

County Council Of Howard County, Maryland

2019 Legislative Session

Legislative Day No. 13

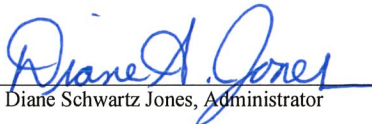
Resolution No. 143 -2019

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

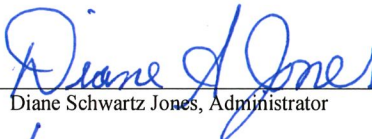
A RESOLUTION approving the 2019 Interim Amendment to the Howard County Master Plan for Water and Sewerage, consisting of text, tables, and maps incorporating various revisions based on and including:

1. Changes to capital projects related to the capital budget, the ten-year capital improvement program, or completed engineering studies;
2. The entry of properties into the County's Metropolitan District;
3. Changes in service area priorities for individual property parcels, subdivisions and developer projects based upon the review of capital and developer project progress; and
4. Changes to the water and sewer Planned Service Area.

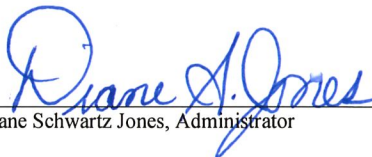
Introduced and read first time November 4, 2019.

By order 
Diane Schwartz Jones, Administrator

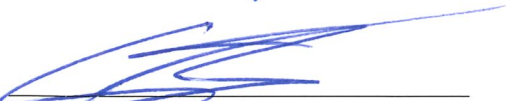
Read for a second time at a public hearing on November 18, 2019.

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This Resolution was read the third time and was Adopted , Adopted with amendments , Failed , Withdrawn , by the County Council on February 3, 2020, 2019.

Certified By 
Diane Schwartz Jones, Administrator

Approved by the County Executive February 5, 2020, 2019


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
4

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 36-2016 on May 2,
7 2016; and
8

9 **WHEREAS**, in accordance with State law, the Department of Public Works has prepared
10 the attached 2019 Interim Amendment to the Master Plan for Water and Sewerage as a
11 comprehensive amendment; and
12

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

16 **WHEREAS**, this Interim Amendment includes the following types of revisions:

- 17 1. Changes to capital projects related to the capital budget, the ten-year capital
18 improvement program, or completed engineering studies;
- 19 2. The entry of properties into the County’s Metropolitan District;
- 20 3. Changes in service area priorities for individual property parcels, subdivisions and
21 developer projects based upon the review of capital and developer project
22 progress; and
- 23 4. Changes to the water and sewer Planned Service Area (PSA); and
24

25 **WHEREAS**, this Interim Amendment incorporates recent legislative action taken by the
26 County Council in Council Bill No. 59-2018 that extended to PSA boundary for water and sewer
27 service to include approximately 61 acres of property located west of Clarksville Pike (MD
28 Route 108); and
29

30 **WHEREAS**, this Interim Amendment also incorporates recent legislative action taken by the
31 County Council in Council Resolution No. 119-2018 that approved certain connections to the

1 West Friendship Fire Station “suppression-only” water main only when ordered by the County
2 Health Officer for certain uses and when water quality is impaired and there is no practical on-
3 site water source alternative; and
4

5 **WHEREAS**, this Amendment was approved by the Public Works Board on June 11,
6 2019 and by the Planning Board on August 15, 2019.
7

8 **NOW, THEREFORE, BE IT RESOLVED** by the County Council of Howard County,
9 Maryland this _____ day of _____, 2019, that the Howard County Master Plan for
10 Water and Sewerage is amended by adopting the 2019 Interim Amendment to the Howard
11 County Master Plan for Water and Sewerage, consisting of the text, tables, and maps attached
12 hereto and incorporated herein.

CR 143

2019 Interim Amendment
of the
Master Plan for Water & Sewerage
(2015 Amendment)

AMENDMENT PACKAGE

**HOWARD COUNTY MASTER PLAN FOR WATER & SEWERAGE
INTERIM AMENDMENT**

March 2019

This packet includes the following documents providing updates and revisions to the 2015 Amendment of the Water & Sewerage Master Plan.

1. A Report of the Review of the 2015 Amendment.
2. Certification Statements by the Departments of Planning & Zoning and Public Works.
3. Attachment 1: Revised text for Chapter 1, OBJECTIVES & ORGANIZATION.
4. Attachment 2: Revised text for Chapter 3, THE WATER PLAN.
5. Attachment 3: Revised text for Chapter 4, THE SEWERAGE PLAN.
6. Attachment 4: Revised Table 10B, Summary of Existing & Planned Shared Sewage Disposal Facilities.
7. Attachment 5: Tabular listing and description of the revision codes for the EXHIBIT 1- WATER PLAN map.
8. Attachment 6: Tabular listing and description of the revision codes for the EXHIBIT 2E- SEWER PLAN map.
9. Attachment 7: Revised EXHIBIT 1- WATER PLAN map.
Revised EXHIBIT 2-East- SEWER PLAN map.

NOTE: All other text, tables and figures of the 2015 Amendment of the Master Plan remain unchanged.

REPORT OF THE REVIEW

MASTER PLAN FOR WATER AND SEWERAGE INTERIM AMENDMENT

March 2019

Each year, the Howard County Department of Public Works reviews the Master Plan for Water & Sewerage in accordance with the Maryland Code of Regulations (COMAR) 26.03.01.03 and Sections 18.100A and 22.405 of the Howard County Code and, when necessary or appropriate, the Department will prepare interim updates to ensure adequate water and sewer planning. The interim updates will generally incorporate the following types of revisions into the Master Plan for Water and Sewerage:

1. Changes to capital projects related to the capital budget, the ten-year capital improvement program, or completed engineering studies.
2. Entry of properties into the County Metropolitan District.
3. Changes in service area priorities for individual property parcels, subdivisions and developer projects based upon the review of capital and developer project progress, and
4. Changes to the water and sewer Planned Service Area (PSA).

Additional updates and revisions may be warranted based on such factors as changes to the County's General Plan, comprehensive zoning and economic conditions.

This 2019 Interim Amendment provides more than 75 revisions to the 2015 Amendment of the Master Plan. The majority of these revisions consist of routine matters such as updating the water and sewer maps to identify those properties that entered the Metropolitan District, updating the status of capital projects as they progress from planning to completion, and updating the status of private developer projects as they progress through the development review process.

Two additional revisions incorporate legislative action by the Howard County Council. The most notable of these revisions is the expansion of the Planned Service Area boundary in the Clarksville area, which will provide water and sewer service eligibility to a planned continuing care retirement community (CCRC) known as the Erickson Living project. Public hearing notices have been posted near the project site to ensure that the public is provided the opportunity to offer input toward water and sewer planning in the area.

Below are summaries of the specific revisions to the 2015 Master Plan amendment:

1. Chapter 1- Objectives and Organization- Chapter 1 was revised in two places to incorporate Howard County Council amendments to the Planned Service Area.
 - "Section 1.3- Planned Service Area" was revised in accordance with Howard County Council Bill No. 59-2018.
 - "Section 1.4- No Planned Service Area" was revised in accordance with Howard County Council Resolution No. 119-2018.

2. Chapter 3- The Water Plan- Chapter 3 was revised to include planning for a new elevated water storage tank in the Clarksville area to alleviate a projected water storage deficit.
3. Chapter 4- The Sewerage Plan- Chapter 4 was revised to expand the description of the planned capacity improvements to the Dorsey Run Sewage Pumping Station in response to a request by MDE.
4. Changes to Shared Sewage Disposal Facilities- “Table 10B- Existing and Proposed Shared Septic Sewerage Systems” has been updated to add new projects and remove discontinued projects resulting from private development activity as these projects proceed from planning to construction.
5. Entries into the Metropolitan District- Properties that have been incorporated into the Metropolitan District require modifications to the water and sewer plan maps to show the current status of the Metropolitan District boundaries. Similarly, properties that are removed from the Metropolitan District are removed from the District boundaries. The enclosed maps have been updated to incorporate Metropolitan District changes through December 2018.
6. Changes to the Service Priority Designations for Individual Parcels- The water and sewerage priority designations (e.g. Existing and Under Construction, 0-to-5 Year Priority, 6-to-10 Year Priority, etc.) for individual property parcels in the Planned Service Area have been reviewed and updated on the water plan and sewer plan maps in accordance with criteria specified in Chapter 1 of the Master Plan.
7. Changes in the Status of Private Development- As private development projects proceed through the plan review and approval process administered by the Department of Planning & Zoning, the water and sewerage priority designations for the affected properties are updated on the water plan and sewer plan maps in accordance with criteria specified in Chapter 1 of the Master Plan. The enclosed maps have been updated to incorporate private development activity based upon annual review of the Planning & Zoning “Subdivisions in Process” and “Site Development Plans” databases through December 2018.

Each of the above items replace the corresponding materials in the 2015 Master Plan Amendment.



HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

3430 Courthouse Drive

Ellicott City, Maryland 21043

410-313-2350

Voice/Relay

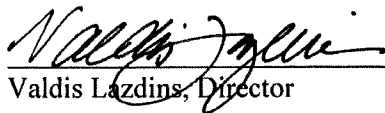
Valdis Lazdins, Director

FAX 410-313-3467

STATEMENT OF CERTIFICATION

April 2019

The water and sewerage projects and the water and sewer service areas proposed in the Master Plan for Water and Sewerage for Howard County are consistent with *PlanHoward 2030*, Howard County's General Plan, adopted on August 8, 2012 by the Howard County Council. The Master Plan for Water and Sewerage has been developed based upon land use objectives shown in the General Plan and population estimates provided by the Department of Planning and Zoning.

