

# County Council Of Howard County, Maryland

2021 Legislative Session

Legislative Day No. **1**

## Resolution No. 13 -2021

Introduced by: The Chairperson at the request of the County Executive

A RESOLUTION approving an amendment to the Howard County Master Plan for Water and Sewerage to add Cattail Creek Country Club to the list of existing wastewater treatment plants and to the list of existing and planned permit discharges.

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Introduced and read first time \_\_\_\_\_, 2021.

By order \_\_\_\_\_  
Diane Schwartz Jones, Administrator

Read for a second time at a public hearing on \_\_\_\_\_, 2021.

By order \_\_\_\_\_  
Diane Schwartz Jones, Administrator

This Resolution was read the third time and was Adopted\_\_\_, Adopted with amendments\_\_\_, Failed\_\_\_, Withdrawn\_\_\_, by the County Council on \_\_\_\_\_, 2021.

Certified By \_\_\_\_\_  
Diane Schwartz Jones, Administrator

Approved by the County Executive \_\_\_\_\_, 2021

\_\_\_\_\_  
Calvin Ball, County Executive

NOTE: [[text in brackets]] indicates deletions from existing law; TEXT IN SMALL CAPITALS indicates additions to existing law; ~~Strike-out~~ indicates material deleted by amendment; Underlining indicates material added by amendment

1           **WHEREAS**, Title 9, Subtitle 5 of the Environment Article of the Annotated Code of  
2 Maryland (the “State law”) requires each county governing body to adopt a Master Plan for  
3 Water and Sewerage and to review the plan every 3 years; and  
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5           **WHEREAS**, the County Council and County Executive last approved an amendment to  
6 the Master Plan for Water and Sewerage by adoption of Council Resolution 143-2019 on  
7 February 5, 2020; and  
8

9           **WHEREAS**, in accordance with State law and so that the Health Department can  
10 approve the Discharge Permit for the Cattail Creek Country Club expansion, Cattail Creek  
11 Country Club must be added to the list of existing and planned permit discharges and the  
12 inventory of existing wastewater treatment plants within the Master Plan for Water and  
13 Sewerage; and  
14

15           **WHEREAS**, in accordance with Section 9-503 of the State Law, the County’s governing  
16 body has conducted a public hearing on the amendment; and  
17

18           **WHEREAS**, this Amendment was approved by the Planning Board on January 21, 2021.  
19

20           **NOW, THEREFORE, BE IT RESOLVED** by the County Council of Howard County,  
21 Maryland this \_\_\_\_ day of \_\_\_\_\_, 2021, that Table 10A and Table 10 of the Howard  
22 County Master Plan for Water and Sewerage are amended as shown in the attached Exhibit.

**TABLE 10  
INVENTORY OF EXISTING WASTEWATER TREATMENT PLANTS**

Name and Operating Agency	Treatment Type	MD Plane Coordinate Location (North/East)	Occupied Acres	Vacant Acres	Point of Discharge	Max. Site Capacity Secondary (MGD)	Max. Site Capacity Advanced (MGD)	Existing Capacity (MGD)	Avg. Flow (MGD)	Peak Flow (MGD)	Planned or Expected Date to Abandon (if Interim)
<b>Municipal (Public)</b>											
Little Patuxent Water Reclamation Plant	BS-GR-PS-AS-NO-PR-NR-SF-CH-D-DW-CT-PA	531/1,365			Little Patuxent			29.0	17.2	36.0	
Sheppard Manor (Table 10B)	SS	575/1,331			Shared Septic			0.008	0.004	0.017	
Walnut Creek (Table 10B)	SS	562/1,325			Shared Septic			0.112	0.056	0.220	
Riverwood (Table 10B)	SS	576/1,339			Shared Septic			0.005	0.005	0.020	
<b>Industrial</b>											
Maryland-Virginia Milk Producers	PS-O-GC-AS	538/1,349			Hammond Branch				0.192	0.270	
Owens Corning Fiberglas	PS	538/1,372			Unnamed tributary to Dorsey Run				0.029		
<b>Private, Community &amp; Institutional</b>											
St. Louis Catholic School	ST-ISF-CH-DC	555/1,327			Subsurface Discharge			.006	0.003	unknown	
Villas at Cattail Creek	ST-PS-NR-PA	588/1,300			Subsurface Discharge				0.017	0.0384	
CATTAIL CREEK COUNTRY CLUB	O-PS-AE-AD-AN-AS-NR	585/1,299			SUBSURFACE DISCHARGE				0.004	0.008	
Homeland Marriottsville Senior Center	ST-ISF-CH-DC	591/1,341			Subsurface Discharge				0.025	unknown	
Glenelg High School	BS-AE-NR	585/1,313			Subsurface Discharge				0.025	0.050	

