

WATER AGENCY  
ORDINANCE NO.89 ZONES  
ORDINANCE NO. \_\_

AN ORDINANCE OF THE BOARD OF DIRECTORS OF THE SONOMA COUNTY WATER AGENCY, STATE OF CALIFORNIA, SETTING SEWER SERVICE CHARGES, ON BEHALF OF AGENCY SANITATION ZONES AIRPORT-LARKFIELD-WIKIUP, GEYSERVILLE, PENNGROVE, AND SEA RANCH, CALLING FOR COLLECTION ON THE TAX ROLL FOR ALL ZONES FOR FISCAL YEAR 2019/2020, AND MAKING FINDINGS AND DETERMINATION OF EXEMPTION PURSUANT TO THE CALIFORNIA ENVIRONMENTAL QUALITY ACT. (2/3 VOTE REQUIRED).

The Board of Directors of the Sonoma County Water Agency (Sonoma Water), State of California, ordains as follows:

SECTION I

Section VII of Ordinance No. 16 is hereby amended to read:

“Annual Service Charge” is defined as a charge for use of the sewer system for a period of one year to each user and based on the estimated or actual usage of the sewer system. The annual service charge is based on the estimated annual cost of operating, maintaining, and replacing the sewer system, as submitted and approved by Sonoma Water’s Board of Directors each year. Annual service charges shall be based on an Equivalent Single Family Dwelling Unit (ESD) as defined in Section 2.01 of Ordinance No. 15 of Sonoma Water and as calculated by the same methodology for connection fees set forth by Section VIII of Ordinance No. 16.

Annual service charges per ESD on properties within the boundaries established as Sonoma Water Sanitation Zones, set forth in the following table, are hereby prescribed and established effective July 1, 2019:

AGENCY’S ANNUAL CHARGES

<u>AGENCY SANITATION ZONE</u>	<u>ANNUAL SERVICE CHARGE</u>
Airport-Larkfield-Wikiup	\$979/ESD
Geyserville	\$1,099/ESD
Penngrove	\$1,543/ESD
Sea Ranch	\$1,200/ESD

SECTION II

Exhibit “A” of Ordinance 16 is hereby replaced by the attached Exhibit “A.”

SECTION III

Sonoma Water does hereby elect, pursuant to Section 5473 of the Health and Safety Code of the State of California to have the sewer service charge for fiscal year 2019/2020 established by said Agency, collected on the tax roll of the County of Sonoma, State of California, in the manner provided pursuant to Sections 5471 through 5473.11 of the Health and Safety Code of the State of California.

SECTION IV

The Board hereby finds that the California Environmental Quality Act does not apply to the establishment of charges pursuant to this Ordinance, as such fees are for the purpose of meeting operations expenses, meeting financial reserve needs and requirements, and setting aside funds for capital projects necessary to maintain service within the existing Zones (15273 California Code of Regulations, 21080 Public Resources Code).

SECTION V

If any section, subsection, sentence, clause, or phrase of this Ordinance is for any reason held to be unconstitutional and invalid, such decision shall not affect the validity of the remaining portion of this Ordinance. The Board of Directors hereby declares that it would have passed this Ordinance and every section, subsection, sentence, clause, or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses, or phrases be declared unconstitutional or invalid.

SECTION VI - SERVICE CHARGES

When the determination of connection fees or annual service charges in accordance with Exhibit A for a user is not addressed by an existing Use Category set forth in Exhibit A, the General Manager or his/her designee may instead reasonably make an independent calculation of the ESDs for the Customer. In making such a calculation, the General Manager or his/her designee may rely on one or more of the following resources to make an independent calculation for the user: (1) the use in Exhibit A that most closely matches the proposed use, (2) federal and state standard estimated wastewater flows for onsite or private wastewater treatment or disposal systems, (3) flow and strength factors published in rate studies conducted by other public entities in Sonoma County, (4) if applicable, data provided by the equipment manufacturer; or (5) other published and peer reviewed data.

SECTION VII

This Ordinance shall be and the same is hereby declared to be in full force and effect from and after thirty (30) days after the date of its passage and shall be published once before the expiration of fifteen (15) days after said passage, with the names of the Directors voting for or against the same, in a newspaper of general circulation, published in the County of Sonoma, State of California, and Sonoma Water's Clerk of the Board shall post in the office of Sonoma Water's Clerk, a certified copy of the full text of this Ordinance along with the names of those Directors voting for or against the Ordinance.

