

EQUIVALENT RESIDENTIAL CONNECTION (ERC) TABLE

<u>FACILITY</u>	<u>PARAMETER</u>	<u>ERC</u>
Animal Clinic (humane societies, animal research, boarding etc).		
Animal Holding Areas.....	17 f.u.	1
Animal Runs.....	34 f.u.	1
Archery (6 feet/lane).....	6 lanes	1
Arenas (bleachers 18 inches/person).....	110 seats	1
Auditoriums (7 square feet/person).....	110 seats	1
Automobile Service		
Car Dealership (charge for office, retail, etc. at established rates)		
Fast Service (# service bays x 30%).....	2 service bays	1
Major Service		
(# service bays @ 70% x 1 employee/bay).....	14 employees	1
Fast Service (less than 4 hours per car).....	2 service bays	1
Major Service (more than 4 hours per car).....	14 employees	1
Ballroom (exclude dance floor)		
Facility without liquor service.....	825 sq. feet	1
Facility with liquor service.....	590 sq. feet	1
Bank (exclude cash vault).....	2,400 sq. feet	1
Banquet Room (15 square feet/person)		
Food Catered.....	2,060 sq. feet	1
Food Catered with Dishwashing.....	1,180 sq. feet	1
Food Catered with Liquor.....	1,028 sq. feet	1
Food Preparation & Dishwashing.....	825 sq. feet	1
Food Catered, Dishwashing & Liquor.....	750 sq. feet	1
Food Preparation, Dishwashing & Liquor.....	590 sq. feet	1
Barber	4 chairs	1
Batting Cages (6 feet/lane)	6 lanes	1
Beauty Salon	4 cutting stations	1
Bingo Hall (used only for Bingo)	110 seats	1
Boarding House (dorm rooms).....	5 beds	1
Body Shop		
Major Service		
(more than 4 hours per car, no vehicle washing)..	14 employees	1
Bowling Alley (does not include bar or dining area).....	3 alleys	1

FACILITY	PARAMETER	ERC
Camps (# gallons x occupant or site)		
Children's Camps (central toilet & bath; overnight, primitive cabins) (# occupants x 50 gallons /occupant).....	274 gallons	1
Day Camps (no meals) (# occupants x 10 gallons/occupant).....	274 gallons	1
Labor/Construction Camps (# occupants x 50 gallons/occupant).....	274 gallons	1
Resorts (housekeeping cabins) (# occupants x 60 gallons/occupant).....	274 gallons	1
Travel Trailer Parks - with water & sewer hookup (# sites x 100 gallons/site).....	274 gallons	1
Travel Trailer Parks - with central toilet & showers (# sites x 75 gallons/site).....	274 gallons	1
Travel Trailer Parks - sanitary dump (sites without hookup) (# sites x 10 gallons/site).....	274 gallons	1
Car Wash (contact the City Engineer's office for calculation)		
Catering (contact the City Engineer's office for calculation)		
Churches (for sanctuary, nave, chancel).....	275 seats	1
(7 square feet/person - seating area) - (remainder use other criteria)		
(sacristy, ambulatory - no charge)		
Cocktail Lounge (no food service).....	23 seats	1
Coffee Shop (no food service).....	23 seats	1
Correction Facility (prison).....	2.5 inmates	1
Court Rooms	1,650 sq. feet	1
Dorm Rooms - on/off campus students	5 students	1
(charge additional for classrooms)		
Daycare (number of children licensed for).....	14 children	1
Child/Adult Play Area (not licensed).....	490 sq. feet	1
Dry Cleaners (retail).....	3,000 sq. feet	1
Elderly Housing (100% of current ERC Rate)		
no washer/dryer each unit.....	3 people	1
washer/dryer each unit.....	2.5 people	1
*Three bedroom unit with washer/dryer (separate from formula below)		
(# of one bedroom units x 1.5 people/unit)		
+(# of two bedroom units x 2 people/unit)		
+ <u>(# of three bedroom units x 3 people/unit)</u>		
(total # of people)		

