



# 2022 SEWER CAPACITY EVALUATION

Department of Watershed Management

Email request to: [sewercapacity@dekalbcountyga.gov](mailto:sewercapacity@dekalbcountyga.gov)

**Project Name:**

**Dekalb County AP # (if applicable):**

**Type of Development:**

**Project Address:**

**Land Lot & Parcel ID:**

**Estimated Month Flow Begins:**  
(mm/yyyy)

**Replacing existing sewer customer?** Yes  No

If yes, see calculations notes.

**Total Peak Flow Requesting (gpd):**

**Sewershed:**

**Average Daily Flow Requesting (gpd):**

**Intended Tie-in Manhole ID:**  
See Additional Resources

**Developer/ Owner Information**

**Company Name:**

**Address:**

**Contact Name:**

**City, State, Zip Code:**

**Phone Number**

**Email Address:**

**Engineer Information (if applicable)**

**Company Name:**

**Address:**

**Contact Name:**

**City, State, Zip Code:**

**Phone Number**

**Email Address:**

**Please include the following items in your submittal package if applicable:**

- Proposed Peak and Average Daily Flow **Calculation** based on attached guidelines (See Appendix - A)
- Detailed information about building use type(s) and unit counts for both proposed and existing uses, if applicable
- Requested flows greater than 500 GPD average daily flow should be sealed by a Professional Engineer
- If a new physical connection to the sewer is being proposed Geographical Information System (GIS) map clearly showing the proposed site(s) surrounding areas, and utilities. (See Page 3 for map request form)
- Proposed utility or site plan, if available
- Essential Services & Community Enhancement screener (optional - See Appendix B)

**Name:**

**Date:**

**Signed:**

**Seal:** (if signed by Professional Engineer)

Fill out all highlighted fields, sign form (electronically or scanned) and email to: [sewercapacity@dekalbcountyga.gov](mailto:sewercapacity@dekalbcountyga.gov)

**Additional Resources:**

Water & sewer map request (manhole ID): <https://survey123.arcgis.com/share/c496b791b4cd497994fb38da543444f1>

Watershed GIS requests: [dwm\\_gis@dekalbcountyga.gov](mailto:dwm_gis@dekalbcountyga.gov)

Capacity Assurance Program: <https://www.dekalbcountyga.gov/watershed-management/capacity-assurance-program>

Watershed Planning Docs: <https://www.dekalbcountyga.gov/planning-and-sustainability/watershed-guides-checklists-and-calendars>

**Appendix - A (Revised 01/01/2020)**

Table 1: Sanitary Flow Contributions from Site Specific Sources

CONTRIBUTOR	UNIT	DESIGN AVG DAILY FLOW (GPD)
Barber Shop	Per Station	20
Carwash (Automatic)	Per Unit	166
Carwash (Self Service)	Per Bay	100
Church (NOT including food or day schools)	Per 1,000 sf	30
Coffee Shop/Deli/Fast Food	Per 1,000 sf	450
Coin Laundromats	Per Washing Machine	400
Commercial Laundromats	Per Washing Machine	640
Daycare	Per 1,000 sf	150
Dentist	Per dental chair	120
Full-Service Restaurant/Bar/Caterer	Per 1,000 sf	550
Gym/Dance Studio (w/o shower)	Per 1,000 sf	65
Gym/Dance Studio (w/showers)	Per person	20
Hair Salon	Per Shampoo Bowl/Chair	150
Hospitals	Per bed	200
Motel/Hotel	Per room	100
Nail Salon	Per pedicure chair	50
Nursing Home/Assisted Living	Per bed	125
Offices	Per 1,000 sf	110
Police/Fire Station	Per 1,000 sf	100
Residence (Single family/Apts/Condo, etc.)	Per residence	185
Retail/Shopping Center/Mercantile	Per 1,000 sf	100
School	Per student	16
School - w/gymnasium	Per student	20
Service Station/Convenience Store	Per 1,000 sf	100
Theater/Museum/Auditorium/Amusement	Per 1,000 sf	65
Warehouse/Industrial	Per 1,000 sf	25

**GPD = gallons per day**

Example Calculation – 1 house\* 185 gpd = 185 gpd average daily flow

185 gpd \* 2.5 (peaking factor) = 462.5 gpd peak daily flow

**CALCULATIONS NOTES:**

- Current, existing flow (since 01/2019) that is being replaced (previous use, demolished buildings, etc.) are subtracted from the flow request for both average and peak daily flow.
- Include information about the units in calculations.
- Your peak daily flow should be 2.5 times the average daily flow, per the peaking factor of 2.5

Simple calculations:

**Appendix – B**

**Essential Services & Community Enhancement Screener (optional)**

If we are unable to certify sewer capacity through wastewater modeling, some projects are eligible for special considerations in the Capacity Assurance Program. If you wish to be considered through these programs, please indicate if your project fits any of the below categories with a checkmark and provide documentation to [sewercapacity@dekalbcountyga.gov](mailto:sewercapacity@dekalbcountyga.gov).

**Essential Services:**

- Healthcare facility
- Public safety facility
- Public school
- Connection of existing untreated wastewater discharge (e.g. failing septic system) to the County wastewater system

**Community Enhancing Projects:**

- Low-income housing which qualifies for U.S. Department of Housing and Urban Development (HUD) subsidies
- Qualifies for the U.S. Dept. of Treasury New Markets Tax Credit Program e.g. grocery stores in food deserts
- Government building or facility
- Project which has funding participation from federal, state, or local government
- Provides community enhancement and which is in an Economic Opportunity Zone

<b>Supporting Information for Essential Services or Community Enhancement Project Designation:</b>

**Internal Use only:**

**Date reviewed and accepted:**

**Signed:**

**Received by:**