 4-26-19
Valdis Lazdins, Director Date



HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

3430 Courthouse Drive

■ Ellicott City, Maryland 21043 ■

410-313-4401

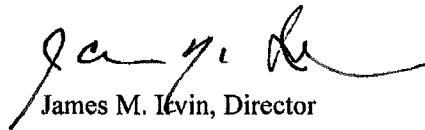
James Irvin, Director
jirvin@howardcountymd.gov

FAX 410-313-3408
TDD 410-313-2323

ENGINEER'S STATEMENT OF CERTIFICATION

March 2019

The water and sewerage projects proposed in the Howard County Master Plan for Water and Sewerage are adequate to meet the future system requirements as projected. The Master Plan for Water and Sewerage has been prepared based on population estimates, basic policy edicts and other basic data provided by the Howard County Office of Planning and Zoning, the Department of Public Works and the Howard County Health Department.



James M. Irvin, Director

3/25/19

Date

MASTER PLAN FOR WATER AND SEWERAGE
INTERIM AMENDMENT
March 2019

ATTACHMENT 1

Chapter 1- Objectives and Organization-

Section 1.3- Planned Service Area, page 1-4, is hereby revised to insert item 5, which describes an amendment to the Planned Service Area boundary in accordance with Howard County Council Bill 59-2018. The revised item is printed in italics.

Section 1.4- No Planned Service Area, page 1-11, is hereby revised to amend the permitted use of the fire suppression water main to the West Friendship Fire Station in accordance with Howard County Council Resolution 119-2018. The revised item is printed in italics.

All other text within Chapter 1 of the 2015 Master Plan amendment remains unchanged.

2. PlanHoward 2030 amended the Planned Service Area for sewerage to include twenty properties in the Ellicott City area totaling 158.76 acres and bounded by US Route 40 on the north, Marriottsville Road on the west and Frederick Road to the south. The properties are part of the Alpha Ridge Water Service Area.
3. PlanHoward 2030 amended the Planned Service Area for water and sewerage to add four properties in the Clarksville area totaling 90.33 acres and bounded by Guilford Road on the north and MD Route 108 on the west.
4. PlanHoward 2030 amended the Planned Service Area for water and sewerage to add one property in the Fulton area totaling 91.25 acres and bounded by Scaggsville Road to the north and Murphy Road to the west.

5. *The Planned Service Area boundary for water and sewerage was amended by County Council Bill 59-2018 to add approximately 61 acres of property in the Clarksville area to the Planned Service Area. The property, identified as tax map 34, parcel 185 along with part of tax map 28, parcel 100, is located north of Maryland Route 108 and west of Sheppard Lane in Clarksville. The expansion of the PSA is part of a specific zoning proposal with the stated purpose of providing a continuing care retirement community (CCRC) that will provide independent living units and assisted living and skilled nursing care, and which advances several stated land use policies within the Howard County General Plan.*

The General Plan provides for expansion of the Planned Service Area under limited circumstances for certain public or institutional uses. Expansion for public or institutional uses must meet criteria limiting the parcel size to the minimum necessary for the proposed institutional use and requiring actual construction of the proposed use and connection to the public system by a specific deadline. Expansion of the PSA for institutional uses is limited to institutional properties that are adjacent to the existing boundary of the PSA and which continue the linear boundary line without including an intervening, privately-owned parcel that is currently not located in the Planned Service Area. Before obtaining public water or sewer service, a property within the PSA must enter the County's Metropolitan District. Property in the Metropolitan District is subject to fees, assessments and charges required to finance the construction, operation and maintenance of the public water and sewerage system.

Parcels of land within the designated "No Planned Service Area" of the Howard County Master Plan for Water & Sewerage are not eligible for connection to the public water and/or sewerage system. However, parcels that have been ordered by the Health Department's Bureau of Environmental Health to connect to the public system under emergency circumstances are eligible for connection if the public system is available to the property. These parcels will not be incorporated into the Metropolitan District after connection, nor brought into the Planned Service Area. They are subject to the fees, assessments, and charges to finance the construction, operation, and maintenance of the public water and sewerage systems to the same extent as parcels in the Metropolitan District. These connections must be in accordance with section 18.101 of the Howard County Code.

The County will no longer extend the Planned Service Area for RR and RC zoned parcels in order to address public health concerns. Such parcels will be provided with necessary connection to public water and/or sewerage service if, in the opinion of the Director of Public Works, public systems are available and connection to the public system is ordered by the Howard County Bureau of Environmental Health to protect public health and welfare. The parcels will not be included in the Metropolitan District.

In 2008, the County provided a water main extension into the No Planned Service Area to the West Friendship Fire Station site at the intersection of Rt. 99 and Rt. 32. This main was constructed solely to provide fire suppression at the West Friendship Fire Station site. Council Resolution 119-2018 amended the restriction to state that individual parcels outside of the Planned Service Area and fronting on this water main will not be allowed to connect unless ordered by the County Health Officer for public or institutional use such as an academic school, religious facility or charitable or philanthropic institution where (1) water quality impairments exist and (2) no practical on-site water source alternatives exist.

A. Shared Sewage Disposal Facility

A "Shared Sewage Disposal Facility" means a sewerage system which serves more than one lot of land with public collector sewers, common septic tank and/or advanced pretreatment, and shared subsurface sewage disposal fields.

Undeveloped properties zoned RR and RC within the No Planned Service Area may be serviced by private individual on-site septic systems or shared sewage disposal facilities. Howard County Code Title 18, Subtitle 12, establishes requirements and procedures for shared disposal facilities to serve cluster development permitted on RR and RC zoned land. These systems are proposed and constructed by private developers of residential subdivisions. Shared sewage disposal facilities are designed in accordance with County standards and must be approved by the Department of Public Works, the Department of Planning and Zoning, the Howard County Bureau of Environmental Health and, at their discretion, the Maryland Department of the Environment prior to construction. Shared sewage facilities that require a State Groundwater Discharge Permit issued by the Maryland Department of the Environment are prohibited under Section 18.1202 of the Howard County Code.

Shared sewage disposal facilities generally consist of pumps and controls located on individual parcels which discharge to a common sewer main. The sewer conveys collected sewage to a common pretreatment area consisting of septic tanks and other pretreatment. Treated effluent is discharged to a subsurface soil absorption area. Shared sewage disposal facilities and related easements become County property after construction. Operation and maintenance of shared sewage facilities is the responsibility of the Department of Public Works.

MASTER PLAN FOR WATER AND SEWERAGE
INTERIM AMENDMENT
March 2019

ATTACHMENT 2

Chapter 3- The Water Plan

Section 3.10- Required Local System Improvements, page 3-25 is hereby revised to include planning for a new elevated water storage tank in the Clarksville area to alleviate a projected water storage deficit. The revised material is printed in italics. All other text of Chapter 3 remains unchanged.

In October 2018, the Howard County Council approved (Council Bill No. 59-2018) a request by Erickson Properties to add approximately 61 acres of land in the Clarksville area to the Planned Service Area for development of a continuing care retirement community (CCRC) known as the Erickson Living project.

Previously, a 2014 study of water storage capacity within the County's water distribution system determined that a minor water storage deficit (60,000 gallons) would arise in the 630 West zone beginning in Year 2020 but, due to stable water demands, the deficit could be managed until the Year 2035 without the need to construct additional storage capacity.

The subsequent additions to the Planned Service Area and the 630 West water zone (i.e., the Doughregan/Westmount, Hoddinott LLC and Erickson Living projects) will increase the water storage deficit to approximately 200,000 gallons. To alleviate the storage deficit, a new 500,000 gallon elevated water storage tank is recommended and planned for the Clarksville area for construction by the Year 2030. The new tank will be used in conjunction with the existing Harpers Choice tank to provide storage capacity and redundancy for the Columbia and Clarksville communities through the planning period.

The high ground elevations along the MD Route 108 corridor in Clarksville (i.e., elevations 470 and above) are advantageous to siting the proposed tank. The planning and design of water storage tanks is a lengthy and complex process, therefore is recommended that the process start now. A conceptual location for the new tank is marked on the enclosed Exhibit 1- Water Plan map as revision W-145.

H. 630 South Pressure Zone

Analysis shows that the Fulton Tank and associated pump stations will supply appropriate pressures and fire flow through full build-out of this zone in 2040. New development projects will continue in the 630 South Zone through Year 2025, including approximately 28,000 linear feet of 12" water distribution main to complete looping. The zone analysis also showed that the water storage capacity provided by the Fulton Tank will be sufficient to meet the zone's demands beyond 2040.

As described in Chapter 1, the Planned Service Area was expanded under PlanHoward 2030 to include approximately 91.25 acres of land in the Fulton area (refer to EXHIBIT 1, revision W-03) within the 630 South Water Zone. The water demand projections for this area are included in Tables 1 and 1A of Chapter 2. Based on current zoning densities and water demand projections, hydraulic analysis shows that the major water facilities (transmission mains 12-inch diameter and larger, pumping stations and water storage) are adequate for the increased demand through the planning period.

Water service to the expanded service area is available from the Scaggsville Road 16-inch diameter water main constructed under County contract 3505. The capacity of local water distribution facilities and necessary improvements will require evaluation as development plans are prepared.

MASTER PLAN FOR WATER AND SEWERAGE
INTERIM AMENDMENT
March 2019

ATTACHMENT 3

Chapter 4- The Sewerage Plan

Section 4.10- Required Local System Improvements based on Capacity Evaluation, page 4-26 of the 2015 Master Plan is hereby revised to expand the description of the planned capacity improvements to the Dorsey Run Sewage Pumping Station in response to a request by MDE. The revised material is printed in italics. All other text of Chapter 4 remains unchanged.

third siphon barrel under Capital Project No. S-6271– Furnace Avenue Sewer and Deep Run Inverted Siphon Improvements.

Improvements are currently being constructed for the area served by the Furnace Avenue sewer under Capital Project No. S-6271. The downstream portion is under construction but the upstream portion also requires additional capacity.

