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COUNTY COUNCIL
OF
HARFORD COUNTY, MARYLAND

Resolution No. 016-17

Legislative Session Day 17-022

September 5, 2017

Introduced by Council President Slutzky at
the request of the County Executive

A RESOLUTION providing for the adoption of the Master Water and Sewer Plan Fall 2017 update, a copy of which is attached hereto, and for submission of the Plan to the Maryland Department of the Environment for its approval and implementation pursuant to Title 9 of the Environment Article of the Maryland Annotated Code.

RESOLUTION NO. 016-17

1 WHEREAS, the Harford County Code requires that the Water and Sewer Plan be updated
2 every 6 months; and

3 WHEREAS, the Code further provides that the revised Plan be submitted to the County
4 Council for their approval on the first Tuesday of March and September.

5 NOW, THEREFORE, BE IT RESOLVED by the County Council of Harford County,
6 Maryland, that the Master Water and Sewer Plan Fall 2017 update is hereby adopted and shall be
7 submitted to the Maryland Department of the Environment for its approval and implementation
8 pursuant to Title 9 of the Environment Article of the Maryland Annotated Code.

9 AND BE IT FURTHER RESOLVED that the County Council shall take final action on
10 this Resolution within 60 business days of introduction.

ATTEST:

Myliia Dixon
Council Administrator

Richard C. Slutzky
President of the Council

ADOPTED:

Water and Sewer Master Plan
Fall 2017 Update

Below is a summary of the proposed changes for the Fall 2017 revision of the Water and Sewer Master Plan:

- **The proposed subdivision known as Locust View is being placed in the W-3/S-3 categories. This project has an approved Preliminary Plan for 9 single family homes through the Department of Planning and Zoning. The project is likely to begin development in the next one to five years.**
- **The property located at 1215 Old Mountain Road in Joppa is being placed in the W-5/S-5 categories as a map correction. This property does not have access to public sewer, but the map erroneously shows the property as having existing sewer service.**
- **The Ashley Addiction Treatment Center on Tydings Lane is being placed into the S-3 Category at the request of the City of Aberdeen. The facility is planning to connect to the City's waste water treatment system after the necessary agreements have been executed.**
- **In the General Description of the water systems in Chapter Three, Section 3.01, water appropriation permit information was added to the paragraph which describes water system for the Aberdeen Area of APG.**
- **In the description of the Harford County Central Water System in Chapter Three, Section 3.05, a statement was added which clarifies the timeframe in which the next expansion of the Abingdon Water Treatment Plant would be required.**
- **In the description of Town of Bel Air water system in Chapter Three, Section 3.06, the discussion of the Maryland American water system's impoundment structure is being updated to reflect the progress of the project.**
- **Table 3-1 "Planned Developments" was revised to reflect the approval of a new project as well as the further development of several projects in the last six months.**
- **Table 3-8 "Planned Capital Water Projects" was adjusted to add new projects for the City of Havre de Grace and the City of Aberdeen. The timing of several other projects within the City of Aberdeen was also revised in accordance with their request. The table in this workbook only includes the projects to which changes are proposed. A comprehensive table showing all capital water projects in the County and the three municipalities can be found in Chapter Three of the overall Water and Sewer Master Plan document.**
- **Table 4-2 "Planned Capital Sewerage Projects" was adjusted to add several new projects for the City of Aberdeen including sewer service to the Ashley Treatment Center. The status of several other projects within the City was also updated at their request. The table in this workbook includes only those projects to which changes are proposed.**

Tables and Grids

GRID A-2

<u>REVISION NO.</u>	<u>NAME/MAP/PARCEL</u>	<u>ACTION</u>	<u>REASON</u>	<u>ZONING/UNITS</u>
1	Locust View Tax Map 40 and 48, Parcels 185 and 91	W-5/S-5 to W-3/S-3	Approved Preliminary Plan	R-2 Approximately 2.8 acres 9 Single Family homes