In regular session of the Board of Directors of the Sonoma County Water Agency, State of California, introduced, passed, and adopted after hearing this 21st day of May 2019, on regular roll call of the members of said Board by the following vote:

DIRECTORS:

GORIN: \_\_\_\_\_ ZANE: \_\_\_\_\_ GORE: \_\_\_\_\_ HOPKINS: \_\_\_\_\_ RABBITT: \_\_\_\_\_

Ayes \_\_\_\_\_ Noes \_\_\_\_\_ Absent \_\_\_\_\_ Abstain \_\_\_\_\_

WHEREUPON, the Chair declared the above and foregoing ordinance duly adopted and

SO ORDERED.

By: \_\_\_\_\_  
Chair, Board of Directors  
County of Sonoma, State of California

ATTEST:  
By: \_\_\_\_\_  
Clerk of the Board

# EXHIBIT A

## EQUIVALENT SINGLE-FAMILY DWELLING BILLING UNIT FOR AIRPORT SANITATION ZONE

Use Category		Billing Basis			2019-2020	
		Flow gallons	BOD mg/l	TSS mg/l	Use	ESD
<b>Residential</b>						
	Single-Family	280	200	200	connections	1.00
	Condominium	280	200	200	dwelling units	1.00
	Multiple-Family	224	200	200	dwelling units	0.80
	Mobile home park	224	200	200	spaces	0.80
	Mobile home (Individual)	224	200	200	units	0.80
	Granny unit	224	200	200	unit	0.80
<b>Commercial</b>						
	Appliance repair	190	200	200	1,000 sq. ft.	0.68
	Art gallery	190	200	200	1,000 sq. ft.	0.68
	Auto dealers					
	With service facilities	190	180	280	connection	0.75
	Without service facilities	38	180	280	add per service bay	0.15
	Without service facilities	190	200	200	connection	0.68
	Bakery	190	1000	600	1,000 sq. ft.	2.02
	Butcher				see note 1 below	
	Banks & financial institutions	190	130	80	1,000 sq. ft.	0.47
	Barber shop	19	130	80	chair	0.05
	Beauty shop	38	130	80	chair	0.09
	Bars & taverns	20	200	200	seat	0.07
	Car washes, self service	190	20	150	stall	0.42
	Camp ground or RV park					
	with hookups	125	200	200	site	0.45
	without hookups	75	200	200	site	0.27
	Churches, hall & lodges	2	200	200	seat	0.01
	Coffee shops	6	1000	600	seats	0.06
	Dry cleaners	285	150	110	1,000 sq. ft.	0.78
	Fire stations	190	200	200	1,000 sq. ft.	0.68
	Garages	95	180	280	service bays	0.37
	Hospitals					
	Convalescent	125	250	100	beds	0.41
	General	175	250	100	beds	0.57
	Veterinarian	6	250	100	cages	0.02
	Hotels/motels	100	310	120	sleeping rooms	0.37
	Laundromats	500	150	110	washing machines	1.37
	Library	190	200	200	1,000 sq. ft.	0.68
	Machine shops	152	180	280	1,000 sq. ft.	0.60
	Markets	38	800	800	1,000 sq. ft.	0.40
	Offices					
	Business	76	130	80	1,000 sq. ft.	0.19
	Dental	190	130	80	Exam. room	0.47
	Medical	190	130	80	Exam. room	0.47
	Post office	190	130	80	1,000 sq. ft.	0.47
	Resort				calc per ESD	
	Restaurants					
	Dine-in					
	With DW & garbage disp.	6	1000	600	seat	0.06
	With DW or garbage disp.	6	619	371	seat	0.04
	Without DW & garbage disp.	6	238	143	seat	0.02
	Take-out	475	238	143	1,000 sq. ft.	1.64
	Rest homes	125	250	100	beds	0.41
	Retail stores	38	150	150	1,000 sq. ft.	0.11
	Schools					
	Elementary	9	130	100	per student day	0.02
	High	14	130	100	per student day	0.04
	Service stations	380	180	280	set of gas pumps	1.49
		38	180	280	add per service bay	0.15
	Shoe repair	190	200	200	1,000 sq. ft.	0.68
	Theaters	2	200	200	seat	0.01
	Warehouse				see note 1 below	
	Other Uses Not Listed				see note 1 below	
<b>Industrial</b>						
					see note 1 below	

ALL COMMERCIAL ESDs TO BE DETERMINED BY THE GENERAL MANAGER USING THE FOLLOWING FORMULA:  

$$ESD = ( TSS \times FLOW \times 0.33 ) / ( SFD \ TSS \times SFD \ FLOW ) + ( BOD \times FLOW \times 0.33 ) / ( SFD \ BOD \times SFD \ FLOW ) + ( FLOW \times ( 0.34 / SFD \ FLOW ) )$$

Note 1: Use to be calculated on a case by case basis using the above formula

Definitions      Flow = Gallons per Day  
                       BOD = Biological Oxygen Demand      DW = dishwasher

