

Operation of Wastewater Treatment Plants and Their Collection Systems

The Department of Wastewater Treatment/Disposal operates ten (10) wastewater treatment plants and their respective collection systems. Our largest wastewater treatment plant, Ballenger-McKinney, is staffed 24 hours per day, every day of the year. Our smaller wastewater treatment plants are visited every day, 365 days a year, to maintain compliance with each facility's National Pollutant Discharge Elimination System (NPDES) permit. Each wastewater treatment plant and its respective service area are listed in the following table.

Wastewater Treatment Plant	Design Capacity			Total Effluent Flow for Calendar Year 2021
Ballenger-McKinney	15 Million Gallons/Day			2.974 <u>Billion</u> Gallons
Service Area Includes:				
Adamstown	Countryside	Jug Bridge	Nightingale	Tuscarora Creek
Adamstown Commons	Creekside Park	Kellerton	North Crossing	Tuscarora Knolls
Airport Park	Crestwood Village	Kerrigan's Glen	North Shore	Twin Fawn Farm
Anna's Ridge	Deerbought	Kingsbrook	Oakdale Village	Urbana Highlands
Arrowhead	Deerfield	Lake Anita Louise	Orchard, the	Urbana Town Center
Aspen	Discovery	Landsdale	Oxford Estates	Villages of Urbana
Audubon	Dublin Manor	Laneve	Parkside	Walkersville, Town of
Baldwin Estates	Evergreen Point	Liberty East	Pinecliff	Waterside
Ballenger Creek Center	Fairwinds	Liberty Village	Pinehurst	Wellington Trace
Ballenger Creek Meadows	Farmbrook	Libertytown	Preserve at Long Branch	Westfield
Ballenger Crossing	Fountain Rock Manor	Libertytown Condos	Preserves at Tuscarora	Westview Park
Ballenger Run	Fountain Rock Springs	Linganore Town Center	Preston	Westview South
Balmoral	Foxcroft	Linton Farms	Robin Meadows	Westwinds
Bartlett Heights	FSK Mall	Longley Green	Royal Oaks	Whispering Creek
Beshers South	Glade Manor	Main Property	River Oaks	Winding Ridge
Bloomfields	Glen at Woodspring	Mains Heights	River Meadows	Willowbrook
Brinkley Manor	Greenhill Manor	Manors at Ballenger Creek	Riverside Center	Winterbrook
Buckingham Choice	Greens	Meadows	Saddle Ridge	Woodlands
Buckingham Hills	Greenview	Meadows at New Market	Sponsellers Addition	Woodlands of Urbana
Cannon Bluff	Gladetowne	Meadows at Woodspring	Spring Garden Estates	Woodspring
Castle Hill	Governor's Choice	Mill Island	Spring Hollow	Woodridge
Clover Hill I, II, III	Hamptons West	Mill Run	Spring Ridge	Worman's Mill
Clover Ridge	Hannover	Monrovia Industrial Park	Spring View Estates	Yeager
Cloverdale	Harrington Terrace	Mountain Village	Stonebridge	
Cloverview	Heritage	New Market, Town of	Stuart Mechanic	
Coldstream	Holly Hills	New Market Shopping Ctr	Summerfield	
Clearview at New Market	Holly Ridge at Preston	New Market West	Sun Meadows	
Colony Village	Jefferson Tech Park	Newport Ridge	Tallyn Ridge	
Crestview	0.036 Million Gallons/Day			8.225 Million Gallons
Service Area Includes:				
Crestview Estates				
Fountaindale	0.200 Million Gallons/Day			42.904 Million Gallons
Service Area Includes:				
Fountaindale North				
Fountaindale South				
Crest Manor Estates				
Jefferson	0.300 Million Gallons/Day			55.579 Million Gallons
Service Area Includes:				
Town of Jefferson				
Briercrest Condos				
Briercrest Heights				
Cambridge Farms				
Copperfield				
Woodbourne Manor				
Kempton Elementary School	0.005 Million Gallons/Day			0.0 Million Gallons
Kempton WWTP suspended operation in May 2005. It has since been operated as a holding tank with no effluent discharge. During calendar year 2021, 0.175 million gallons of untreated wastewater was transported to the Ballenger-McKinney Wastewater Treatment Plant for processing.				

Lewistown	0.022 Million Gallons/Day	0.815 Million Gallons
Service Area Includes: Lewistown Elementary School Lewistown Volunteer Fire Company Building		
Mill Bottom	0.100 Million Gallons/Day	25.779 Million Gallons
Service Area Includes: Harvest Ridge Manorwood Samhill Estates		
Pleasant Branch	0.100 Million Gallons/Day	19.912 Million Gallons
Service Area Includes: Greenridge Preserve at Windsor Knolls Windsor Knolls		
Point of Rocks	0.230 Million Gallons/Day	41.456 Million Gallons
Service Area Includes: Canal Run Point of Rocks Train Station Overlook		
White Rock	0.050 Million Gallons/Day	4.293 Million Gallons
Service Area Includes: White Rock		
Total Treated Wastewater Flow		3.173 <u>Billion</u> Gallons

The Department of Maintenance maintains two (2) separate sanitary sewage collection systems that do not discharge directly into Frederick County owned or operated Wastewater treatment plants.

The **Knoxville/New Addition Collection System** discharges into the Town of Brunswick's sanitary sewage collection system and is ultimately treated at the Brunswick wastewater treatment plant.