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Name and Operating Agency	Treatment Type	MD Plane Coordinate Location (North/ East)	Occupied Acres	Vacant Acres	Point of Discharge	Max. Site Capacity Secondary (MGD)	Max. Site Capacity Advanced (MGD)	Existing Capacity (MGD)	Avg. Flow (MGD)	Peak Flow (MGD)	Planned or Expected Date to Abandon (if Interim)
Western Elementary School	BS-AE-NR	573/1,317			Subsurface Discharge				0.008	0.014	
Bushy Park Elementary, Glenwood Middle, Glenwood Park Elementary School	BS-AD-AN	595/1,308			Subsurface Discharge				0.012	0.023	

**TABLE 10**

**INVENTORY OF EXISTING WASTEWATER TREATMENT PLANTS**

Key to Treatment Types

AD	Aerobic Digestion	ISF	Intermittent Sand Filter
AE	Extended Aeration	KC	Chemical Flocculation
AN	Anaerobic Digestion	L	Lagoon
AS	Activated Sludge	NO	Nitrogen Oxidation
BS	Bar Screen	NR	Nitrogen Removal
CG	Comminutor or Grinding	O	Grease Removal
CH	Hypochlorate Chlorination	OZ	Ozonation Disinfection
CIM	Clarigester	PA	Post Aeration
CT	Chemical Treatment	PR	Phosphorus Removal
D	Dechlorination (other)	PS	Primary Settling
D	Disinfection (other)	RBC	Rotating Biological Contractor
DC	Dechlorination SO2 gas	SB	Sand Drying Beds
DW	Sludge Dewatering – Mechanical	SD	Secondary Treatment (other)
FTH	Filters - High Capacity	SF	Polishing Sand Filter
GC	Gas Chlorination	SS	Shared Septic
GR	Grit Removal	ST	Septic Tank
I	Sewage Application to Land	TF	Trickling Filter
		UV	Ultraviolet Disinfection