L. Shallow Run Sewer Drainage Basin

Hydraulic improvements are needed within the Shallow Run drainage area, which is part of the area served by the Deep Run Interceptor. Additional capacity is needed for the Shallow Run Interceptor. The previous hydraulic model evaluations identified fewer portions of the Shallow Run Interceptor for additional capacity but subsequent updates to the model expanded the portions in need of improvements.

The planned reinstatement of the Kerger Road Pumping Station will divert flow away from the Rockburn Interceptor to the Shallow Run Interceptor which resulted in the increased need for improvements. Improvements to the Shallow Run Interceptor are being developed under Capital Project No. S-6284– Deep Run/Shallow Run Interceptor Improvements, which is currently in design.

M. Sewage Pumping Station Improvements

In evaluating pumping stations for capacity, the pumps and the accompanying force mains are considered to comprise individual comprehensive systems. In other words, pumping stations that require additional capacity may require improvements to the force main as well as the pump station itself. For both the Little Patuxent Water Reclamation Plant drainage basin and the Patapsco Wastewater Treatment Plant drainage basin, the improvements to pumping stations that are needed to provide adequate capacity for future flows are listed below by individual pumping station.

North Laurel Sewage Pumping Station

The need for additional pumping capacity within the North Laurel Pumping Station is currently being addressed by construction of a new pumping station to replace the existing station. Improvements are currently being constructed under Capital Project No. S-6189– North Laurel Wastewater Pumping Station.

Dorsey Run Sewage Pumping Station

An updated analysis of hydraulic capacity showed that no hydraulic improvements are needed for the Dorsey Run station *if all three existing pumps were operated simultaneously. Previous hydraulic modeling had identified the need for additional pumping capacity but subsequent updates to the model determined that sufficient capacity currently exists. However, Capital Project No. S-6286- Dorsey Run Pump Station Upgrade will provide improvements to satisfy EPA and State reliability*

criteria, which require that pumping stations have sufficient capacity to pump the maximum flow (8.05 MGD) with the largest pumping unit out of service. The improvements include the replacement of the existing pump units with larger capacity units.

Henkel's Lane/Annapolis Junction Sewage Pumping Station

Updated analysis determined that no hydraulic capacity improvements are required for this station.

US Route 40 Sewage Pumping Station

Updated analysis determined that no hydraulic capacity improvements are required for this station.

Rockburn Sewage Pumping Station

Updated analysis determined that no hydraulic capacity improvements are required for this station. The previous hydraulic model evaluations identified the Rockburn Pumping Station for additional capacity but subsequent updates to the model resulted in the elimination of the improvements. The planned reinstatement of the Kerger Road Pumping Station will divert flow away from the Rockburn Interceptor and the Rockburn Pumping Station to the Shallow Run Interceptor, which eliminated the need for additional capacity at the Rockburn pump station.

Kerger Road Sewage Pumping Station

Improvements to the Kerger Road Pumping Station are being developed under Capital Project No. S-6282– Bonnie/Rockburn Branch Interceptor Improvements, which is currently in design. The Kerger Road pump station will enable diversion of excess flow away from the Rockburn Interceptor and Rockburn Pumping Station to the Shallow Run Interceptor.

Meadowridge Road Sewage Pumping Station

No hydraulic capacity improvements are required for this station.

Old Landing Sewage Pumping Station

No hydraulic capacity improvements are required for this station.

4.11 Biosolids and Residual Solids Processing and Disposal

Biosolids and other residual solids are currently generated at the Little Patuxent Water Reclamation Plant by the removal of suspended and dissolved solids during the wastewater treatment processes, and by the collection of wastes from private septic systems and shared sewage disposal facilities throughout the County. Septic tank

MASTER PLAN FOR WATER AND SEWERAGE
INTERIM AMENDMENT
March 2019

ATTACHMENT 4

Table 10B - Changes to Shared Sewage Disposal Facilities

“Table 10B- Existing and Proposed Shared Septic Sewerage Systems” is hereby updated to add new projects and remove discontinued projects resulting from private development activity as these projects progress from planning to construction.

The revised material is printed in red print.

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

<u>Subdivision Name</u>	<u>Community</u>	<u>Contract No.</u>	<u>MDE Groundwater Permit</u>	<u>Gravity or Pressure Dose</u>	<u>Pre-Treatment</u>	<u>Code Requirement*1</u>	<u>No. of Connected Lots</u>	<u>MDF*2 (gpd)</u>	<u>ADF*3 (gpd)</u>	<u>Year In Service (FY)</u>
Ashleigh Knolls	Clarksville (Map 2E)	50-3357, 50-3382, 50-3383	Yes: Permit renewal pending SBR construction	Pressure	No	Yes	109	32,700	16,350	1996
Belvedere Estates	West Friendship (Map 2W)	50-4964	No	Pressure	No	Yes	4	3,000	1,500	2019
Brantwood	West Friendship (Map 2E)	50-3816	No	Gravity	No	Yes	7	5,250	2,100	2001
Kings Forest (formerly Carroll-Ziegler Property)	Ellicott City (Map 2E)	50-4866	No	Gravity	No	Yes	6	4,500	2,250	Unknown
Edgewood Farm	Glenwood (Map 2W)	50-4309	No	Gravity	No	Yes	8	4,800	2,400	2013
Friendship Lakes	West Friendship (Map 2W)	50-3871	No	Gravity	No	Yes	5	3,750	1,875	2002
Fulton Ridge *6	Fulton (Map 2E)	50-4293	No	Pressure	No	Yes	4	3,000	1,500	2008
Fulton Woods	Fulton	50-4361	Termination of this Shared Septic project by the developer is pending Nov. 2019.					4,950	2,475	NONE
Hopkins Choice*4	Glenelg (Map 2W)	50-4254	No	Pressure Dose	No	Yes	16	9,900	4,950	2011
Foxleigh (formerly Hyman Property)	Ellicott City (Map 2E)	50-4980	This proposed Shared Septic project was terminated and voided Oct. 2019					3,750	1,875	NONE

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

<u>Subdivision Name</u>	<u>Community</u>	<u>Contract No.</u>	<u>MDE Groundwater Permit</u>	<u>Gravity or Pressure Dose</u>	<u>Pre-Treatment</u>	<u>Code Requirement*1</u>	<u>No. of Connected Lots</u>	<u>MDF*2 (gpd)</u>	<u>ADF*3 (gpd)</u>	<u>Year In Service (FY)</u>
Kogan Trust Property	Glenelg (Map 2W)	Not applied for	No	Gravity	No	Yes	3	2,250	1,125	Unknown
Lyndonbrook *4	West Friendship (Map 2E)	50-3607	No	Gravity	No	Yes	11	6,600	3,300	1998
Maple Ridge	Cooksville (Map 2W)	50-4046	No	Gravity	No	Yes	7	4,200	2,100	2003
Maplewood Farms	Glenwood (Map 2W)	50-4458 50-4459	No	Pressure Dose	No	Yes	7	4,950	2,475	2011
Jacks Landing (formerly Marty Howard Property)*6	Clarksville	50-4381	Termination of this Shared Septic project by the developer is pending Nov. 2019.				3,750	1,875	NONE	
Musgrove Property *5	Glenelg (Map 2W)	Board of Education Project	Yes	Pressure	Yes	Yes	31	18,600	9,300	2007
Neshawat Property *6	Glenelg (Map 2W)	50-4294	No	Gravity	Yes	Yes	4	6,000	3,000	2009
Owings Property Lot 3	Highland (Map 2W)	50-4157	No	Gravity	No	Yes	7	4,200	2,100	2006
Owings Property Lot 5	Highland (Map 2W)	50-4436	No	Gravity	No	Yes	7	4,200	2,100	
Paddocks East	West Friendship (Map 2W)	50-4156	No	Gravity	Yes	Yes	8	4,950	2,475	2010
Pickett Property	Lisbon	50-4386	Termination of this Shared Septic project by the developer is pending Nov. 2019.				13,500	6,750	NONE	

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

<u>Subdivision Name</u>	<u>Community</u>	<u>Contract No.</u>	<u>MDE Groundwater Permit</u>	<u>Gravity or Pressure Dose</u>	<u>Pre-Treatment</u>	<u>Code Requirement*1</u>	<u>No. of Connected Lots</u>	<u>MDF*2 (gpd)</u>	<u>ADF*3 (gpd)</u>	<u>Year In Service (FY)</u>
Pindell Woods	Fulton (Map 2E)	50-3952	No	Gravity	No	Yes	2	1,200	600	2004
<u>Quartz Hill Estates</u>	<u>Glenwood</u>	<u>50-4460</u>	<u>Termination of this Shared Septic project by the developer is pending Nov. 2019.</u>					<u>3,750</u>	<u>1,875</u>	<u>NONE</u>
Regan Property	Highland (Map 2E)	50-4748	No	Gravity	Yes	Yes	6	4500	2250	2014
Riggs Meadow	Cooksville (Map 2W)	50-3606	No	Gravity	No	Yes	4	2,400	1,200	2002
Riverwood *5	Ellicott City (Map 2E)	50-4287	06-DP-3544	Pressure Dose	Yes	Yes	18	10,800	5,400	2013
Sheppard Manor *5	Ellicott City (Map 2E)	50-4357	05-DP-3506	Pressure Dose	Yes	Yes	11	8,250	4,125	2009
<u>Willowshire (formerly Simpson & Denault Property)</u>	<u>Dayton (Map 2W)</u>	<u>50-5062</u>	<u>No</u>	<u>Pressure</u>	<u>Yes</u>	<u>Yes</u>	<u>5</u>	<u>3,750</u>	<u>1,875</u>	<u>2019</u>
Triadelphia Crossing	Glenelg (Map 2W)	50-4207	No	Gravity	No	Yes	8	4,800	2,400	2005
Walnut Creek *5	Clarksville (Map 2E)	50-4440 Collection 50-4441 Treatment	Yes	Pressure Dose	Yes	Yes	149	111,750	55,875	2013
Walnut Grove *5	Clarksville (Map 2E)	50-4330 Collection & 50-4359 Treatment	Yes	Pressure	Yes	Yes	87	65,250	32,625	2009

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

<u>Subdivision Name</u>	<u>Community</u>	<u>Contract No.</u>	<u>MDE Groundwater Permit</u>	<u>Gravity or Pressure Dose</u>	<u>Pre-Treatment</u>	<u>Code Requirement*¹</u>	<u>No. of Connected Lots</u>	<u>MDF*² (gpd)</u>	<u>ADF*³ (gpd)</u>	<u>Year In Service (FY)</u>
Willow Pond	Highland (Map 2E)	50-4491	No	Pressure Dose	No	Yes	3	2,250	1,125	2011
Willow Ridge	Ellicott City (Map 2E)	54-4301	No	Gravity	No	Yes	5	3,750	1,875	2013

*¹ – Code Requirement is to meet current Howard County requirements

*² – Maximum Daily Flow

*³ – Average Daily Flow

*⁴ – 2 separate areas

*⁵ – SBR

*⁶ – Private Units

The proposed Fulton Woods, Foxleigh, Jack's Landing, Pickett Property and Quartz Hill Estates Shared Septic System projects were terminated and will not be constructed.

