



# COMMERCIAL FLOW CALCULATION FORM

BUSINESS/FACILITY NAME: \_\_\_\_\_ JOB NUMBER: \_\_\_\_\_  
 SITE ADDRESS: \_\_\_\_\_  
 \_\_\_\_\_

## FLOW CALCULATION

### Sewage Flow Value (Table 1 and 2, 5.28.020 District Code)

Select the type(s) of establishment that best describes the business(es). When there is more than one, select each one represented. Round to the nearest tenth.

_____	_____	x	_____	=	_____	ERU
Type of Establishment	Units		Flow Value		Flow	
_____	_____	x	_____	=	_____	ERU
Type of Establishment	Units		Flow Value		Flow	
_____	_____	x	_____	=	_____	ERU
Type of Establishment	Units		Flow Value		Flow	

Yes  No The facility(s) will discharge Industrial or process wastewater? If yes, enter the amount of wastewater to be discharged or, if not known, the volume of water consumption:

\_\_\_\_\_ GPD x 1 ERU/200 GPD = \_\_\_\_\_ ERU  
 Wastewater

**TOTAL FLOW:** \_\_\_\_\_ ERU

## CONNECTION FEE

**System Development Charges (SDC)**  
 Effective 1/1/2023

- Tier 1 = \$3,154.00/ERU
- Tier 2 = \$6,381.00/ERU
- Tier 3 = \$9,450.00/ERU
- Tier 4 = \$6,381.00/ERU

Go on-line at [www.crrwd.com/rates](http://www.crrwd.com/rates)  
 or Contact Development Services  
 for information regarding SDC Tiers  
 (360) 750-5876

All Fees are subject to change by Commissioner Resolution.

\_\_\_\_\_ (ERU) x \_\_\_\_\_ (\$/ERU) = \$ \_\_\_\_\_  
 Total Flow SDC  
 Permit Fee: \$ \_\_\_\_\_

**TOTAL AMOUNT DUE:** \$ \_\_\_\_\_

Local facility and latecomer reimbursement charges may apply. Contact Development Services for information. The permit fee for new commercial construction is \$140.00/building.

The minimum flow for shell buildings is 1 ERU.

### Definitions:

- FTE = Full time equivalent (students and staff)
- GPD = Gallons per Day
- ERU = Equivalent Residential Unit (200 GPD)
- DC = District Code

## CERTIFICATION STATEMENT

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- Owner is responsible for paying all applicable fees and charges prior to connection, including permit fee, connection charges and local facility charges.
- The minimum flow for shell buildings is 1 ERU.
- The District may inspect the property to confirm the flow values depicted above. Adjustments to flow values will be administered in accordance with District Code 5.28.020(I).
- Owner is responsible to comply with wastewater pretreatment requirements, Chapter 5.52 District Code, regulating discharge of pollutants, including fats, oils and grease, into the District sewer system.

I certify under penalty of law that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.

\_\_\_\_\_

Signature

\_\_\_\_\_

Date

\_\_\_\_\_

Printed Name

\_\_\_\_\_

Title

**COMMERCIAL FLOW CALCULATION FORM**  
**DAILY SEWAGE FLOW VALUES ACCORDING TO ESTABLISHMENT**  
**(Based on Maximum Potential Use)**

Type of Establishment	Flow value
Assembly hall, church, auditorium, theater or event facility With kitchen add	0.9000 ERU/100 people (occupancy) 0.6000 ERU per each kitchen
Assisted Living (with food service and private restrooms)	0.2500 ERU/bed
Athletic, health and racket club 0-100 members (no pool) 0-100 members (w/pool) add Over 100 members (must be metered)	0.0833 ERU/employee 0.0333 ERU/member See swimming pool factor Actual flow converted to ERUs
Beauty salon/barber Operators (full-time 6+ hours/day)	0.1000 ERU/FTE
Clinic, outpatient	0.1000 ERU/employee
Daycare facility - Part-time only Full-time	0.0167 ERU/person 0.0333 ERU/person
Educational facilities (non-residential) Elementary, middle and high school College and university	Full-time equivalent (FTE=student + staff) 0.0313 ERU/FTE 0.0345 ERU/FTE
Fitness studio	0.0313 ERU/FTE (FTE=student + staff)
Hospital Laundry waste add	0.5882 ERU/bed 0.1379 ERU/bed
Hotel, motel and resort Without kitchen With kitchen add With swimming pool add With event facility add	0.3333 ERU/room 0.0500 ERU/room Swimming pool factor (below) 0.9000 ERU/100 people (occupancy)
Industrial (excluding industrial waste) No showers (each shift) With showers add With cafeteria add Drivers/Field personnel (1)	0.0833 ERU/employee 0.0333 ERU/employee 0.0167 ERU/employee 0.0200 ERU/employee
Industrial waste (must be metered)	Actual flow converted to ERUs
Kiosk - Drive-thru facility Sink only With restroom add	0.2000 ERU 0.5000 ERU
Nursing/rest home (long-term/full-time care)	0.4348 ERU/bed
Office	0.0833 ERU/employee
Public restroom/park	1.0000 ERU

**DAILY SEWAGE FLOW VALUES ACCORDING TO ESTABLISHMENT  
(Based on Maximum Potential Use)**

Restaurant Customer seating (inside only) Quality restaurant (as determined by the respective local government with land use authority)	0.0833 ERU/seat 0.0575 ERU/seat
Recreational vehicle dump	1.0000 ERU
Store (with no public restroom) With public restroom use With grocery stores add With retail food services add	0.0833 ERU/employee 0.0833 ERU/1,000 sq. ft. floor 0.0833 ERU/1,000 sq. ft. floor 0.0833 ERU/seat
Swimming pool Residential or commercial *Indoor *Outdoor	30 people/ERU x ((A-S)/30 + (S/25)) 30 people/ERU x ((A-S)/30 + (S/15))*0.3 *A = total pool surface area (ft.2) *S = areas less than 5 ft. deep (ft.2)
Veterinarian clinic With grooming services add With boarding add	0.1000 ERU/employee 0.1667 ERU/stall (tubs) 0.0167 ERU/stall (kennels)

All seating or occupancy is based on the fire district or building department seating. All flow values have been established based on a combination of Unified Plumbing Code, Washington Department of Ecology Criteria, International Conference of Building Officials, and current established uses.