**TABLE 10A  
SUMMARY OF EXISTING AND PLANNED PERMIT DISCHARGES**

Facility	State Permit Number	NPDES Permit Number	Permit Type	Actual Average Flow (MGD)
Alpha Ridge Munciple landfill	13DP3224	MD0067865	Industrial Individual	0.082
American Infrastructure-MD,Inc. - Jessup Asphalt	10MM2110	MDG492110	General Permit - Mineral Mine	NA
Annapolis Junction RMC Plant	10MM8018	MDG498018	General Permit - Mineral Mine	NA
Ashleigh Knolls Subdivision	14DP3102	MD3102N06	Groundwater	NA
Bardon, Inc. (dba Aggregate Industries)	10MM9804	MDG499804	General Permit - Mineral Mine	NA
Bay Ready Mix Concrete	10MM8028	MDG498028	General Permit - Mineral Mine	No Discharge
Carrs Mill Landfill	13DP3226	MD0067873	Industrial Individual	0.0627
<b>CATTAIL CREEK COUNTRY CLUB</b>	<b>19DP3816</b>	<b>MD3863N19</b>	<b>GROUNDWATER</b>	<b>NA</b>
Daniel G. Schuster Inc.- Jessup	10MM9739	MDG499739	General Permit - Mineral Mine	NA
Dayton Oaks Elementary School	09DP3479	MD3479N04	Groundwater	0.0042
Eyre's Bus Service, Inc.	11DP2349	MD2349NOO	Groundwater	0.0017
General Electric Company - Former Appliance Park East Facility	12DP3245	MD0067938	Industrial Individual	0.01
Glenelg Country School WWTP	12DP3409	MD3409N02	Groundwater	0.0013
Glenelg High School WWTP	10DP341,2	MD3412N02	Groundwater	0.025
Homeland Senior Living Community WWTP	10DP343	MD3435N03	Groundwater	0.020
Howard County Bureau of Utilities - Elevated Water Tanks	11HT9501	MDG679501	Hydrostatic Testing	NA
Jessup Plant	10MM8053	MDG498053	General Permit - Mineral Mine	0.028
Jessup Ready Mix Concrete Plant	10MM8046	MDG498046	General Permit - Mineral Mine	No Discharge - less than 0.0001
Johns Hopkins University - Applied Physics Laboratory	11HT5179	MDG675179	General Permit - Hydrostatic Testing	NA
Johns Hopkins University - Applied Physics Laboratory	12DP3607	MD0070009	Industrial Individual	Pipe 1- 0.044, Pipe 2 - NA
Lisbon Shopping Plaza WWTP	14DP3405	MD3405N02	Groundwater	System A- 0.0078, System 8- NA
Little Patuxent Water Reclamation Plant	13DP1421	MD0055174	Surfacewater Municipal	20.7
Manor Hill Brewing	15DP3823	MD3823G15	Groundwater	NA
Marriotts Ridge High School WWTP	14DP3417	MD3417N02	Groundwater	0.009

**TABLE 10A  
SUMMARY OF EXISTING AND PLANNED PERMIT DISCHARGES**

Maryland & Virginia Milk Producers Assoc.	15DP0033	MD0000469	Industrial Individual	0.325
Modern Foundations Inc.	10MM8066	MDG498066	General Permit - Mineral Mine	0.002
Mount Airy Bible Church , Inc.	10DP3691	MD3691N10	Groundwater	NA
New Bushy Park Elementary & Glenwood Middle Schools WWTP	11DP3521	MD3521N05	Groundwater	0.0072
New Cut Landfill	13DP3262	MD0068039	Industrial Individual	0.085
Peddicord Property WWTP	11DP3506	MD3506N05	Groundwater	0.0025
Piccirilli Quarry	10MM9891	MDG499891	General Permit - Mineral Mine	No Discharge
Rockville Fuel and Feed	10MM9770	MDG499770	General Permit - Mineral Mine	0.00078
Savage Stone, LLC	10MM9765	MDG499765	General Permit - Mineral Mine	Pipe 1- 0.058, Pipe 2- 0.330
Riverwood Phase II Shared Sewage Facility	11DP3544	MD3544N06	Groundwater	0.0042
The Villas at Cattail WWTP & WTP	11HT5050	MDG675050	General Permit - Hydrostatic Testing	NA
The Villas at Cattail WWTP & WTP	14DP3260	MD3260N98	Groundwater	0.014
Triadelphia Ridge Elementary School	13DP3223	MD3223N07	Groundwater	0.0086
University of MD Agricultural Center	11HT5165	MDG675165	General Permit	NA
W.R. Grace & Company	07DP3254	MD0067997	Industrial Individual	No Discharge
Wah Property	14DP3598	MD3598N14	Groundwater	NA
Walnut Creek Subdivision	11DP3538	MD3538N06	Groundwater	NA
Walnut Grove Shared Facility WWTP	11DP3504	MD3504N05	Groundwater	0.0502
Western Regional Park WWTP	10DP3448	MD3448N03	Groundwater	0.00023

Note : Facilities that did not have records of actual average flow or total design flow quantities are marked NA