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

Subdivision Name	Community	Contract No.	MDE Groundwater Permit	Gravity or Pressure Dose	Pre-Treatment	Code Requirement* ¹	No. of Connected Lots	MDF* ² (gpd)	ADF* ³ (gpd)	Year In Service (FY)
Ashleigh Knolls	Clarksville (Map 2E)	50-3357, 50-3382, 50-3383	Yes: Permit renewal pending SBR construction	Pressure	No	Yes	109	32,700	16,350	1996
Belvedere Estates	West Friendship (Map 2W)	50-4964	No	Pressure	No	Yes	4	3,000	1,500	2019
Brantwood	West Friendship (Map 2E)	50-3816	No	Gravity	No	Yes	7	5,250	2,100	2001
Carroll-Ziegler Property	Ellicott City (Map 2E)	No application.	No	Gravity	No	Yes	6	4,500	2,250	Unknown
Edgewood Farm	Glenwood (Map 2W)	50-4309	No	Gravity	No	Yes	8	4,800	2,400	2013
Friendship Lakes	West Friendship (Map 2W)	50-3871	No	Gravity	No	Yes	5	3,750	1,875	2002
Fulton Ridge * ⁶	Fulton (Map 2E)	50-4293	No	Pressure	No	Yes	4	3,000	1,500	2008
Fulton Woods	Fulton	50-4361	This proposed Shared Septic project was terminated by the developer.					4,950	2,475	NONE
Hopkins Choice * ⁴	Glenelg (Map 2W)	50-4254	No	Pressure Dose	No	Yes	16	9,900	4,950	2011
Hyman Property	Ellicott City (Map 2E)	50-4980	No	Pressure	No	Yes	5	3,750	1,875	0-to-5 Years
Kogan Trust Property	Glenelg (Map 2W)	Not applied for	No	Gravity	No	Yes	3	2,250	1,125	Unknown

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

Subdivision Name	Community	Contract No.	MDE Groundwater Permit	Gravity or Pressure Dose	Pre-Treatment	Code Requirement*1	No. of Connected Lots	MDF*2 (gpd)	ADF*3 (gpd)	Year In Service (FY)
Lyndonbrook *4	West Friendship (Map 2E)	50-3607	No	Gravity	No	Yes	11	6,600	3,300	1998
Maple Ridge	Cooksville (Map 2W)	50-4046	No	Gravity	No	Yes	7	4,200	2,100	2003
Maplewood Farms	Glenwood (Map 2W)	50-4458 50-4459	No	Pressure Dose	No	Yes	7	4,950	2,475	2011
Marty Howard Property *6	Clarksville	50-4381	This proposed Shared Septic project was terminated by the developer.					3,750	1,875	NONE
Musgrove Property *5	Glenelg (Map 2W)	Board of Education Project	Yes	Pressure	Yes	Yes	31	18,600	9,300	2007
Neshawat Property *6	Glenelg (Map 2W)	50-4294	No	Gravity	Yes	Yes	4	6,000	3,000	2009
Owings Property Lot 3	Highland (Map 2W)	50-4157	No	Gravity	No	Yes	7	4,200	2,100	2006
Owings Property Lot 5	Highland (Map 2W)	50-4436	No	Gravity	No	Yes	7	4,200	2,100	
Paddocks East	West Friendship (Map 2W)	50-4156	No	Gravity	Yes	Yes	8	4,950	2,475	2010
Pickett Property	Lisbon	50-4386	This proposed Shared Septic project was terminated by the developer.					13,500	6,750	NONE

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

Subdivision Name	Community	Contract No.	MDE Groundwater Permit	Gravity or Pressure Dose	Pre-Treatment	Code Requirement#1	No. of Connected Lots	MDF#2 (gpd)	ADF#3 (gpd)	Year in Service (FY)	
Pindell Woods	Fulton (Map 2E)	50-3952	No	Gravity	No	Yes	2	1,200	600	2004	
Quartz Hill Estates	Glenwood	50-4460	This proposed Shared Septic project was terminated by the developer.					2	3,750	1,875	NONE
Regan Property	Highland (Map 2E)	50-4748	No	Gravity	Yes	Yes	6	4500	2250	2014	
Riggs Meadow	Cooksville (Map 2W)	50-3606	No	Gravity	No	Yes	4	2,400	1,200	2002	
Riverwood *5	Ellicott City (Map 2E)	50-4287	06-DP-3544	Pressure Dose	Yes	Yes	18	10,800	5,400	2013	
Sheppard Manor *5	Ellicott City (Map 2E)	50-4357	05-DP-3506	Pressure Dose	Yes	Yes	11	8,250	4,125	2009	
Simpson Property	Dayton (Map 2W)	50-5062	No	Pressure	Yes	Yes	5	3,750	1,875	2019	
Triadelphia Crossing	Glenelg (Map 2W)	50-4207	No	Gravity	No	Yes	8	4,800	2,400	2005	
Walnut Creek *5	Clarksville (Map 2E)	50-4440 Collection 50-4441 Treatment	Yes	Pressure Dose	Yes	Yes	149	111,750	55,875	2013	
Walnut Grove *5	Clarksville (Map 2E)	50-4330 Collection & 50-4359 Treatment	Yes	Pressure	Yes	Yes	87	65,250	32,625	2009	
Willow Pond	Highland (Map 2E)	50-4491	No	Pressure Dose	No	Yes	3	2,250	1,125	2011	

**TABLE 10B
EXISTING & PROPOSED SHARED SEPTIC SYSTEMS**

Subdivision Name	Community	Contract No.	MDE Groundwater Permit	Gravity or Pressure Dose	Pre-Treatment	Code Requirement*¹	No. of Connected Lots	MDF*² (gpd)	ADF*³ (gpd)	Year In Service (FY)
Willow Ridge	Ellicott City (Map 2E)	54-4301	No	Gravity	No	Yes	5	3,750	1,875	2013

*¹ – Code Requirement is to meet current Howard County requirements

*² – Maximum Daily Flow

*³ – Average Daily Flow

*⁴ – 2 separate areas

*⁵ – SBR

*⁶ – Private Units

The Fulton Woods, Marty Howard Property, Pickett Property and Quartz Hill Estates projects were terminated and will not be constructed.

MASTER PLAN FOR WATER AND SEWERAGE
INTERIM AMENDMENT
March 2019

ATTACHMENT 5

EXHIBIT 1-Water Plan Map Revision Code Table

This table lists and identifies each revision to the Water Plan including the revision of the Planned Service Area boundary, entries into the Metropolitan District and changes in the status of private development.

Each revision is identified by numerical code and includes the subdivision or property owner name, tax map number, parcel or lot number, a description of the revision, and the reason for the revision.

The numerical codes correspond to the revisions marked and coded in red on the EXHIBIT 1- Water Plan map included as Attachment 7.

EXHIBIT 1- WATER PLAN MAP UPDATES

Revisions to Water Service Categories for Subdivision Activity from January 1, 2015 through December 31, 2018. Refer to Exhibit 1 of the 2015 Amendment- Water & Sewer Master Plan for Map Revisions W-01 through W-72.

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs (1)
W-73	MAP 35, GRID 11	HEI-SUN & HEE-SUN CHUNG	10932 HILLTOP LANE, 1.84 ACRES, PARCEL 41, LOT 12	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 1-2015	7 PROP.
W-74	MAP 34, GRID 18	HODDINOTT, LLC	ROUTE 32, 88.9557 ACRES, PARCEL 88	ENTERED METRO DISTRICT; CHANGE FROM 6-TO-10 TO 0-TO-5 YEAR SERVICE CATEGORY	METRO DISTRICT DECISION NO 2-2015; ECP-15-005 PLAN APPROVED	150 PROP.
W-75	MAP 34, GRID 18	JEANNE C. HODDINOTT	6166 ROUTE 32, 1.00 ACRES, PARCEL 97	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 3-2015	1
W-76	MAP 37, GRID 5	EARL W. STRAIN, JR., DOUGLAS B. STRAIN, ET. AL.	6275 MONTGOMERY ROAD, 6 ACRES, PARCEL 50	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 4-2015	11
W-77	MAP 37, GRID 5	EARL W. STRAIN, JR., DOUGLAS B. STRAIN, ET. AL.	6249 MONTGOMERY ROAD, 6 ACRES, PARCEL 49	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 5-2015	10
W-78	MAP 31, GRID 4	ROSALIE B. WELSH	4738 ILCHESTER ROAD, 12.7689 ACRES, PARCEL 122	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 6-2015	2
W-79	MAP 42, GRID 22	RICHARD A. DOUSE AND DONNA E. DOUSE, TRUSTEES OR THEIR SUCCESSORS	9454 VOLLMERHAUSEN ROAD, 2.02 ACRES, PARCEL 167	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 7-2015	2
W-80	MAP 46, GRID 3	JEAN M. LEWIS	11296 SCAGGSVILLE ROAD, 1.00 ACRES, PARCEL 200	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 8-2015	1
W-81	MAP 41, GRID 11	OWEN M. WOODWARD AND TATIA C. WOODWARD	10715 MOOSBERGER COURT, 1.054 ACRES, PARCEL 420, LOT 25	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 9-2015	1
W-82	MAP 35, GRID 14	PETER DONALD CONGEDO AND CHERIE BROOKS CONGEDO	6281 TROTTER ROAD, 5.8 ACRES, PARCEL 64	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 10-2015	6

Notes (1) EDUs = Equivalent Dwelling Units; one EDU represents the avg. water consumption of one residential unit.
(2) PROP.: Proposed or planned units.

