



Briefing to Charles County Commissioners: Hughesville Village Water and Sewer System

Presenters

Andrew Balchin, P.E., Chief of Infrastructure Management

March 7, 2023

Purpose

Hughesville Village Water & Sewer System

- Provide a brief refresher/ history.
- Overview of preliminary design schedule.
- Public Information & Engagement

Background

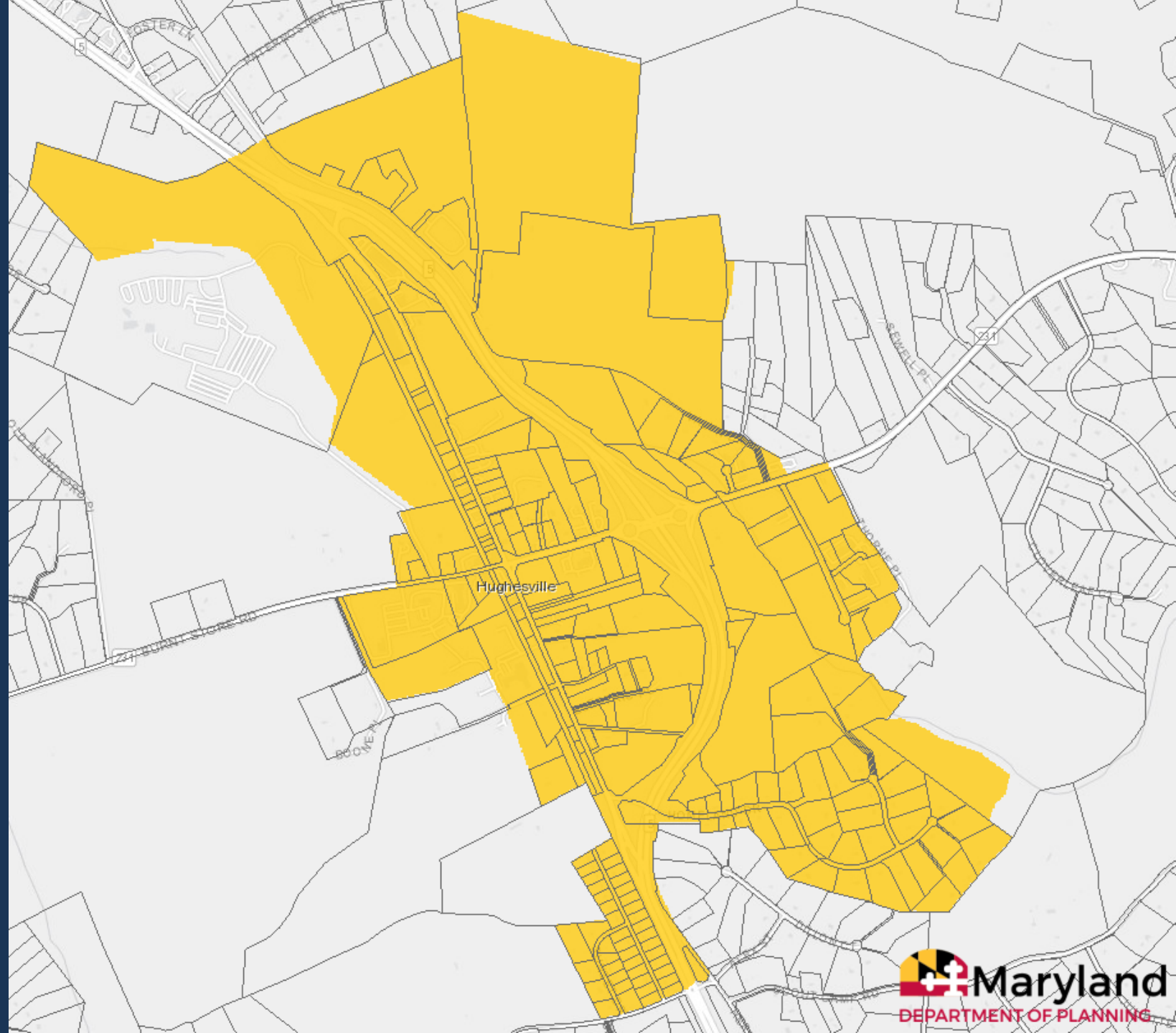
Hughesville Village Water & Sewer System