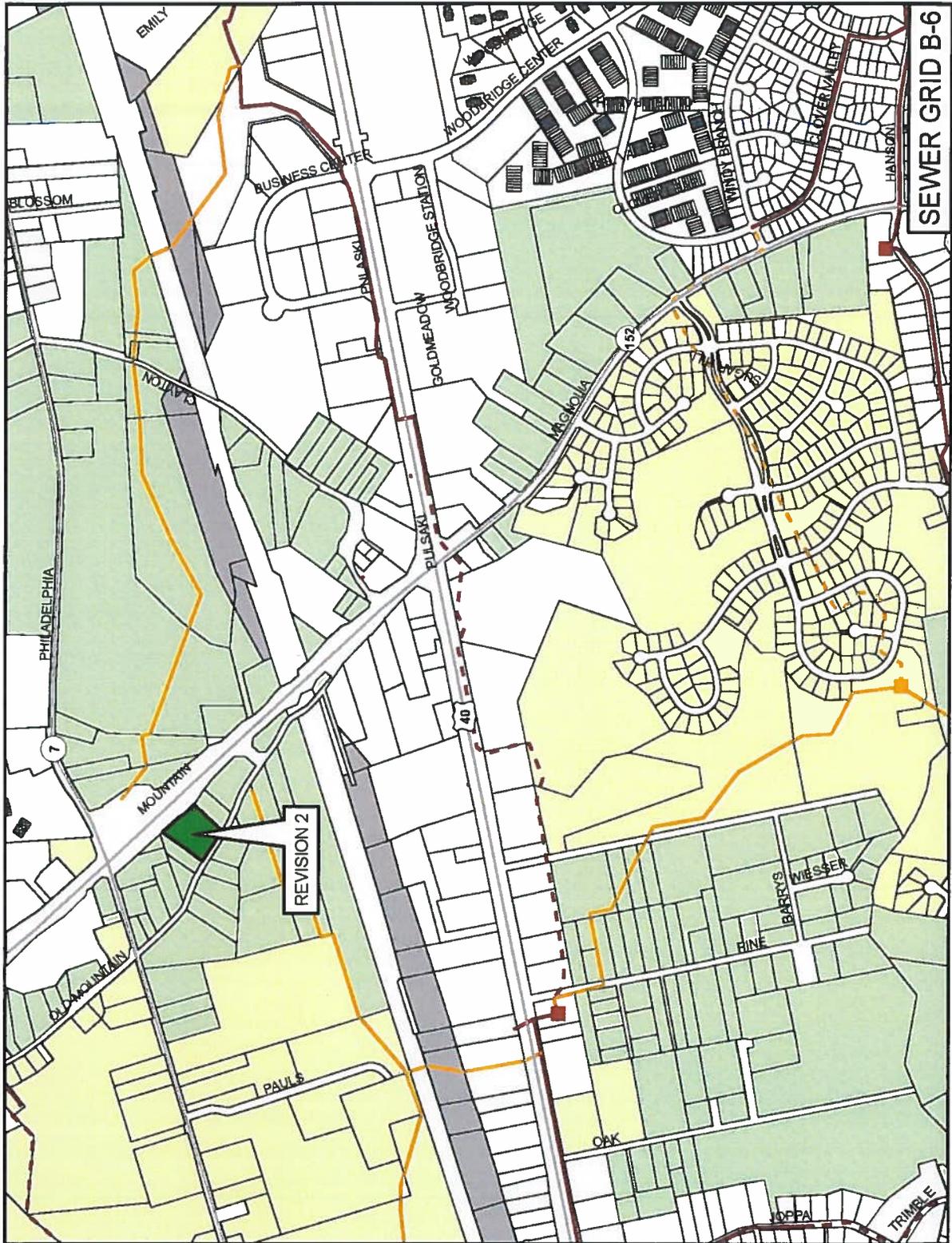
The following description will be added into Section 3.14, Proposed Developments, in Chapter Three of the Plan:

Locust View

This proposed subdivision is located along the west side of Locust Avenue, north of Vale Road. The site consists of approximately 2.8 acres and is shown on Grid A-2 and is zoned R-2. The development proposes 9 single family homes creating a water demand of 2,700 gallons per day.