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-83	MAP 31, GRID 17	KEITH CAIN	5037 LANDING ROAD, 2.37 ACRES, PARCEL 334	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 11-2015	1
W-84	MAP 41, GRID 6	MG RENOVATIONS, LLC	10614 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 10	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 12-2015	1
W-85	MAP 34, GRID 21	W.R. GRACE & CO.-CONN	7600 GRACE DRIVE, 57.797 ACRES, PARCEL 145 (B-1)	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 13-2015	184 PROP.
W-86	MAP 41 GRID 18	SUSAN SLAMA	7570 KINDLER OVERLOOK DR, 5.19 ACRES, PARCEL 245	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 01-2016	1
W-87	MAP 34 GRID 12	6209 GUILFORD ROAD LLC	6209 GUILFORD ROAD, 1.147 ACRES, PARCEL 226	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 02-2016	1
W-88	MAP 31 GRID 16	JOHN & ANN DWYER	5204 TALBOTS LANDING ROAD, 1.26 ACRES, PARCEL 685	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 03-3016	1
W-89	MAP 34 GRID 12	EUGENE & JUNE MARIE LIVERETTE	6110 THOMPSON DRIVE, 0.45 ACRES, PARCEL 217, LOT 9	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 04-2016	1
W-90	MAP 34 GRID 12	EUGENE & JUNE MARIE LIVERETTE	6112 THOMPSON DRIVE, 0.46 ACRES, PARCEL 141, LOT 10	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 05-2016	1
W-91	MAP 34 GRID 12	MARK & SHIRLEY WILSON	12301 WAKE FOREST DRIVE, 0.91 ACRES, PARCEL 179, LOTS 7 & 8	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 06-2016	2
W-92	MAP 41 GRID 6	MARK & PATRICIA WHEELER	10617 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 19	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 07-2016	1
W-93	MAP 41 GRID 5	MICHAEL BARLOW & WENDY SMITH-BARLOW	10832 VISTA ROAD, 0.92 ACRES, PARCEL 398, LOT 1	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 08-2016	1
W-94	MAP 34 GRID 12	JA TEN OAKS LLC	6375 TEN OAKS ROAD, 0.289 ACRES, PARCEL 161	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 09-2016	1
W-95	MAP 41 GRID 5	HAROLD & TOBY ORENSTEIN	10709 VISTA ROAD, 1 ACRE, PARCEL 304, LOT 72	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 10-2016	1
W-96	MAP 41 GRID 5	STEPHEN & ANGELA KAY COHEN	10818 HUNTING LANE, 1.0 ACRE, PARCEL 273, LOT 64	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 11-2016	1

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-97	MAP 31 GRID 16	CHETAN MEHTA	5192 TALBOTS LANDING ROAD, 1.229 ACRES, PARCEL 688, LOT 7D	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 12-2016	1
W-98	MAP 31 GRID 16	BARRY MEHTA	5196 TALBOTS LANDING ROAD, 1.49 ACRES, PARCEL 688, LOT 7C	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 13-2016	1
W-99	MAP 47 GRID 2	GEORGE & BONNIE FRAZEE	10020 GORMAN ROAD, 1.32 ACRES, PARCEL 621, LOT 2	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 14-2016	1
W-100	MAP 46 GRID 2	MAPLE LAWN FARMS, INC.	11621 SCAGGSVILLE ROAD, 91.25 ACRES, PARCEL 113	ENTERED METRO DISTRICT; FROM 6-TO-10 YEAR TO 0-TO-5 YEAR SERVICE PRIORITY	COUNCIL BILL NO. 19-2016	176 PROP.
W-101	MAP 41 GRID 6	JARED SCOTT & HOLLY SCOTT	10618 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 11	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 15-2016	1
W-102	MAP 41 GRID 6	FRANKLIN DAVID & ELIZABETH DAVID	10622 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 12	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 16-2016	1
W-103	MAP 47 GRID 2	KINGDON GOULD JR. & MARY GOULD	10030 GORMAN ROAD, 1.603 ACRES, PARCEL 475	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 17-2016	1
W-104	MAP 47 GRID 2	KINGDON GOULD JR. & MARY GOULD	10026 GORMAN ROAD, 6.058 ACRES, PARCEL 475, LOT 1	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 18-2016	1
W-105	MAP 18 GRID 7	A. REINHARDT PROPERTY B. MULTIPLE INDIVIDUALLY OWNED PARCELS- EAST SIDE OF OLD FREDERICK ROAD ADDRESSES #8370 TO #8475	A. PARCEL 9, LOTS 1-20 (HOLLY SPRINGS CT) B. PARCELS 10,313, 321, 327, 342, 349, 357, 390	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (SINGLE FAMILY DETACHED)	35
W-106	MAP 17 GRIDS 12 & 18	A. OAK GLEN B. HUBBARD PROPERTY (#8644 OLD FREDERICK ROAD)	A. PARCEL 748, LOTS 1-4 B. PARCEL 49	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	OAK GLEN PLAT F-05-062 RECORDED. THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (SINGLE FAMILY DETACHED).	5

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-107	A. MAP 18 GRID 13	A. MULTIPLE INDIVIDUAL PARCELS INCLUDING ADDRESS NOS. 8432 TO 8478 CHURCH LANE ROAD	A. PARCELS 27, 292, 293, 294, 304 & 307	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (SINGLE FAMILY DETACHED).	18
	B. MAP 17 GRID 18	B. MULTIPLE INDIVIDUAL PARCELS INCLUDING ADDRESS NOS. 2700 TO 2750 NORTH RIDGE ROAD	B. PARCELS 80C & 80E, 95 & 96			
W-108	MAP 17 GRIDS 5,6,11 AND 12	ESTATES AT PATAPSCO PARK	PAR. 751, LOTS 1-195 & OS LOTS 196-202	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	F-14-124 PLAT RECORDED (RESIDENTIAL)	196 PROP.
W-109	MAP 17 GRID 15	A. SKYVIEW	A. PAR. 514, LOTS 1-7	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (RESIDENTIAL SFD).	19
	GRID 16	B. BRINKLEIGH SECTION 4	B. PAR 378, LOTS 70-74			
	GRID 14	C. HARVEY GOSS	C. PARCEL 616; 2640 BETHANY LANE			
	GRID 8	D. HENDRICKS & KEECH E. STUART GILBERT	D. PARCEL 227; 9944 OLD MILL RD E. PARCEL 233; 9955 OLD MILL RD			
W-110	MAP 16 GRID 5	GTW'S WAVERLY WOODS	WAVERLY WOODS SEC.11, AREA 2 PARCEL 435, LOTS 81-90	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	PLAT F-04-008 RECORDED. THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (RESIDENTIAL SFD).	10
W-111	MAP 10 GRID 21	JAYARAM KUMAR PROPERTY	PARCEL 275, LOT 10; 11460 OLD FREDERICK ROAD	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE A SMALL DEVELOPED PARCEL THAT HAS FRONTAGE TO AN EXISTING WATER MAIN (RESIDENTIAL SFD).	1

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-112	MAP 10 GRID 13	MELCHIOR PROPERTY	PARCEL 184, LOTS 1-6	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	WATER CONTRACT NO. 14-4971-D CONSTRUCTED (RESIDENTIAL SFD)	6
W-113	MAP 16 GRIDS 3, 8 & 10	ALPHA RIDGE LANDFILL	PARCELS 220, 253 & 302	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	WATER CONTRACT 44-4158 CONSTRUCTED (GOVERNMENT USE).	10
W-114	MAP 16 GRID 14	WM. EGBE, 2840 KINGS GIFT DRIVE	PARCEL 367, LOT 50	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	PROPERTY HAS FRONTAGE TO AN EXISTING WATER MAIN, CONTRACT NO. 44-3479(SINGLE FAMILY DETACHED)	1
W-115	MAP 16 GRID 11	VILLAGES AT TURF VALLEY, PH 1, SEC 2 & PH 4	PARCEL 8, LOTS 1-62 & LOTS 177-199	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	F-08-86 PLAT RECORDED (RESIDENTIAL)	85 PROP.
W-116	MAP 16 GRID 10	VILLAGES AT TURF VALLEY, PHASE 2, SEC 2	PARCELS 8 & 401 LOTS 210-257	0-5 TO EXISTING	F-10-78 PLAT RECORDED (RESIDENTIAL)	49 PROP.
W-117	A. MAP 24 GRID 1	A. CARLEE MANOR SUBDIVISION PLUS MULTIPLE INDIVIDUAL RESIDENTIAL AND COMMERCIAL PARCELS INCLUDING JFC HOLDING PARTNERSHIP	A. CARLEE MANOR LOTS 1-26; INCLUDES PARCELS 2, 4, 5, 13, 14, 74, 609, 695, 1071	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (COMMERCIAL, INSTITUTIONAL & RESIDENTIAL)	46
	B. MAP 16 GRID 24	B. ELLICOTT CITY ASSEMBLY OF GOD	B. PARCEL 55			
W-118	MAP 16 GRID 24; MAP 23 GRIDS 6-18	WESTMOUNT SUBDIVISION; PART OF DOUGHOREGAN PROPERTY	PARCEL 149, LOTS 1 AND PAR A- 221 ACRES	FROM 6-TO-10 SERVICE PRIORITY TO 0-TO-5 YEAR SERVICE PRIORITY	SP-14-008 FOR LOTS 3 THRU 327 SIGNED; PHASE 1 ROAD PLAN F-15-087 AND PHASE 2 ROAD PLAN F-16-046 TECHNICALLY COMPLETE (RESIDENTIAL)	325 PROP.