# EXHIBIT A

## EQUIVALENT SINGLE-FAMILY DWELLING BILLING UNIT FOR GEYSERVILLE SANITATION ZONE

Use Category		Billing Basis			2019-2020	
		Flow	BOD	TSS	Use	ESD
		gallons	mg/l	mg/l		
<b>Residential</b>						
	Single-Family	200	315	315	connections	1.00
	Condominium	200	315	315	dwelling units	1.00
	Multiple-Family	160	315	315	dwelling units	0.80
	Mobile home park	160	315	315	spaces	0.80
	Mobile home (Individual)	160	315	315	units	0.80
	Granny unit	160	315	315	unit	0.80
<b>Commercial</b>						
	Appliance repair	190	200	200	1,000 sq. ft.	0.72
	Art gallery	190	200	200	1,000 sq. ft.	0.72
	Auto dealers					
	With service facilities	190	180	280	connection	0.78
	Without service facilities	38	180	280	add per service bay	0.16
	Without service facilities	190	200	200	connection	0.72
	Bakery	190	1000	600	1,000 sq. ft.	1.92
	Butcher				see note 1 below	
	Banks & financial institutions	190	130	80	1,000 sq. ft.	0.53
	Barber shop	19	130	80	chair	0.05
	Beauty shop	38	130	80	chair	0.11
	Bars & taverns	20	200	200	seat	0.08
	Car washes, self service	190	20	150	stall	0.49
	Camp ground or RV park					
	with hookups	125	200	200	site	0.47
	without hookups	75	200	200	site	0.28
	Churches, hall & lodges	2	200	200	seat	0.01
	Coffee shops	6	1000	600	seats	0.06
	Dry cleaners	285	150	110	1,000 sq. ft.	0.87
	Fire stations	190	200	200	1,000 sq. ft.	0.72
	Garages	95	180	280	service bays	0.39
	Hospitals					
	Convalescent	125	250	100	beds	0.44
	General	175	250	100	beds	0.62
	Veterinarian	6	250	100	cages	0.02
	Hotels/motels	100	310	120	sleeping rooms	0.40
	Laundromats	500	150	110	washing machines	1.53
	Library	190	200	200	1,000 sq. ft.	0.72
	Machine shops	152	180	280	1,000 sq. ft.	0.62
	Markets	38	800	800	1,000 sq. ft.	0.38
	Offices					
	Business	76	130	80	1,000 sq. ft.	0.21
	Dental	190	130	80	Exam. room	0.53
	Medical	190	130	80	Exam. room	0.53
	Post office	190	130	80	1,000 sq. ft.	0.53
	Resort				calc per ESD	
	Restaurants					
	Dine-in					
	With DW & garbage disp.	6	1000	600	seat	0.06
	With DW or garbage disp.	6	619	371	seat	0.04
	Without DW & garbage disp.	6	238	143	seat	0.02
	Take-out	475	238	143	1,000 sq. ft.	1.76
	Rest homes	125	250	100	beds	0.44
	Retail stores	38	150	150	1,000 sq. ft.	0.12
	Schools					
	Elementary	9	130	100	per student day	0.03
	High	14	130	100	per student day	0.04
	Service stations	380	180	280	set of gas pumps	1.56
		38	180	280	add per service bay	0.16
	Shoe repair	190	200	200	1,000 sq. ft.	0.72
	Theaters	2	200	200	seat	0.01
	Warehouse				see note 1 below	
	Others as determined by the Engr.				see note 1 below	

ALL COMMERCIAL ESDs TO BE DETERMINED BY THE GENERAL MANAGER USING THE FOLLOWING FORMULA:  

$$ESD = ( TSS \times FLOW \times 0.33 ) / ( SFD \ TSS \times SFD \ FLOW ) + ( BOD \times FLOW \times 0.33 ) / ( SFD \ BOD \times SFD \ FLOW ) + ( FLOW \times ( 0.34 / SFD \ FLOW ) )$$

Note 1: Use to be calculated on a case by case basis using the above formula	
Definitions	Flow = Gallons per Day
	BOD = Biological Oxygen Demand
	DW = dishwasher
	ESD = Equivalent Single Family Dwelling
	disp. = disposal

