclusion in the Revised Ordinance of Honolulu, the reviser of ordinances need not include the brackets, the bracketed materials, or the underscoring.



A BILL FOR AN ORDINANCE

Section 9. This ordinance shall take effect July 1, 2012.

INTRODUCED BY:

Ernest Martin (BR)

DATE OF INTRODUCTION:

January 23, 2012
Honolulu, Hawaii

Councilmembers

APPROVED AS TO FORM AND LEGALITY:

Deputy Corporation Counsel

APPROVED this _____ day of _____, 20 _____.

PETER B. CARLISLE, Mayor
City and County of Honolulu