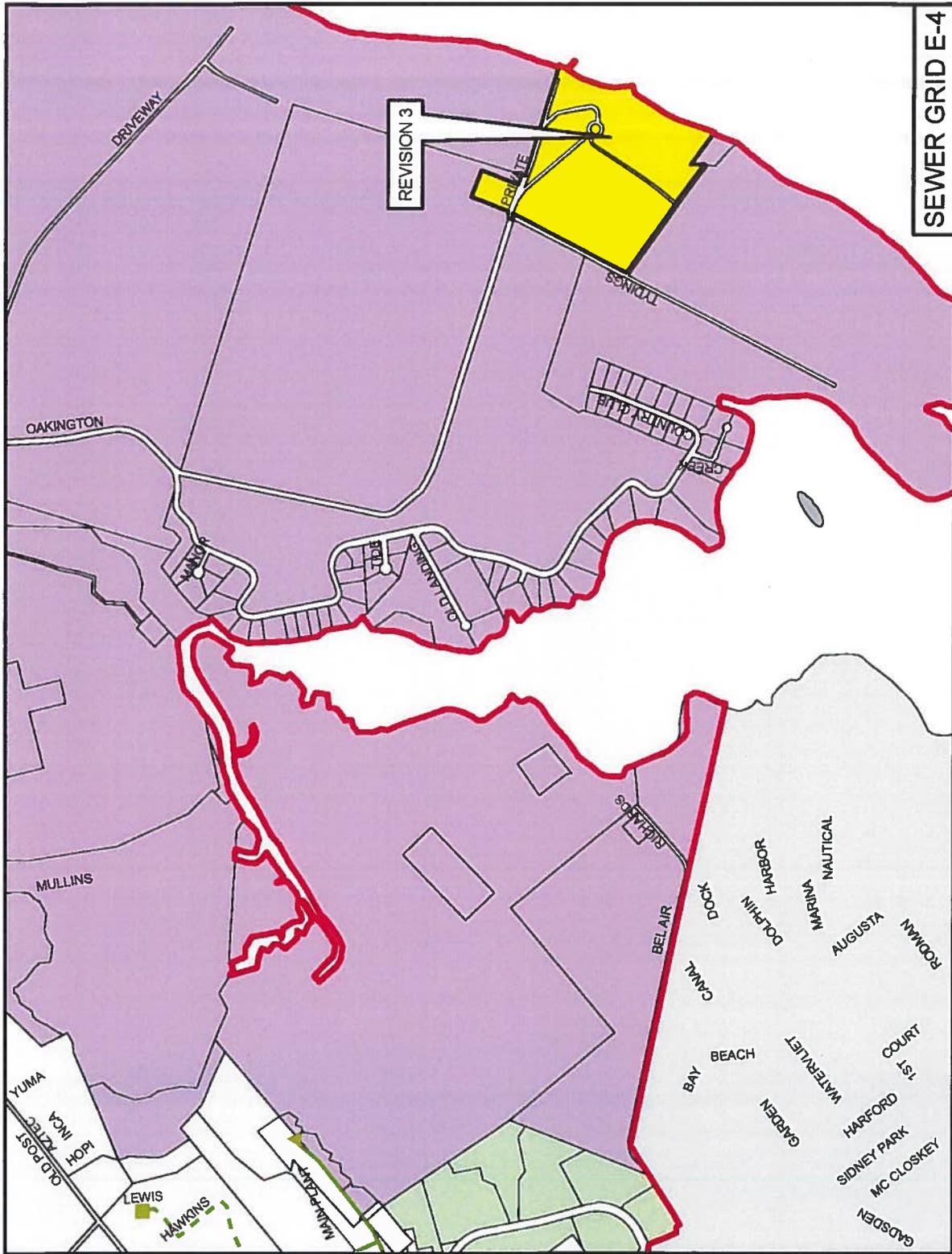
GRID B-6

<u>REVISION NO.</u>	<u>MAP/PARCEL/SIZE</u>	<u>ACTION</u>	<u>REASON</u>
2	Tax Map 65, Parcel 120, 1.83 acres	S-1 to S-5	This property does not have access to public sewer, but the map erroneously shows it as having existing service.



GRID E-4

<u>REVISION NO.</u>	<u>NAME/MAP/PARCEL/SIZE</u>	<u>ACTION</u>	<u>REASON</u>
3	Ashley Treatment Center, Tax Map 59, Parcel 155, 1.83 acres	S-6 to S-3	This property/facility is planning to connect to the City of Aberdeen's wastewater treatment system upon execution of the necessary agreements.



SEWER GRID E-4

Chapter Three

In the General Description of the water systems in Chapter Three, Section 3.01, The Maryland Department of the Environment requested that we add the following text to the paragraph describing the Aberdeen Area of the Aberdeen Proving Ground's water system:

The City of Aberdeen is also responsible for water treatment and distribution to APG-AA. On June 22, 2004, the County and the City amended the Water Service Purchase agreement to include an additional 1.5 mgd to be used at the Chapel Hill Interconnection in order for the City to provide a reliable back up supply for APG-Aberdeen Area as referenced by Susquehanna River Basin Commission (SRBC) Docket Number 20021210. In 2012 it was determined by Aberdeen Proving Ground. and the City that APG- AA required additional source water needs and the County and City executed the ninth agreement that would provide up to an additional 500,000 gpd until June 30, 2017, at which time it is anticipated that APG-AA area would have Building 250, a groundwater treatment plant, back online to produce up to 3 million gallons per day of potable water. **In April 2017, the Maryland Department of the Environment issued a water appropriation permit to Aberdeen Proving Ground authorizing an annual average of 1,620,000 gallons of groundwater per day (gpd) and 2,110,000 in the month of maximum use for the APG-AA community water system.**

In the description of the Central Water System in Chapter Three, Section 3.05, The Maryland Department of the Environment requested that we provide an indication of when the expansion of the Abingdon water treatment plant would occur. The following statement was added:

B. Abingdon Water Treatment Plant

In July of 2012, Harford County received a commitment from the City of Baltimore to allow the County to purchase an additional 5 million gallons per day of raw water. This will raise the amount of available raw water at the Abingdon Water Treatment Plant to 25 million gallons over any 24 hour period. The treatment plant must be expanded to be able to treat the additional water. When the expansion is complete, the total quantity of finished water will be approximately 23.75 million gallons per day from the Abingdon Water Treatment Plant. Planning projections indicate that this expansion will be needed after 2035.

In the description of the water system for the Town of Bel Air in Chapter Three, Section 3.06, the discussion of the Maryland American Water System's impoundment structure is being updated to reflect the progress of the project:

The Maryland American Water Company is in the process of ~~designing an off-line earthen dam structure~~ building a 90 million gallon off-stream earthen dam impoundment and associated pump station to augment its source of supply during drought conditions. The impoundment will provide approximately 1 million gallons per day of raw water during severe drought conditions when water cannot be withdrawn from Winters Run or when water quality in Winters Run is not optimal for treatment. The impoundment structure will be located directly across Winter's Run from the existing Winters Run Water Treatment Plant and should be in-service and ready for filling by the end of 2018 or early 2019. The operation of the facility ~~would~~ will include withdrawing water from Winters Run when stream flow is high to fill the impoundment for future use. ~~The impoundment will be used w~~ Water will then be withdrawn from the impoundment when the stream flow is not adequate to meet permit conditions and when raw water quality is not optimal for treatment.

3.15 TABLE 3-1 PLANNED DEVELOPMENTS

DEVELOPMENT	COUNCIL DISTRICT	SERVICE ZONE	W1/S1 UNITS	W3/S3 UNITS	W5/S5 UNITS	TOTAL UNITS	MAP GRID	UNIT CODE
ABINGDON WOODS	F	H1		928		928	B-5, C-5	IND
APPLETREE ORCHARD	E	H3	32	0		32	B-4	SF,TH
BEECHTREE ESTATES	E	H1	361	385		746	D-4	SF, TH
BERKSHIRE MANOR	F	H1		290		290	D-4	SF, TH
BOX HILL SOUTH	B	H2	1,062	33		1095	B-5	SF,TH, SC, COM,AP
CONSTANT FRIENDSHIP BUSINESS	B	H1	619	33		652	B-5	COMM
COSENTINO PROPERTY	A	H1		4		4	B-6	SF
CROSSROADS AT HICKORY	D	H3	24	29		58	B-2	COMM
EAST GATE	F	H1		1080		1080	D-4, D-5	IND
ENCLAVE AT BOX HILL	B	H2	240	149		389	B-5	AP
EVA MAR	E	H3		666		666	B-2	SF, TH, APP, COMM
EVERGREEN FARMS	B	H1	198	151		349	B-4	AP,UNK
FLYING POINT MARINA	A	H1		200		200	C-6	AP
FOREST GREENS SECTION 1-D	F	H1	14		23	37	D-5	SF
FOSTERS RUN	A	H1		233		233	B-6	SF
GLENANGUS	C	H3	229	15		244	B-3	SF,TH
GRAY'S RUN OVERLOOK	E	H1	19	20		39	D-4	SF
HAMILTON RESERVE	B	H4	61 32	0 29		61	A-4	SF
HAMILTON RESERVE II	B	H4		16		16	A-4	SF
HOLLY WOODS	F	H1	823	196		1019	D-4	TH,AP
JAMES RUN	F	H2		444		444	C-4	IND
JOPPA CROSSING	A	H1	171	53		224	A-6	SF, COMM