# EXHIBIT A

## EQUIVALENT SINGLE-FAMILY DWELLING BILLING UNIT FOR PENNGROVE SANITATION ZONE

Use Category		Billing Basis			2019-2020	
		Flow	BOD	TSS	Use	ESD
		gallons	mg/l	mg/l		
<b>Residential</b>						
	Single-Family	180	305	305	connections	1.00
	Condominium	180	305	305	dwelling units	1.00
	Multiple-Family	144	305	305	dwelling units	0.80
	Mobile home park	144	305	305	spaces	0.80
	Mobile home (Individual)	144	305	305	units	0.80
	Granny unit	144	305	305	unit	0.80
<b>Commercial</b>						
	Appliance repair	190	200	200	1,000 sq. ft.	0.82
	Art gallery	190	200	200	1,000 sq. ft.	0.82
	Auto dealers					
	With service facilities	190	180	280	connection	0.88
	Without service facilities	38	180	280	add per service bay	0.18
	Without service facilities	190	200	200	connection	0.82
	Bakery	190	1000	600	1,000 sq. ft.	2.19
	Butcher				see note 1 below	
	Banks & financial institutions	190	130	80	1,000 sq. ft.	0.60
	Barber shop	19	130	80	chair	0.06
	Beauty shop	38	130	80	chair	0.12
	Bars & taverns	20	200	200	seat	0.09
	Car washes, self service	190	20	150	stall	0.55
	Camp ground or RV park					
	with hookups	125	200	200	site	0.54
	without hookups	75	200	200	site	0.32
	Churches, hall & lodges	2	200	200	seat	0.01
	Coffee shops	6	1000	600	seats	0.07
	Dry cleaners	285	150	110	1,000 sq. ft.	0.98
	Fire stations	190	200	200	1,000 sq. ft.	0.82
	Garages	95	180	280	service bays	0.44
	Hospitals					
	Convalescent	125	250	100	beds	0.50
	General	175	250	100	beds	0.70
	Veterinarian	6	250	100	cages	0.02
	Hotels/motels	100	310	120	sleeping rooms	0.45
	Laundromats	500	150	110	washing machines	1.73
	Library	190	200	200	1,000 sq. ft.	0.82
	Machine shops	152	180	280	1,000 sq. ft.	0.71
	Markets	38	800	800	1,000 sq. ft.	0.44
	Offices					
	Business	76	130	80	1,000 sq. ft.	0.24
	Dental	190	130	80	Exam. room	0.60
	Medical	190	130	80	Exam. room	0.60
	Post office	190	130	80	1,000 sq. ft.	0.60
	Resort				calc per ESD	
	Restaurants					
	Dine-in					
	With DW & garbage disp.	6	1000	600	seat	0.07
	With DW or garbage disp.	6	619	371	seat	0.05
	Without DW & garbage disp.	6	238	143	seat	0.03
	Take-out	475	238	143	1,000 sq. ft.	1.99
	Rest homes	125	250	100	beds	0.50
	Retail stores	38	150	150	1,000 sq. ft.	0.14
	Schools					
	Elementary	9	130	100	per student day	0.03
	High	14	130	100	per student day	0.05
	Service stations	380	180	280	set of gas pumps	1.77
		38	180	280	add per service bay	0.18
	Shoe repair	190	200	200	1,000 sq. ft.	0.82
	Theaters	2	200	200	seat	0.01
	Warehouse				see note 1 below	
	Others as determined by the Engr.				see note 1 below	
<b>ALL COMMERCIAL ESDs TO BE DETERMINED BY THE GENERAL MANAGER USING THE FOLLOWING FORMULA:</b> $ESD = ( TSS \times FLOW \times 0.33 ) / ( SFD \ TSS \times SFD \ FLOW ) + ( BOD \times FLOW \times 0.33 ) / ( SFD \ BOD \times SFD \ FLOW ) + ( FLOW \times ( 0.34 / SFD \ FLOW ) )$						
Note 1: Use to be calculated on a case by case basis using the above formula						
Definitions						
	Flow = Gallons per Day					
	BOD = Biological Oxygen Demand		DW = dishwasher			
	ESD = Equivalent Single Family Dwelling		disp. = disposal			

# EXHIBIT A

## EQUIVALENT SINGLE-FAMILY DWELLING BILLING UNIT FOR SEA RANCH SANITATION ZONE

Use Category		Billing Basis			2019-2020	
		Flow gallons	BOD mg/l	TSS mg/l	Use	ESD
<b>Residential</b>						
	Single-Family	200			connections	<b>1.0</b>
<b>Commercial</b>					see note 1 below	
ALL COMMERCIAL ESDs TO BE DETERMINED BY THE GENERAL MANAGER USING THE FOLLOWING FORMULA: $ESD = ( TSS \times FLOW \times 0.33 ) / ( SFD \ TSS \times SFD \ FLOW ) + ( BOD \times FLOW \times 0.33 ) / ( SFD \ BOD \times SFD \ FLOW ) + ( FLOW \times ( 0.34 / SFD \ FLOW ) )$						
Note 1: Use to be calculated on a case by case basis using the above formula						
Definitions	Flow = Gallons per Day		DW = dishwasher			
	BOD = Biological Oxygen Demand		disp. = disposal			
	ESD = Equivalent Single Family Dwelling					