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-119	MAP 17 GRID19	MULTIPLE INDIVIDUALLY OWNED RESIDENTIAL PARCELS INCLUDING ADDRESS NOS. 3000 TO 3079 MULLINEAUX LANE	INCLUDES PARCELS 129, 329, 440 & 509	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (SINGLE FAMILY DETACHED)	27
W-120	MAP 24 GRID 5	MULTIPLE INDIVIDUALLY OWNED RESIDENTIAL & COMMERCIAL PARCELS INCLUDING ADDRESS NOS. 3355 ST. JOHN'S LANE AND NOS. 9061, 9071, 9081 UPTON ROAD	PARCELS 39, 40, 81 & 455	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (RESIDENTIAL & COMMERCIAL)	4
W-121	MAP 25 GRID 8	MULTIPLE INDIVIDUALLY OWNED RESIDENTIAL PARCELS ALONG CHURCH ROAD AND SYLVAN LANE INCLUDING ADDRESS NOS. 3538 TO 3611 CHURCH ROAD, AND 3511 TO 3641 SYLVAN LANE	INCLUDES PARCELS 14, 15, 206, 325, AND OTHERS	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (RESIDENTIAL)	25
W-122	MAP 24 GRID 12	ST. PETERS EPISCOPAL CHURCH	PARCEL 939	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (INSTITUTIONAL USE)	1
W-123	MAP 25 GRID 14	HOGG PROPERTY	PARCEL 64, LOTS 1-22	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	F-06-109 PLAT AND PLANS RECORDED AND CONSTRUCTED (SINGLE FAMILY DETACHED)	22

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-124	MAP 30 GRID 9	HARVESTER BAPTIST CHURCH- 9605 OLD ANNAPOLIS ROAD	PARCEL 58	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (INSTITUTIONAL USE)	1
W-125	MAP 48 GRID 3	J MILLS FAMILY LLC; TLI PROPERTIES LLC; TURF PROPERTY LLC; ET AL	DORSEY RUN PARK PARCEL 5, LOTS UN1A, 1B, 1C, 2, 3	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (COMMERCIAL USE)	5
W-126	MAP 43 GRID 21	MARYLAND FOOD CENTER AUTHORITY	MARYLAND WHOLESALE FOOD MARKET, PARCEL 678, LOT PAR A	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (COMMERCIAL USE)	5
W-127	MAP 48 GRID 14	MULTIPLE EXISTING COMMERCIAL PARCELS ALONG GUILFORD ROAD IN ANNAPOLIS JUNCTION	PARCELS 34, 35, 36, 37, 38, 40, 41, 44, 48, 74, 124, 154	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (COMMERCIAL USE)	20
W-128	MAP 48 GRID 13	MULTIPLE EXISTING COMMERCIAL PARCELS ALONG CORRIDOR ROAD IN ANNAPOLIS JUNCTION	PARCELS 73, 75, 104, 105 & 106	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (COMMERCIAL USE)	20
W-129	MAP 47 GRID 21	LAUREL WOODS ELEMENARY SCHOOL	PARCEL 762	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (INSTITUTION USE)	1

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-130	MAP 50 GRID 3	NORTH LAUREL PARK	PARCEL 426	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (SINGLE FAMILY RESIDENTIAL & COMMERCIAL USE)	200
W-131	MAP 46 GRID 16	MULTIPLE INDIVIDUALLY OWNED RESIDENTIAL PARCELS IN HARDING WOODS SUBDIVISION AND ALONG HARDING ROAD	PARCEL 65, LOTS 1-27 PARCEL 173, LOTS 4-6	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (RESIDENTIAL) BY CONTRACTS 24-3450 & 24-3657	22
W-132	MAP 46 GRID 4	CHERRYTREE PARK	PARCEL 156	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	F-01-114, F-03-044 & F-03-153 PLATS RECORDED & CONSTRUCTED (SINGLE FAMILY ATTACHED & DETACHED)	298 PROP.
W-133	MAP 46 GRIDS 4 AND 9	HOWARD COUNTY PUBLIC WORKS; G&G ROUTE 29; ROUTE 216 LLC	PARCELS 176, 177, 288 AND 290	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING WATER MAINS (COMMERCIAL & GOVERNMENT USE)	1
W-134	MAP 35 GRID 11	HOWARD COUNTY	CEDAR ACRES, PARCEL 97, LOT 1, 6040 CEDAR LANE	SITE OF PROPOSED COLUMBIA 630-W ZONE WATER PUMPING STATION NO. 2	2015 W&S MASTER PLAN, SECTION 3.10-G, PAGE 3-24	1
W-135	MAP 29 GRID 12	JOEL BARRY BROWN & IRENE G. BROWN, TRUSTEES	10545 CLARKSVILLE PIKE, 1.628 ACRES, PARCEL 113, LOT 5	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 01-2017	1
W-136	MAP 10 GRID 22	BETTY LOU, MAURICE & WANDA COOK	11235 OLD FREDERICK ROAD, 1 ACRE, PARCEL 308, LOT 12	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 02-2017	1
W-137	MAP 46 GRID 04	ROUTE 216 LLC	11268 SCAGGSVILLE ROAD, 0.67 ACRES, PARCEL 176	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 03-2017	1

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
W-138	MAP 29 GRID 12	HECTOR & GLADYS ROCHA	10483 MD ROUTE 108, 1.0 ACRE, PARCEL 33	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 04- 2017	1
W-139	MAP 35 GRID 21	JOSH YOLTAY	7079 GUILFORD ROAD, 1.146 ACRES, PARCEL 222	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 05- 2017	1
W-140	MAP 35 GRID 23	LEROY & LOIS ELAINE PETERS	6610 CEDAR LANE, 1.80 ACRES, PARCEL 173	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 06- 2017	1
W-141	MAP 36 GRID 13	TIMOTHY R. & MARIA FOUTS	6210 WOODLEIGH DRIVE, 1.04 ACRES, PARCEL 226	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 01- 2018	1
W-142	MAP 31 GRID 04	JOSEPH C & LISA ANN PENKUSKY	4707 BEECHWOOD ROAD, 5.88 ACRES, PARCEL 119	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 02- 2018	1
W-143	MAP 34 GRID 12	CHARLES E. & PATRICIA K. HIGGS	12585 CLARKSVILLE PIKE, 1.09 ACRES, PARCEL 162	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 03- 2018	1
W-144	MAP 34 GRID 06 & MAP 28 GRID 24	ERICKSON LIVING PROPERTIES II LLC	CLARKSVILLE PIKE AT SHEPPARD LANE, 61 ACRES, MAP 34 PARCEL 185 AND P/O MAP 28 PARCEL 100	ENTERED PLANNED SERVICE AREA & 0-TO-5 YEAR SERVICE PRIORITY	COUNCIL BILL NO. 59- 2018	1,200
W-145	MAP 35	HOWARD COUNTY	TO BE DETERMINED	FUTURE WATER STORAGE TANK	EXPANSION OF PSA	N/A
W-146	MAP 9 GRID 24	ST. JAMES CHURCH	PARCEL 138, 9.07 ACRES	WATER SERVICE CONNECTION OUTSIDE OF PSA	COUNCIL RESOLUTION NO. 119- 2018	1

MASTER PLAN FOR WATER AND SEWERAGE
INTERIM AMENDMENT
March 2019

ATTACHMENT 6

EXHIBIT 2E- Sewer Plan Map Revision Code Table

This table lists and identifies each revision to the Sewer Plan Map including the revision of the Planned Service Area boundary, entries into the Metropolitan District and changes in the status of private development.

Each revision is identified by numerical code and includes the subdivision or property owner name, tax map number, parcel or lot number, a description of the revision, and the reason for the revision.

The numerical codes correspond to the revisions marked and coded in red on the EXHIBIT 2 East- Sewer Plan map included as Attachment 7.

EXHIBIT 2- SEWER PLAN MAP UPDATES

Revisions to Sewer Service Categories for Subdivision Activity from January 1, 2015 through December 30, 2018. Refer to Exhibit 2 of the 2015 Water & Sewer Master Plan for Map Revisions S-01 through S-81.

