

Town of Chesterfield Benchmarking Report

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Number of properties in report: 4

Portfolio Manager Property ID	Property Name	Year Ending	ENERGY STAR Score	Site EUI (kBtu/ft ²)	Source EUI (kBtu/ft ²)	Direct GHG Emissions (Metric Tons CO ₂ e)
30755028	Chesterfield TCWD Water Treatment Plant	12/31/2022	Not Available	314.2	623.1	40.5
30755028	Chesterfield TCWD Water Treatment Plant	12/31/2023	Not Available	303.4	651.8	31.2
30757236	Chesterfield Town Hall	12/31/2022	Not Available	78	110.5	9.3
30757236	Chesterfield Town Hall	12/31/2023	Not Available	72.3	102	8.6
30757240	Chesterfield Highway Garage	12/31/2022	Not Available	71	93.1	32.6
30757240	Chesterfield Highway Garage	12/31/2023	Not Available	60.4	83	26.6
30861525	Chesterfield PKWD Water Treatment Plant	12/31/2022	Not Available	80.5	112.8	11.7
30861525	Chesterfield PKWD Water Treatment Plant	12/31/2023	Not Available	72.1	104.1	10.2

Energy Use Index (EUI) = Energy Use divided by the property square foot

Site Energy = The annual amount of all the energy the property consumes on-site, as reported on utility bills

Source Energy = The total amount of all the raw fuel required to operate the property, including losses that take place during generation, transmission, and distribution of the energy

ENERGY STAR Score = measure of how well the property is performing relative to similar properties, when normalized for climate and operational characteristics. The 1-100 scale is set so that 1 represents the worst performing buildings and 100 represents the best performing buildings. A score of 50 indicates that a building is performing at the national median, taking into account its size, location, and operating parameters. A score of 75 indicates that a property is performing in the 75th percentile and may be eligible to earn ENERGY STAR Certification.

Greenhouse Gas (GHG) Emissions = The carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O) gases released into the atmosphere as a result of energy consumption at the property; expressed in carbon dioxide equivalent (CO₂e), a universal unit of measure that combines the quantity and global warming potential of each greenhouse gas, and reported as a value in metric tons (Metric Tons CO₂e)