UNIT CODE
 EQ - EQUIVALENT UNIT - S.F. UNIT
 MH - MOBILE HOME PARK
 SF - SINGLE FAMILY DWELLING
 TH - TOWNHOUSE
 AP - APARTMENTS CONDOS
 COMM - COMMERCIAL/BUSINESS
 IND - INDUSTRIAL
 UNK - UNKNOWN
 SC - SCHOOL
 CH - CHURCH

WATER SOURCE
 H - HARFORD COUNTY SYSTEM, ZONES 1,2,3 OR 4
 MA - MARYLAND-AMERICAN SYSTEM
 G - GREENRIDGE UTILITIES INC. SYSTEM
 C - CAMPUS HILLS WATER COMPANY
UNIT DEFINITIONS
 W1/S1 - EXISTING WATER AND SEWER SERVICE
 W3/S3 - ANTICIPATED SERVICE WITHIN 1 TO 5 YEARS
 W5/S5 - ANTICIPATED SERVICE WITHIN 6 TO 10 YEARS

TABLE 3-1 PLANNED DEVELOPMENTS

DEVELOPMENT	COUNCIL DISTRICT	SERVICE ZONE	W1/S1 UNITS	W3/S3 UNITS	W5/S5 UNITS	TOTAL UNITS	MAP GRID	UNIT CODE
LAKESIDE INDUSTRIAL PARK	F	H1	346	51		397	B-5	IND
LAUREL BUSH ESTATES	F	H2		136		136	C-4	SF
LAUREL RIDGE	F	H2	115	57		172	C-4	SF,TH
<u>LOCUST VIEW</u>	<u>C</u>	<u>H4</u>		<u>9</u>		<u>9</u>	<u>A-2</u>	<u>SF</u>
MAGNESS EXEMPTION	C	H3	166 106	135 195		301	B-4	SF,TH
MAGNOLIA LANDING	A	H1	104	197		301	B-7	TH
MARBLE ARCH/WEST PROPERTY	F	H1	86	4		90	C-4	COMM
MARINER'S REST	A	H1		12		12	A-6	SF
MELISSA MANOR	F	H1		9		9	B-5	SF
MILLER PROPERTY	E	H1		3		3	D-4	SF
MITCHELL PROPERTY	F	H1			816	816	D-5, D-6	SF
MONARCH GLEN	C	H3		124		124	B-4	SF,TH
OAK GROVE/STANCILLS	A	H1		242		242	B-6	SF
OSBORN PROPERTY	E	H1			490	490	D-4	UNK
PERRYMAN FOREST	F	H1		21	6	27	D-5	SF
PERRYMAN INDUSTRIAL PARK	F	H1	751	130		881	D-5, D-6	IND
POUSKA PROPERTY	F	H1			52	52	C-5	SF
RAVENS WOODS	A	H1		27		27	B-5	TH
RED PUMP CRESCENT	C	H4		46		46	A-2	SF,TH
RESERVE AT RIVERSIDE	F	H2	400	16		416	C-4	AP
RIVERSIDE EAST BUSINESS PARK	F	H1	701	0		701	D-4	IND
RIVERSIDE IND. PARK	F	H1	1,387	288		1675	D-4, D-5	IND
RIVERWOODS AT TOLLGATE	B	H1	84	86		170	B-5	AP, COMM
ROGERS FORD	A	H1	89 64	0 25		89	B-6	SF

UNIT CODE
 EQ-EQUIVALENT UNIT - S.F. UNIT
 MH - MOBILE HOME PARK
 SF - SINGLE FAMILY DWELLING
 TH - TOWNHOUSE
 AP - APARTMENTS CONDOS
 COMM - COMMERCIAL BUSINESS
 IND - INDUSTRIAL
 UNK - UNKNOWN
 SC - SCHOOL
 CH - CHURCH

WATER SOURCE
 H-HARFORD COUNTY SYSTEM, ZONES 1,2,3 OR 4
 MA - MARYLAND-AMERICAN SYSTEM
 G - GREENRIDGE UTILITIES INC. SYSTEM
 C - CAMPUS HILLS WATER COMPANY

UNIT DEFINITIONS
 W1/S1 - EXISTING WATER AND SEWER SERVICE
 W3/S3 - ANTICIPATED SERVICE WITHIN 1 TO 5 YEARS
 W5/S5 - ANTICIPATED SERVICE WITHIN 6 TO 10 YEARS