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/ BLOCK/ PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs (1)
S-82	MAP 35, GRID 11	HEI-SUN & HEE-SUN CHUNG	10932 HILLTOP LANE, 1.84 ACRES, PARCEL 41, LOT 12	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 1-2015	7 PROP.
S-83	MAP 34, GRID 18	HODDINOTT, LLC	ROUTE 32, 88.9557 ACRES, PARCEL 88	ENTERED METRO DISTRICT; CHANGE FROM 6-TO-10 TO 0-TO-5 YEAR SERVICE CATEGORY	METRO DISTRICT DECISION NO 2-2015; ECP-15-005 PLAN APPROVED	150 PROP.
S-84	MAP 34, GRID 18	JEANNE C. HODDINOTT	6166 ROUTE 32, 1.00 ACRES, PARCEL 97	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 3-2015	1
S-85	MAP 37, GRID 5	EARL W. STRAIN, JR., DOUGLAS B. STRAIN, ET. AL.	6275 MONTGOMERY ROAD, 6 ACRES, PARCEL 50	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 4-2015	11
S-86	MAP 37, GRID 5	EARL W. STRAIN, JR., DOUGLAS B. STRAIN, ET. AL.	6249 MONTGOMERY ROAD, 6 ACRES, PARCEL 49	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 5-2015	10
S-87	MAP 31, GRID 4	ROSALIE B. WELSH	4738 ILCHESTER ROAD, 12.7689 ACRES, PARCEL 122	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 6-2015	2
S-88	MAP 42, GRID 22	RICHARD A. DOUSE AND DONNA E. DOUSE, TRUSTEES OR THEIR SUCCESSORS	9454 VOLLMERHAUSEN ROAD, 2.02 ACRES, PARCEL 167	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 7-2015	2
S-89	MAP 46, GRID 3	JEAN M. LEWIS	11296 SCAGGSVILLE ROAD, 1.00 ACRES, PARCEL 200	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 8-2015	1
S-90	MAP 41, GRID 11	OWEN M. WOODWARD AND TATIA C. WOODWARD	10715 MOOSBERGER COURT, 1.054 ACRES, PARCEL 420, LOT 25	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 9-2015	1
S-91	MAP 35, GRID 14	PETER DONALD CONGEDO AND CHERIE BROOKS CONGEDO	6281 TROTTER ROAD, 5.8 ACRES, PARCEL 64	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 10-2015	6
S-92	MAP 31, GRID 17	KEITH CAIN	5037 LANDING ROAD, 2.37 ACRES, PARCEL 334	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 11-2015	1
S-93	MAP 41, GRID 6	MG RENOVATIONS, LLC	10614 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 10	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO 12-2015	1
S-94	MAP 34, GRID 21	W.R. GRACE & CO.-CONN	7600 GRACE DRIVE, 57.797 ACRES, PARCEL 145 (B-1)	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 13-2015	184 PROP.

Note (1) EDUs = Equivalent Dwelling Units; one EDU represents the avg. sewerage flow production of one residential unit.

PROP.: Proposed or planned units.

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
S-95	MAP 41 GRID 18	SUSAN SLAMA	7570 KINDLER OVERLOOK DR, 5.19 ACRES, PARCEL 245	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 01-2016	1
S-96	MAP 34 GRID 12	6209 GUILFORD ROAD LLC	6209 GUILFORD ROAD, 1.147 ACRES, PARCEL 226	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 02-2016	1
S-97	MAP 31 GRID 16	JOHN & ANN DWYER	5204 TALBOTS LANDING ROAD, 1.26 ACRES, PARCEL 685	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 03-2016	1
S-98	MAP 34 GRID 12	EUGENE & JUNE MARIE LIVERETTE	6110 THOMPSON DRIVE, 0.45 ACRES, PARCEL 217, LOT 9	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 04-2016	1
S-99	MAP 34 GRID 12	EUGENE & JUNE MARIE LIVERETTE	6112 THOMPSON DRIVE, 0.46 ACRES, PARCEL 141, LOT 10	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 05-2016	1
S-100	MAP 34 GRID 12	MARK & SHIRLEY WILSON	12301 WAKE FOREST DRIVE, 0.91 ACRES, PARCEL 179, LOTS 7 & 8	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 06-2016	2
S-101	MAP 41 GRID 6	MARK & PATRICIA WHEELER	10617 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 19	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 07-2016	1
S-102	MAP 41 GRID 5	MICHAEL BARLOW & WENDY SMITH- BARLOW	10832 VISTA ROAD, 0.92 ACRES, PARCEL 398, LOT 1	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 08-2016	1
S-103	MAP 34 GRID 12	JA TEN OAKS LLC	6375 TEN OAKS ROAD, 0.289 ACRES, PARCEL 161	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 09-2016	1
S-104	MAP 41 GRID 5	HAROLD & TOBY ORENSTEIN	10709 VISTA ROAD, 1 ACRE, PARCEL 304, LOT 72	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 10-2016	1
S-105	MAP 41 GRID 5	STEPHEN & ANGELA KAY COHEN	10818 HUNTING LANE, 1.0 ACRE, PARCEL 273, LOT 64	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 11-2016	1
S-106	MAP 31 GRID 16	CHETAN MEHTA	5192 TALBOTS LANDING ROAD, 1.229 ACRES, PARCEL 688, LOT 7D	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 12-2016	1
S-107	MAP 31 GRID 16	BARRY MEHTA	5196 TALBOTS LANDING ROAD, 1.49 ACRES, PARCEL 688, LOT 7C	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 13-2016	1
S-108	MAP 47 GRID 2	GEORGE & BONNIE FRAZEE	10020 GORMAN ROAD, 1.32 ACRES, PARCEL 621, LOT 2	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 14-2016	1
S-109	MAP 46 GRID 2	MAPLE LAWN FARMS, INC.	11621 SCAGGSVILLE ROAD, 91.25 ACRES, PARCEL 113	ENTERED METRO DISTRICT; FROM 6- TO-10 YEAR TO 0- TO-5 YEAR SERVICE PRIORITY	COUNCIL BILL NO. 19- 2016	176 PROP.
S-110	MAP 41 GRID 6	JARED SCOTT & HOLLY SCOTT	10618 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 11	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 15-2016	1
S-111	MAP 41 GRID 6	FRANKLIN DAVID & ELIZABETH DAVID	10622 HUNTING LANE, 1 ACRE, PARCEL 174, LOT 12	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 16-2016	1

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
S-112	MAP 47 GRID 2	KINGDON GOULD JR. & MARY GOULD	10030 GORMAN ROAD, 1.603 ACRES, PARCEL 475	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 17-2016	1
S-113	MAP 47 GRID 2	KINGDON GOULD JR. & MARY GOULD	10026 GORMAN ROAD, 6.058 ACRES, PARCEL 475, LOT 1	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 18-2016	1
S-114	MAP 18 GRID 7	REINHARDT PROPERTY	PARCEL 9, LOTS 1-20 (HOLLY SPRINGS CT)	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (SINGLE FAMILY DETACHED)	20
S-115	MAP 17 GRIDS 12 & 18	A. OAK GLEN B. HUBBARD PROPERTY (#8644 OLD FREDERICK ROAD)	A. PARCEL 748, LOTS 1-4 B. PARCEL 49	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	OAK GLEN PLAT F-05-062 RECORDED. THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (SINGLE FAMILY DETACHED).	5
S-116	MAP 18 GRID 13	MULTIPLE INDIVIDUAL PARCELS INCLUDING ADDRESS NOS. 8432 TO 8478 CHURCH LANE ROAD	PARCELS 27, 292, 293, 294, 304 & 307	FROM COMPREHENSIVE TO 0-5 YEAR SERVICE PRIORITY.	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (SINGLE FAMILY DETACHED).	12
S-117	MAP 17 GRID 18	MULTIPLE INDIVIDUAL PARCELS INCLUDING ADDRESS NOS. 2700 TO 2750 NORTH RIDGE ROAD	PARCELS 80C & 80E, 95 & 96	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (SINGLE FAMILY DETACHED).	6
S-118	MAP 17 GRIDS 5,6,11 AND 12	ESTATES AT PATAPSCO PARK	PAR. 751, LOTS 1-195 & OS LOTS 196-202	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	F-14-124 PLAT RECORDED (RESIDENTIAL)	196 PROP.
S-119	MAP 17 GRID 14	HARVEY GOSS	PARCEL 616 (BETHANY LANE)	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (RESIDENTIAL SFD).	1
S-120	MAP 16 GRID 5	GTW'S WAVERLY WOODS	WAVERLY WOODS SEC.11, AREA 2 PARCEL 435, LOTS 81-90 (CHATTERTON WAY)	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	PLAT F-04-008 RECORDED. THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (RESIDENTIAL SFD).	10

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
S-121	MAP 16 GRID 10	ALPHA RIDGE LANDFILL	PARCEL 302	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	SEWER CONTRACT 20- 3776 WAS CONSTRUCTED (GOVERNMENT USE).	10
S-122	MAP 16 GRID 11	VILLAGES AT TURF VALLEY, PH 1, SEC 2 & PH 4	PARCEL 8, LOTS 1-62 & LOTS 177-199	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	F-08-86 PLAT RECORDED (RESIDENTIAL)	85 PROP.
S-123	MAP 16 GRID 10	VILLAGES AT TURF VALLEY, PHASE 2, SEC 2	PARCELS 8 & 401 LOTS 210-257	0-5 TO EXISTING	F-10-78 PLAT RECORDED (RESIDENTIAL)	49 PROP.
S-124	MAP 16 GRID 24; MAP 23 GRIDS 6- 18	WESTMOUNT SUBDIVISION; PART OF DOUGHOREGAN PROPERTY	PARCEL 149, LOTS 1 AND PAR A- 221 ACRES	FROM 6-TO-10 SERVICE PRIORITY TO 0-TO-5 YEAR SERVICE PRIORITY	SP-14-008 FOR LOTS 3 THRU 327 SIGNED; PHASE 1 ROAD PLAN F- 15-087 AND PHASE 2 ROAD PLAN F-16-046 TECHNICALLY COMPLETE (RESIDENTIAL)	325 MAX.
S-125	MAP 17 GRID19	MULTIPLE INDIVIDUALLY OWNED RESIDENTIAL PARCELS INCLUDING ADDRESS NOS. 3000 TO 3079 MULLINEAUX LANE	INCLUDES PARCELS 129, 329, 440 & 509	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (SINGLE FAMILY DETACHED)	27
S-126	MAP 24 GRID 12	ST. PETERS EPISCOPAL CHURCH	PARCEL 939	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (INSTITUTIONAL USE)	1
S-127	MAP 30 GRID 9	HARVESTER BAPTIST CHURCH- 9605 OLD ANNAPOLIS ROAD	PARCEL 58	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (INSTITUTIONAL USE)	1
S-128	MAP 48 GRID 3	J MILLS FAMILY LLC; TLI PROPERTIES LLC; TURF PROPERTY LLC; ET AL	DORSEY RUN PARK PARCEL 5, LOTS UN1A, 1B, 1C, 2, 3	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (COMMERCIAL USE)	5
S-129	MAP 43 GRID 21	MARYLAND FOOD CENTER AUTHORITY	MARYLAND WHOLESALE FOOD MARKET, PARCEL 678, LOT PAR A	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (COMMERCIAL USE)	5