FACILITY	PARAMETER	ERC
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Exercise Area/Gym

(juice bars-no charge) (sauna & whirlpool).....	700 sq. feet	1
No Showers.....	2,060 sq. feet	1

Fire Station (charge for office, meeting rooms, etc. at established rates)

Full Time (overnight people) (75 gal/person).....	274 gallons	1
Volunteer (occasional overnight).....	14 people	1
Washing (hose tower, trunk).....	274 gallons	1

Funeral Home.....770 sq. feet 1

(charge viewing areas only-chapel, viewing areas, etc.)		
Apartment (1 apartment).....		1

Game Room (billiards, video & pinball games)

With Bar.....	590 sq. feet	1
Without Bar.....	2,060 sq. feet	1

Golf Course (if showers-use locker room criteria)

18 Hole.....		3
9 Hole-Par 3		2
Country Club (private)		
Dining Room (evenings & weekends).....	15 seats	1
Bar & Grill (bar and grill separate)		
Bar.....	23 seats	1
Grill.....	15 seats	1
Miniature.....		3

Golf Dome or Driving Range.....6 driving stations 1

Greenhouse

Area Not Open to Public.....	15,000 sq. feet	1
Area Open to Public.....	5,000 sq. feet	1
General Retail Area.....	3,000 sq. feet	1

Group Home

Primary Treatment (residents stay all day).....	3 beds	1
Secondary Treatment (residents leaving during the day).....	5 beds	1

Guest Rooms (apartment or condominium) (charge ERC as apartment)

Washer/Dryer.....	100% of current ERC rate	
No Washer/Dryer.....	80% of current ERC rate	
No Kitchen.....	50% of current ERC rate	

Handball and Racquetball Courts.....1 court 2

Hospitals (licensed beds or baby cribs).....1 bed 1

(does not include outpatient clinic)		
Outpatient Clinic (plumbing fixture units).....	17 f.u.	1
Sterilizers (4 hours x gpm x 60 minutes).....	274 gallons	1

FACILITY	PARAMETER	ERC
Hospitals continued...		
Vacuum Device (Dental office).....	274 gallons	1
(9 hours x gpm x 60 minutes)		
X-Ray Film Processors.....	274 gallons	1
(continuous operation 9 hours) (intermittent operation 4 hours)		
(operation time - (hrs) - x gpm x 60 minutes)		
Ice Arena		
Bleachers.....	110 seats	1
Showers (see LOCKER ROOMS)		
Team Rooms (plumbing fixture units).....	17 f.u.	1
Zamboni (if discharge going to sanitary sewer).....		4
Industrial (contact the City Engineer's office for calculation)		
Laundromat (requires water volume for cycle time, 8 cycles/day)...	274 gallons	1
Library (subtract book storage areas, file areas-charge common plumbing fixture units in public areas).....		
Meeting Rooms, Board Rooms, Reception, and	17 f.u.	1
Book Checkout Offices.....	2,400 sq. feet	1
Loading Dock	7,000 sq. feet	1
Locker Rooms (if showers - 20 gallons/person).....	14 lockers	1
Medical Clinic (see HOSPITALS, OUTPATIENT CLINIC)		
Meeting Rooms (conference rooms).....	1,650 sq. feet	1
Mini-Storage (storage area - no charge)		
Living Area.....		1
Public Restroom (plumbing fixtures).....	17 f.u.	1
Mobile Home		1
Motels & Hotels (assume 2 persons/room).....	2 rooms	1
(pools, saunas, jacuzzis, game rooms or exercise rooms used exclusively by guests - no charge)		
Breakfast only (complimentary).....	45 seats	1
Cocktail Hour (complimentary).....	55 seats	1
Kitchenettes (# kitchenettes x 10 gallons/day).....	274 gallons	1
Museum	2,400 sq. feet	1
Nursing Home	3 beds	