TABLE 3-1 PLANNED DEVELOPMENTS

DEVELOPMENT	COUNCIL DISTRICT	SERVICE ZONE	W1/S1 UNITS	W3/S3 UNITS	W5/S5 UNITS	TOTAL UNITS	MAP GRID	UNIT CODE
SEWELL STATION SOUTH	F	H1		5		5	C-5	SF
SOMERSET HILL	C	H3		33		33	B-4	SF
SONGBIRD WOODS	F	H1	<u>33</u>	033		33	C-5	TH
SPENCER WOODS	F	H2	<u>21</u>	021		21	C-5	SF
TOWNES AT BYNUM RUN	E	H3	<u>38</u>	3472		72	B-3	TH
TRIMBLE KNOLL	A	H1		16		16	B-6	SF
TRIMBLE MEADOWS	A	H1	114	67		181	B-6	TH
TWS TOLLGATE	C	H3		21		21	B-4	SF
VAN BIBBER	F	H1		9		9	B-6	SF
WARD PROPERTY	D	MA		25		25	A-1	SF
WELZENBACH PROPERTY	A	H1			179	179	C-6	SF
WEST SHORE	F	H1	553	23		576	B-6, C-6	TH, COMM
WYNDEMEDE	E	H4	142	10	16	142	B-2	COMM

TOTAL OF FALL 2016 <u>SPRING 2017</u>	<u>6,988</u>	7,616
PROPERTIES MADE OPERATIONAL, COMPLETED PROJECTS OR CORRECTIONS	<u>-207</u>	-782
NEW AND REVISED PRELIMINARY PLAN APPROVALS	<u>+9</u>	124
TOTAL ADJUSTMENTS	<u>-198</u>	-658
TOTAL OF FALL <u>SPRING</u> 2017	<u>6,760</u>	6,958

UNIT CODE
 EQ - EQUIVALENT UNIT - S.F. UNIT
 MH - MOBILE HOME PARK
 SF - SINGLE FAMILY DWELLING
 TH - TOWNHOUSE
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 C - CAMPUS HILLS WATER COMPANY

UNIT DEFINITIONS
 W1 S1 - EXISTING WATER AND SEWER SERVICE
 W3 S3 - ANTICIPATED SERVICE WITHIN 1 TO 5 YEARS
 W5 S5 - ANTICIPATED SERVICE WITHIN 6 TO 10 YEARS

TABLE 3-1 PLANNED DEVELOPMENTS

PLANNED DEVELOPMENTS IN W-3/S-3 CATEGORY			
BY ZONING CATEGORY			
ZONING CATEGORY	<u>Residential Units</u> R1,R2,R3,R4	<u>Eq. Residential Units</u> <u>in business zone</u> <u>(incl. schools)</u> B1,B2,B3	<u>Industrial</u> <u>Acreage*</u> CI,GI, MO
FALL 2016 SPRING 2017	3,696 3,739	186	933.50 758.25
SPRING 2017 FALL 2016	3,739 3,541	186	758.25
UNITS CHANGED SINCE FALL 2016 SPRING 2017	3,739 -198	0	758.25 0

*DOES NOT INCLUDE APPROXIMATELY 971.9 ACRES OF UNPLANNED INDUSTRIAL ACREAGE CLASSIFIED IN THE 3 CATEGORY FOR WATER AND SEWER.

UNIT CODE
 EQ-EQUIVALENT UNIT - S.F. UNIT
 MH - MOBILE HOME PARK
 SF - SINGLE FAMILY DWELLING
 TH - TOWNHOUSE
 AP - APARTMENTS/CONDOS
 COMM - COMMERCIAL/BUSINESS
 IND - INDUSTRIAL
 UNK - UNKNOWN
 SC - SCHOOL
 CH - CHURCH

WATER SOURCE
 H-HARFORD COUNTY SYSTEM, ZONES 1,2,3 OR 4
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UNIT DEFINITIONS
 W1 S1 - EXISTING WATER AND SEWER SERVICE
 W3 S3 - ANTICIPATED SERVICE WITHIN 1 TO 5 YEARS
 W5 S5 - ANTICIPATED SERVICE WITHIN 6 TO 10 YEARS

TABLE 3-8 PLANNED WATER WORKS IMMEDIATE, 5 YEAR AND 10 YEAR PRIORITIES

SERVICE AREA	PROJECT NAME AND NUMBER	LOCATION	PRIORITY CLASS	DESCRIPTION	FUNDS SOURCE	TIMING SCHEDULE		
						PLAN	DES.	CONSTR.
HAVRE DE GRACE	UPPER CHESAPEAKE HOSPITAL	BULLE ROCK PKWY	W-3	CONSTRUCTION OF 12" WATER MAIN FROM HOSPITAL SITE TO MONARCHOS DRIVE	CITY	2017	2018	2020
ABERDEEN	CITY OF ABERDEEN WATER TREATMENT PLANT	CITY OF ABERDEEN	W-3	REPLACING DISINFECTION PROCESS FROM CHLORINE GAS TO SODIUM HYPOCHLORITE	CITY	2016	2017	2019
ABERDEEN	ELEVATED STORAGE TANK AT HEAT CENTER	CITY OF ABERDEEN	W-3	400,000 GALLON ELEVATED STORAGE TANK TO SUPPLY PLANNING AREA 11	DEVELOPER OR CITY	2004	2018 2017	2018-2019 2017-2018
ABERDEEN/APG	BUILDING #250 – GROUNDWATER TREATMENT PLANT AND WELLS	ABERDEEN PROVING GROUND MANAGED BY CITY OF ABERDEEN	W-3	UPGRADE AND RECOMMISSION GROUNDWATER TREATMENT PLANT AND WELLS KNOWN AS BUILDING #250. 3MGD CAPACITY.	APG	2011	2017 2014-2015	2018 2016-2018
ABERDEEN	EAST ABERDEEN DISTRIBUTION SYSTEM (ROBINHOOD ROAD) (ROCK GLEN)	CITY OF ABERDEEN	W-5	INSTALL BOOSTER STATION, WATER METERS, WATER MAIN AND WATER TOWER	CITY DEVELOPER	2008	2021	2022
ABERDEEN/APG	SPEUTIE ISLAND & MICHAELSVILLE ROAD BOOSTER STATIONS	ABERDEEN PROVING GROUND MANAGED BY CITY OF ABERDEEN	W-3	CONSTRUCT TWO BOOSTER STATIONS AND APPURTENANCES TO INCREASE WATER FLOW LOCATION TO BE DETERMINED	APG	2014	2018 2017	2020 2018-2019
ABERDEEN/APG	REHABILITATE 20 INCH DIAMETER WATER TRANSMISSION MAIN	ABERDEEN PROVING GROUND MANAGED BY CITY OF ABERDEEN	W-3	INSTALL LINING, SLIPLINE OR REPLACE ROUGHLY 3200 LF OF THE EXISTING 20 INCH MAIN BETWEEN APPROX. ROUTE 40 AND THE NORTHGATE PROPERTY	APG	2015	2018 2017	2020 2018
ABERDEEN	GRACEFORD DR WATER BOOSTER STATION REPLACEMENT	GRACEFORD DRIVE	W-5	REPLACE GRACEFORD DRIVE WATER BOOSTER STATION	CITY	2018	2019 2018	2020