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
S-130	MAP 48 GRID 12	EXETER INDUSTRIAL PARK	PARCEL 142	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (COMMERCIAL USE)	10
S-131	MAP 48 GRID 14	MULTIPLE EXISTING COMMERCIAL PARCELS ALONG GUILFORD ROAD IN ANNAPOLIS JUNCTION	PARCELS 34, 35, 36, 37, 38, 40, 41, 44, 48, 74, 124, 154	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (COMMERCIAL USE)	20
S-132	MAP 48 GRID 13	MULTIPLE EXISTING COMMERCIAL PARCELS ALONG CORRIDOR ROAD IN ANNAPOLIS JUNCTION	PARCELS 73, 75, 104, 105 & 106	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (COMMERCIAL USE)	20
S-133	MAP 47 GRID 21	LAUREL WOODS ELEMENARY SCHOOL	PARCEL 762	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (INSTITUTION USE)	4
S-134	MAP 50 GRID 3	NORTH LAUREL PARK	PARCEL 426	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (SINGLE FAMILY RESIDENTIAL & COMMERCIAL USE)	200
S-135	MAP 46 GRID 16	MULTIPLE INDIVIDUALLY OWNED RESIDENTIAL PARCELS IN HARDING WOODS SUBDIVISION AND ALONG HARDING ROAD	PARCEL 65, LOTS 1-27 PARCEL 173, LOTS 4-6	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS BY CONTRACTS 24-3540 & 24-3657 (RESIDENTIAL USE)	22
S-136	MAP 46 GRID 4	CHERRYTREE PARK	PARCEL 156	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	F-01-114, F-03-044 & F-03-153 PLATS RECORDED & CONSTRUCTED (SINGLE FAMILY ATTACHED & DETACHED)	298 PROP.
S-137	MAP 46 GRID 4	HOWARD COUNTY PUBLIC WORKS	PARCEL 288	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (GOVERNMENT USE)	1

MAP ID	TAX MAP	SUBDIVISION OR OWNER NAME	SECTION/AREA/BLOCK/PARCEL/LOTS	PROPOSED REVISION	REVISION JUSTIFICATION	EDUs
S-138	MAP 38 GRID 2	GABLES AT LAWYERS HILL ASSN, ELKRIDGE ELEMENTARY SCHOOL & ELKRIDGE LANDING MIDDLE SCHOOL	PARCELS 20 & 23	FROM 0-5 YEAR SERVICE PRIORITY TO EXISTING AND UNDER CONSTRUCTION	THIS IS A MAP REVISION TO UPDATE SMALL DEVELOPED PARCELS THAT HAVE FRONTAGE TO EXISTING SEWER MAINS (RESIDENTIAL SFD & INSTITUTIONS).	8
S-139	MAP 29 GRID 12	JOEL BARRY BROWN & IRENE G. BROWN, TRUSTEES	10545 CLARKSVILLE PIKE, 1.628 ACRES, PARCEL 113, LOT 5	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 01-2017	1
S-140	MAP 10 GRID 22	BETTY LOU, MAURICE & WANDA COOK	11235 OLD FREDERICK ROAD, 1 ACRE, PARCEL 308, LOT 12	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 02-2017	1
S-141	MAP 46 GRID 04	ROUTE 216 LLC	11268 SCAGGSVILLE ROAD, 0.67 ACRES, PARCEL 176	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 03-2017	1
S-142	MAP 29 GRID 12	HECTOR & GLADYS ROCHA	10483 MD ROUTE 108, 1.0 ACRE, PARCEL 33	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 04-2017	1
S-143	MAP 35 GRID 21	JOSH YOLTAY	7079 GUILFORD ROAD, 1.146 ACRES, PARCEL 222	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 05-2017	1
S-144	MAP 35 GRID 23	LEROY & LOIS ELAINE PETERS	6610 CEDAR LANE, 1.80 ACRES, PARCEL 173	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 06-2017	1
S-145	MAP 36 GRID 13	TIMOTHY R. & MARIA FOUTS	6210 WOODLEIGH DRIVE, 1.04 ACRES, PARCEL 226	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 01-2018	1
S-146	MAP 31 GRID 04	JOSEPH C & LISA ANN PENKUSKY	4707 BEECHWOOD ROAD, 5.88 ACRES, PARCEL 119	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 02-2018	1
S-147	MAP 34 GRID 12	CHARLES E. & PATRICIA K. HIGGS	12585 CLARKSVILLE PIKE, 1.09 ACRES, PARCEL 162	ENTERED METRO DISTRICT	METRO DISTRICT DECISION NO. 03-2018	1
S-148	MAP 34 GRID 06 & MAP 28 GRID 24	ERICKSON LIVING PROPERTIES II LLC	CLARKSVILLE PIKE AT SHEPPARD LANE, 61 ACRES, MAP 34 PARCEL 185 AND P/O MAP 28 PARCEL 100	ENTERED PLANNED SERVICE AREA & 0-TO-5 YEAR SERVICE PRIORITY	COUNCIL BILL NO. 59-2018	1,200

MASTER PLAN FOR WATER AND SEWERAGE
INTERIM AMENDMENT
March 2019

ATTACHMENT 7

EXHIBIT 1- WATER PLAN map

The updated map shows the changes to the water service area that correspond to the Water Plan Map Revision Code Table in Attachment 5.

EXHIBIT 2E- SEWER PLAN map

The updated map shows the changes to the sewerage service area that correspond to the Sewer Plan Map Revision Code Table in Attachment 6.

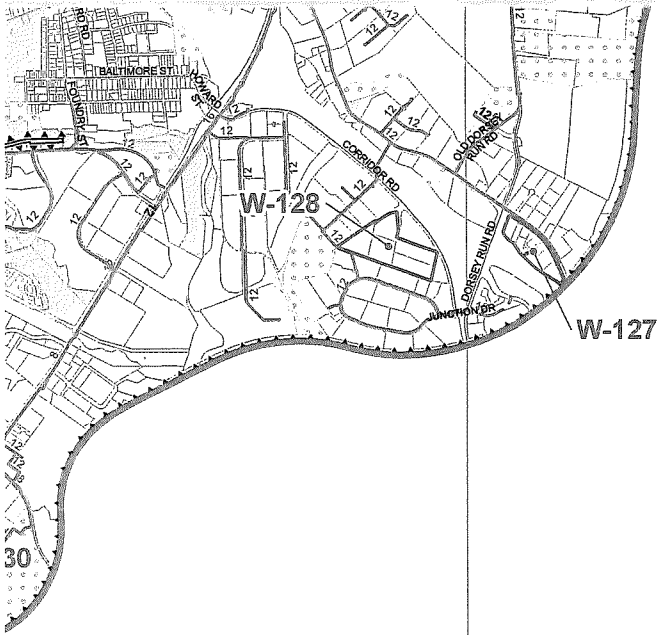


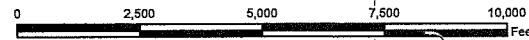
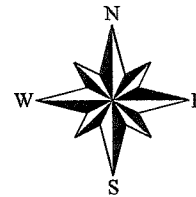
EXHIBIT 1

HOWARD COUNTY

MASTER PLAN FOR WATER AND SEWER

WATER

MARCH 2019 INTERIM AMENDMENT



NOTE: BASE MAP DEVELOPED ON HOWARD COUNTY TAX MAPS

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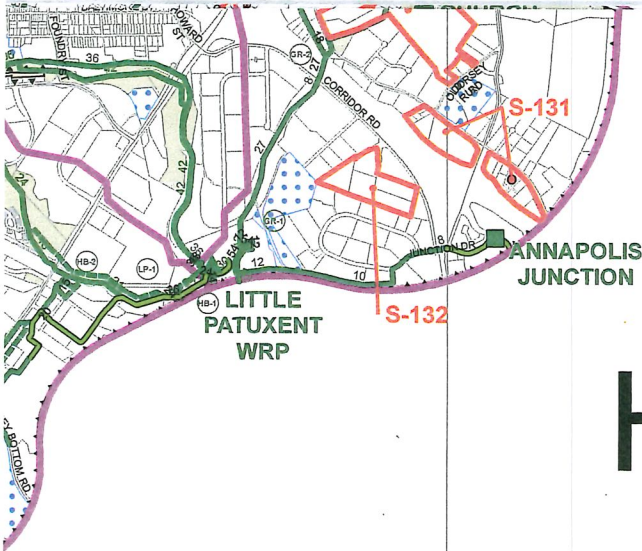
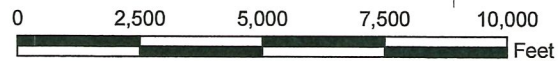
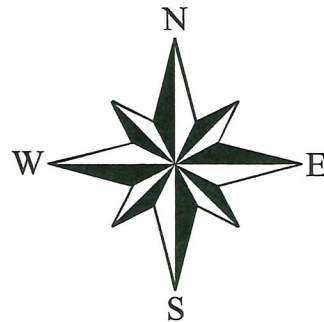


EXHIBIT 2 - East HOWARD COUNTY

MASTER PLAN FOR WATER AND SEWER

SEWER

MARCH 2019 INTERIM AMENDMENT



HOWARD COUNTY TAX MAPS

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