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Office

General Office (deduct mechanical rooms, elevator shafts, stairwells, restrooms and storage areas).....	2,400 sq. feet	1
Dental, Doctors - (See HOSPITAL)		

Police Station (charge as office)

Cells (overnight-jail).....	3 people	1
Cells (no overnight people-holding area).....	14 people	1

Recording/Filming Studios	7,000 sq. feet	1
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Residential (per dwelling unit)		1
(20% reduction for apartment units with no plumbing for laundry within each unit)		

Restaurant - Drive-in	9 parking spaces	1
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Restaurant - Fast Food	22 seats	1
(disposable paper plates, glasses & silverware)		

Restaurant - Full Service	8 seats	1
(washable silverware, glasses & silverware)		

Retail Stores (deduct mechanical rooms, elevator shafts, stairwells, restrooms, and unfinished storage areas).....	3,000 sq. feet	1
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Rifle Ranges (handgun ranges - 6 feet/lane).....	6 lanes	1
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Roller Rink (skating area).....	825 sq. feet	1
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Rooming Houses (no food service).....	7 beds	1
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RV Dumping Station (not in association with campgrounds).....		1
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Schools

College, TVI - 30 square feet/student.....	18 students	1
Lecture Halls - 15 square feet/student.....	18 students	1
Labs - 50 square feet/student.....	18 students	1
Dorm Rooms (on/off campus students)	5 students	1
Elementary (15 gallons/student) - 30 square feet/student.....	18 students	1
Nursery (number of children licensed for).....	14 students	1
Church (nursery-during worship service only)		
30 square feet/child.....	55 students	1
Nursery (health clubs, bowling alleys, etc.).....	2,400 sq. feet	1
Secondary (20 gallons/student) - 30 square feet/student.....	14 students	1
Labs - 50 square feet/student.....	14 students	1
Sunday - 30 square feet/student.....	55 students	1

FACILITY	PARAMETER	ERC
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Service Station

Car Wash (see CAR WASH)		
Convenience Center.....	3,000 sq. feet	1
Gas Pumping.....		1
Service Bays.....	2 bays	1

Swimming Pools (public - pool area).....	900 sq. feet	1
(private residential, townhouse, condominiums, hotels, motels, or apartments - no charge)		

Tanning Rooms	3,000 sq. feet	1
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Tennis Courts (public, shower facilities).....	1 court	2
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Theater	64 seats	1
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Theater (drive-in - parking spaces).....	55 spaces	1
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Vehicle Garages

Employees Stationed in Garage.....	14 employees	1
Vehicle Drivers (per day).....	28 drivers	1
Vehicle Washing (# vehicles/day x gpm x minutes/vehicle).....	274 gallons	1

Warehouse (assembly areas).....	7,000 sq. feet	1
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Warehouse/Office (speculative - must be reviewed on finishing permits)

Minimum 30% office.....	2,400 sq. feet	1
Maximum 70% warehouse.....	7,000 sq. feet	1

Whirlpool (doctors office/clinic, therapy)

(# gallons/fill x 8 fills/day).....	274 gallons	1
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Yard Storage Buildings (ex: lumber storage-customer pickup,

no permanent employees).....	15,000 sq. feet	1
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PLUMBING WASTE FIXTURE UNITS * (17 F.U. = 1 ERC)

<u>TYPE OF FIXTURE</u>	<u>FIXTURE UNIT VALVE (F.U.)</u>
Drinking Fountain	1
Floor Drain	
2 inch waste (only if hose bib included).....	2
3 inch waste (only if hose bib included).....	3
4 inch waste (only if hose bib included).....	4
Sinks	
janitor.....	4
kitchen, and others.....	2
lab in exam room, bathroom.....	1
surgeon.....	3
Trench Drain - per 6 foot section	2
Water Closet	6

* if not included in list, use plumbing code