Chapter Four

TABLE 4-2 PLANNED CAPITAL SEWERAGE PROJECTS IMMEDIATE, 5 YEAR AND 10 YEAR PRIORITIES

SERVICE AREA	PROJECT NAME AND NUMBER	LOCATION	PRIORITY CLASS	DESCRIPTION	FUNDS SOURCE	TIMING SCHEDULE		
						PLAN	DES.	CONSTR.
ABERDEEN	ASHLEY TREATMENT CENTER	800 TYDINGS LANE TAX MAP 59 PARCEL 155	S-3	INSTALL SEWAGE LIFT STATION AT ASHLEY TREATMENT CENTER TO DELIVER WASTE TO AWWTP	DEVELOPER	2017	2018	TBD
ABERDEEN	12" AND 18" SOUTHEAST INTERCEPTOR REPLACEMENT	CITY OF ABERDEEN	S-5	21"(42") FROM PARADISE ROAD TO MT ROYAL 2.830' 24"(48") FROM MT ROYAL TO RIGDON ROAD 4.995'	CITY	2007	2018	2021
ABERDEEN	EAST ABERDEEN COLLECTION SYSTEM (ROBINHOOD ROAD)	CITY OF ABERDEEN	S-6	INSTALL COLLECTION SYSTEM TO INCLUDE PUMP STATION AND NEW COLLECTION MAIN	DEVELOPER	2008	2021	2022
ABERDEEN	SWAN HARBOR TRAILER PARK	CITY OF ABERDEEN	S-6	CONNECT TRAILER PARK TO ABERDEEN AWWTP	DEVELOPER	2008	2021	2022
ABERDEEN	CRANBERRY RUN	CITY OF ABERDEEN	S-3	REPLACE OR LINE FORCE MAIN 3,100' DONE BY CITY OF ABERDEEN	CITY	2015	2016	2017
ABERDEEN	WWTP DIGESTER	CITY OF ABERDEEN	S-3	ADD THIRD DIGESTER	CITY	2013	2018	2019
ABERDEEN	CHESTNUT FORCE MAIN	CITY OF ABERDEEN	S-3	REPLACE FORCE MAIN	CITY OF ABERDEEN	2013	2020 2018	2021 2019
ABERDEEN	AAWWTP	CITY OF ABERDEEN	S-1	REPLACE INFLUENT SCREEN	CITY	2016	2017	2018

Requests



City of Havre de Grace

711 PENNINGTON AVENUE, HAVRE DE GRACE, MARYLAND 21078
WWW.HAVREDEGRACEMD.COM

410- 939-1800
410- 575-7043

July 18, 2017

Harford County Division of Water & Sewer
Attn: Darryl Ivins, Engineer
3334 Abingdon Road
Abingdon, Maryland 21009

Re: Changes to Harford County Water and Sewer Master Plan

Dear Mr. Ivins:

I am writing to submit the City of Havre de Grace proposed changes to the Harford County Water and Sewer Master Plan for the Fall 2017 update.

The following five (5) capital project line items are to be added to **Table 3-8, Planned Water Works Immediate, 5-Year and 10-Year Priorities**. The information provided follows the format of your table where project name, location, priority class, description, funding source and timing schedule (plan, design and construction) are enumerated.

1. **MD 155 Waterline Construction**: location Warren Street to MD 155 to Graceview Water Tower; W-3; Replace existing 12" water main with new 16" water main; City; 2016; 2018; 2020.
2. **Graceview Booster Pumps**: location Graceview Booster Station; W-3; Replace existing booster pumps; City; 2016; 2018; 2020.
3. **Upper Chesapeake Hospital**: location MD 155 and Bulle Rock Parkway; W- ; Construction of 600,000 gallon water tower and booster pumps; Private; 2014; 2015; 2020. ("W" indicates that this project is in between design and construction in its timing schedule.)
4. **Upper Chesapeake Hospital**: location Bulle Rock Parkway; W-1; Developer Improvements, extension of service; Private; dates TBD.

5. **Upper Chesapeake Hospital:** location Bulle Rock Parkway; W-3; construction of 12" water main from hospital site to Monarchos Drive. City; 2017; 2018; 2020.

