

## San Antonio Water System Infrastructure Planning Equivalent Dwelling Unit (EDU) Calculation Sheet

Subdivision Name:	Plat I.D. #
The estimated Average Sewer Flows or Equivalent Dwelling Units that are shown on the SAWS I Plat Review has been calculated by one of the following methods:  Equivalent Dwelling Units (EDU) calculation sheet.	nfrastructure Planning Application for Subdivision
	anth data also submitted for review
Engineering Study using actual consumption data from similar facilities based on twelve m	onin data also submitted for review.
<ul> <li>Calculate estimated sewer discharge utilizing accepted SAWS referenced material.</li> <li>Unknown land use will be calculated at four (4) EDU's per acre.</li> </ul>	
SAWS has established recommended guidelines to be employed for future discharge calculati numbers shown, for each type of development, are based on flow rate table measurements Practice, EPA Technology Transfer Manuals, Uniform Plumbing Code fixture unit count and ot these guidelines to calculate average daily flows or EDU's.	from TCEQ regulations, ASCE Manuals on Engineer
SAWS will accept sewage flow calculations for any proposed development which is derived t flows for similar facilities in lieu of the above criteria to determine the total estimated average undersigned acknowledges that these EDU calculations represent the intended use of the plat.	hrough an engineering study of actual measured set daily flow or EDU's for the proposed development.
<u>Types of Development:</u> Identify <u>all types of development that will be part of the propose for each to calculate as Estimated Average Daily Flow (EADF) or Equivalent Dwelling Unit day as average sewage flow and 290 gallons per day for average water flow. (Circle type of the content of the propose of the propose for each to calculate as Estimated Average Daily Flow (EADF) or Equivalent Dwelling Unit day as average sewage flow and 290 gallons per day for average water flow.</u>	s (EDU's). Note: One (1) EDU equals 200 gallons
Single Family Homes (1 EDU/Lot) [ ] Manufactured Homes (1 EDU/Pad) [ ] Number Lots _	Number Pads EADF or EDU's
Apartments [ ] Duplexes [ ] Town Homes [ ] Condominiums [ ] (0.5 EDU/Unit) Total N	Number of Units EADF or EDU's
Schools: Elementary [ ] (5 gal/student) [ ] Middle (8 gal/student) [ ] High School (10 gal/student)	
Number of Students Number of Faculty & Staff	EADF or EDU's
<u>Hotel</u> [ ] (100 gal/room) <u>Motel</u> [ ] (50 gal/room) Number of Rooms Number of Staff _	Swimming Pool EADF or EDU's
Hospital (250 gal/bed) [ ] Nursing Home (100 gal/bed) [ ] other Number of Beds	Number of Staff EADF or EDU's
Commercial [ ] Industrial [ ] TBDBE Type of Product Water Consumption	
Number of Employees Number of Fixtures	EADF or EDU's
(Contact SAWS Wastewater Compliance Division if a portion of the flow is indus	trial wastewater. Phone 233-3557)
Office Building [ ] (0.035 gal/sf) Building Square Footage Number of employees	S EADF or EDU'S
Storage [ ] Climate Control (1 EDU) [ ] Office Space less than 2,500 Sq. Ft. (1 EDU)	EADF or EDU's
Warehouse Building Office Space Sq. Ft (0.07 gal/sf) Storage Space Sq. Ft	(0.007 gal/sf)
Number of Employees (25 gal/employee)	EADF or EDU's
Medical Building [ ] (0.15 gal/sf) Building Square Footage Number of employees	EADF or EDU's
Restaurant [ ] Cafeteria [ ] (20 gal/seat) Number of Seats Business Hours	EADF or EDU's
Fast Food [ ] (5 EDU's per facility) Type of Food Served	EADF or EDU's
Health Club [ ] Recreational Facility [ ] TBDBE Building Square Footage	
Swimming Pool Size Seats in Snack Bar Number of Restrooms Num	•
Department Store/Retail Store (0.07 gal/sf) Type of Store Building Sq. Ft	
Number of Employees (25 gpd/employee) Number of Customers per day (5 gpd/	· · · · · · · · · · · · · · · · · · ·
<u>Grocery Store</u> [ ] <u>Food Store</u> [ ] <u>Convenience Stores</u> [ ] <u>TBDBE</u> Building Square Foota	
Business Hours Number of Customer Fuel Service	EADF or EDU's
<u>Laundries</u> Number of Machines (200 gal/machine) Business Hours	EADF or EDU's
<u>Churches</u> [ ] <u>Auditoriums</u> [ ] Seating Capacity (5 gal/seat) Number Rest Rooms	Number of Fixtures EADF or EDU's
<u>Car Wash</u> [ ] <u>TBDBE</u> [ ] Number of Bays (1.5 EDU's per Bay) Number Cars per Day	EADF or EDU's
Automated Car Wash [ ] TBDBE Gal per wash Effluent discharged per wash	Number Cars per Day
(Specifications Required)	EADF or EDU's
Service stations [ ]1 EDU Gas Station [ ]2 EDU's Grocery/Takeout Food [ ]15 EDU's C	Car Wash EADF or EDU's
Theatre (1.5 gal/seat) Number of seats Number of Employees	EADF or EDU's
Other Type of Development Proposed Land Use Building Square Footage	Number of Employees
Number of Customers Number of seats Number of Fixtures Bus	* *
<u>Calculation work space</u> : (Please type or print in ink). <b>Calculation sheet must be sign</b>	
if other form of calculation not shown on this sheet is utilized.	
Additional Information:	
If additional space is needed add a separate sheet, on letterhead, and attach it to this shee	t at time of submittal. This form must be completel
filled out and submitted with an original signature. No other form will be accepted.	- a o. o. o
Applicant or Applicant's Agent Signature	Date