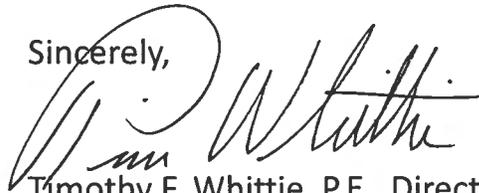
In addition, please make minor amendments to the following projects already on Table 3-8:

- **Water Treatment Plant:** change dates for timing schedule to **2016** (Plan), **2017** (Design) and **2016-2018** (Construction).
- **Reliability Improvements:** add **City/** to Private under Funding Source to read City/Private.
- **Scenic Manor:** add **City/** to Private under Funding Source to read City/Private.

The only amendment to Table 4-2, Planned Capital Sewerage Projects Immediate, 5 Year and 10 Year Priorities at this time is to add:

- **Upper Chesapeake Hospital;** location Bulle Rock Parkway; W-1; Developer Improvements, extension of service; Private; dates TBD.

Sincerely,



Timothy F. Whittie, P.E., Director
Department of Public Works

Cc: Ben Martorana, Director, Department of Planning
Dianne Klair, Planner, Department of Planning
David Glenn, President, Havre de Grace City Council

RECEIVED

JUL 20 2017

Department of Public Works
Division of Water & Sewer



July 20, 2017

Darryl W. Ivins, Engineer
Harford County Government
Division of Water and Sewer
212 S. Bond Street
2nd Floor
Bel Air, MD 21014

RE: Water & Sewer Master Plan Updates

This letter serves as official notice that Ashley Treatment Center, located at 800 Tydings Lane, Havre de Grace, Harford County, MD 21078, is entering into an agreement with the City of Aberdeen to develop terms, conditions, and agreements that would allow Ashley to connect to the City's Waste Water Treatment system. We request that Ashley Treatment Center be added into the City's project listings under the sewer chapter.

Enclosed please find the City of Aberdeen's changes for the Fall 2017 Water & Sewer Plan.

Please contact me at 410-272-1600, Ext. 217, or ktorster@aberdeendam.gov, should you have any questions.

Sincerely,

A handwritten signature in black ink that reads "Kyle Torster". The signature is written in a cursive, flowing style.

Kyle Torster
Director of Public Works

Cc: Randy Robertson
William Bettin
Curtis Ball
Sid Sharma
Fred Monath
Joe Snee, Jr.

TABLE 3-8
 PLANNED WATER WORKS IMMEDIATE, 5 YEAR AND 10 YEAR PRIORITIES

SERVICE AREA	PROJECT NAME AND NUMBER	LOCATION	PRIORITY CLASS	DESCRIPTION	FUNDS SOURCE	TIMING SCHEDULE		
						PLAN	DES.	CONSTR.
ABERDEEN	ELEVATED STORAGE TANK AT HEAT CENTER	CITY OF ABERDEEN	W-3	ELEVATED STORAGE TANK TO SUPPLY PLANNING AREA 11	DEVELOPER OR CITY	2004	2018	2018/2019
ABERDEEN	EAST ABERDEEN DISTRIBUTION SYSTEM (ROCK GLENN)	CITY OF ABERDEEN	W-5	INSTALL BOOSTER STATION, WATER METERS, WATER MAIN AND WATER TOWER	CITY	2008	2021	2022
ABERDEEN	REPLACE STANDPIPE ELEVATED TOWER	CITY OF ABERDEEN	W-6	REPLACE STANDPIPE ELEVATED TOWER AT NORTHEAST TOWER	CITY	2030	2030	2030
ABERDEEN	GRACEFORD DR. WATER BOOSTER STATION REPLACEMENT	CITY OF ABERDEEN	W-5	REPLACE GRACEFORD DRIVE WATER BOOSTER STATION	CITY	2018	2019	2020
ABERDEEN	COA WTP	CITY OF ABERDEEN	W-3	REPLACING DISINFECTION PROCESS FROM CHLORINE GAS TO SODIUM HYPOCHLORITE	COA	2016	2017	2019
ABERDEEN /APG	BUILDING #250 GROUNDWATER TREATMENT PLANT AND WELLS	ABERDEEN PROVING GROUND MANAGED BY CITY OF ABERDEEN	W-3	UPGRADE AND RECOMMISSION GROUNDWATER TREATMENT PLANT AND WELLS KNOWN AS BUILDING #250. 3MGD CAPACITY	APG	2011	2017	2018
ABERDEEN /APG	SPESUTIE ISLAND & MICHAELSVILLE ROAD BOOSTER STATIONS	ABERDEEN PROVING GROUND MANAGED BY CITY OF ABERDEEN	W-3	CONSTRUCT TWO BOOSTER STATIONS AND APPURTENANCES TO INCREASE WATER FLOW LOCATION TO BE DETERMINED	APG	2014	2018	2020
ABERDEEN /APG	REHABILITATE 20-INCH WATER TRANSMISSION MAIN	ABERDEEN PROVING GROUND MANAGED BY CITY OF ABERDEEN	W-3	INSTALL LINING, SLIPLINE OR REPLACE ROUGHLY 3200 LF OF THE EXISTING 20 INCH MAIN BETWEEN APPROX RT 40 AND THE NORTHGATE PROPERTY	APG	2015	2018	2020
ABERDEEN /APG	INTERCONNECTION BETWEEN APG AND CITY OF ABERDEEN WATER SYSTEMS	ABERDEEN PROVING GROUND MANAGED BY CITY OF ABERDEEN	W-3	INSTALL PERMANENT INTERCONNECT BETWEEN THE SYSTEMS ON NORTHGATE PROPERTY NEAR THE ROUTE 22 GATE TO APG	APG	2014	2018	2018-2019

TABLE 4-2
 PLANNED CAPITAL SEWERAGE PROJECTS IMMEDIATE, 5 YEAR AND 10 YEAR PRIORITIES

SERVICE AREA	PROJECT NAME AND NUMBER	LOCATION	PRIORITY CLASS	DESCRIPTION	FUNDS SOURCE	TIMING SCHEDULE		
						PLAN	DES.	CONSTR.
ABERDEEN	12" AND 18" SOUTHEAST INTERCEPTOR REPLACEMENT	CITY OF ABERDEEN	S-5	21"(12") FROM PARADISE RD TO MT-ROYAL 2,830 FT 24"(18") FROM MT-ROYAL TO RIGDON RD-4995'	CITY	2007	2018	2021
ABERDEEN	EAST ABERDEEN COLLECTION SYSTEM (ROBINHOOD RD)	CITY OF ABERDEEN	S-6	INSTALL COLLECTION SYSTEM TO INCLUDE PUMP STATION AND NEW COLLECTION MAIN	DEVELOPER	2008	2021	2022
ABERDEEN	SWAN HARBOR TRAILER PARK	CITY OF ABERDEEN	S-6	CONNECT TRAILER PARK TO ABERDEEN WWTP	DEVELOPER	2008	2021	2022
ABERDEEN	CRANBERRY RUN	CITY OF ABERDEEN	S-3	REPLACE OR LINE FORCE MAIN. 1000' DONE BY SHA	CITY	2015	2016	2017
ABERDEEN	CRANBERRY RUN	CITY OF ABERDEEN	S-3	REPLACE OR LINE FORCE MAIN. 3,100' DONE BY COA	CITY	2015	2016	2017
ABERDEEN	JAMES STREET INTERCEPTOR	CITY OF ABERDEEN	S-1	REPAIR/UPSIZE JAMES STREET INTERCEPTOR	CITY	2016	2017	2017-2018
ABERDEEN	WWTP DIGESTER	CITY OF ABERDEEN	S-3	ADD THIRD DIGESTER	CITY	2013	2018	2019
ABERDEEN	WINDMERE PUMP STATION	CITY OF ABERDEEN	S-6	INCREASE CAPACITY REPLACE STATION	CITY	2013	2020	2025
ABERDEEN	CHESTNUT FORCE MAIN	CITY OF ABERDEEN	S-3	REPLACE FORCE MAIN	CITY	2013	2020	2021
ABERDEEN	GILES LANE PUMP STATION	CITY OF ABERDEEN	S-6	INCREASE CAPACITY REPLACE STATION	CITY	2013	2020	2025
ABERDEEN	CHESTNUT PUMP STATION	CITY OF ABERDEEN	S-6	INCREASE CAPACITY REPLACE STATION	CITY	2013	2020	2025
ABERDEEN	AAWWTP	CITY OF ABERDEEN	S-1	REPLACE INFLUENT SCREEN	CITY	2016	2017	2018
HARFORD COUNTY	ASHLEY TREATMENT CENTER	TAX MAP 59 PARCEL 155	S-3	INSTALL SEWAGE LIFT STATION @ ASHLEY TREATMENT CENTER TO DELIVER WASTE TO AWWTP	DEVELOPER	2017	2018	UNKNOWN



Ashley
Addiction Treatment

800 Tydings Lane
Havre de Grace, MD 21078

800.799.HOPE (4673)
AshleyTreatment.org

June 13, 2017

Harford County, Maryland
Department of Public Works
Division of Water & Sewer
3334 Abingdon Road
Abingdon, Maryland 21009

Subject Sewer Master Plan
 Update Request
 Ashley Treatment Center
 Tax Map 59, Parcel 155

Ladies & Gentlemen:

We hereby request that the above referenced property be updated within the Master Plan for Sewer from S6 to S3 (0-5 year) category. The property is currently served by an onsite sewage disposal system. Ashley is currently in the process to design and construct a private sewer main to discharge into a public facility.

Please contact Paul Muddiman with Morris & Ritchie Associates, Inc. at 410.515.9000 should you have any questions or need additional information.

Thank you for your attention in this matter.

Very truly yours,

Dan Berardi
VP of Support Services
Ashley Addiction Treatment

cc: Paul Muddiman, MRA, Inc.
 Joe Siemek PE
 Billy Boniface
 Joe Snee

enclosure



Bulle Rock Golf Club

Eleventh Ln

Swan Harbor Farm

Timber Ln

Mullins Park

Eleanor and Millard Tydings Park

Aberdeen Proving Ground

Plumb Point Golf

Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community, MD iMAP, MDP, SDAT



BAY STATE LAND SERVICES

Engineers • Surveyors • Planners • Architects • Geotechnical Testing
Knowledge. Innovation. Results.

July 27, 2017

Mr. Darryl W. Ivins
Division of Water and Sewer
3334 Abingdon Road
Abingdon, MD 21009

Subject: Water & Sewer Master Plan Revision
Service Category Change Request
Locust Avenue– TM 40, P 185 & TM 48, P 91
BSLS # 11068

Dear Mr. Ivins:

Please accept this letter as the request to have the above-mentioned parcel included in the W-3 and S-3 Service Category in the Water and Sewer Master Plan at your earliest convenience. The parcel is currently identified in the W-5 and S-5 Service Category.

Included with this request is a copy of the countersigned Preliminary Plan Approval Letter (P-287-2017).

Please contact me if you need any additional information regarding the above request.

Sincerely,

Mitchell Ensor, Principal
Bay State Land Services, Inc.

Owners Signature – G&G Family Limited Partnership

7-28-17

Date

Cc: Mr. David M. Burke, P.E., Chief of Water and Sewer Engineering
Mr. William J. Bettin, P.E., Deputy Director, Division of Water and Sewer

www.baystatelandservices.com

Mailing Address
P.O. Box 853
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