- **Hughesville Village Center is the largest village center in the rural area of Charles County. Located at the crossroads of MD 5 and MD 231.**
- **The Hughesville Sub-Area is recognized as a Priority Funding Area. Total of 110 lots residential lots and 59 non-residential lots.**
- **The existing wastewater treatment and disposal consists of individual on-site septic tanks and subsurface disposal systems.**
- **Residents are dependent on individual wells for potable water.**

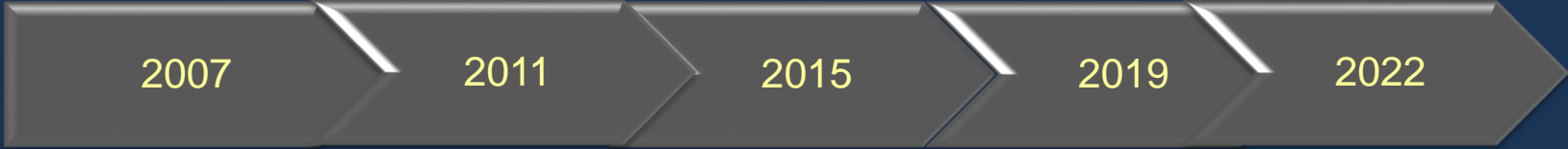
Hughesville Village PFA Map

Total Acres: 1,199.14

Slide 4

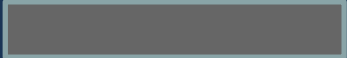


Project History

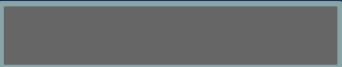


MILESTONE

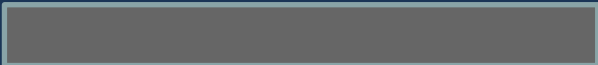
HUGHESVILLE
REVITALIZATION PLAN



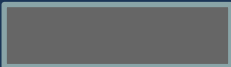
HUGHESVILLE BUSINESS
AREA WATER & SEWER STUDY



PLANNING & PROCUREMENT
OF HUGHESVILLE VILLAGE
WATER AND SEWER SYSTEM



DESIGN PHASE OF
HUGHESVILLE VILLAGE
WATER AND SEWER SYSTEM



Project History (continued)

Comprehensive Plan Consistency

Supporting Policies :

- **Water 4.1: Work with Maryland Dept. of the Environment (MDE) to identify, access, and sustainably utilize groundwater resources to provide public water to the Hughesville Village.**
- **Sewer 4.7: Construct a sewer system to address failing or potentially failing septic systems in the Village.**
- **Nonpoint Source Pollution 4.13: Utilize land application techniques to avoid the establishment of a new point source discharge of the new wastewater treatment plant.**
- **Community Development 10.2: Revitalization of targeted Hughesville Village.**

Project History (continued)

Comprehensive Water & Sewer Plan Consistency

Supporting Sections :

- **Water 3.6.1: Planned Water Systems for Hughesville Village**
- **Sewer 4.4.2: Planned Sewer Systems for Hughesville Village**
- **Sewer 4.5.1: Septic Tank Improvement Areas**
- **Sewer 4.5.2/3: Maryland Watershed Implementation Plan (WIP) for Septic and Wastewater & Corrective Measures**

Project Scope

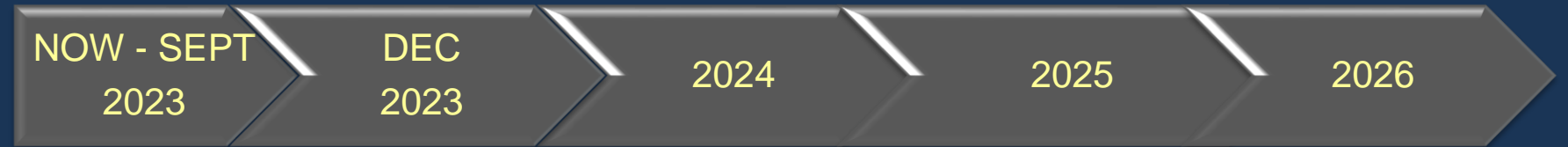
Hughesville Village Water & Sewer System

Scope will include the site selection, design, and permitting of:

- Two Wells**
- Water Tower**
- Water Distribution System**
- Packaged Wastewater Treatment Plant**
- Land Application Site**
- Sewer Collection System**

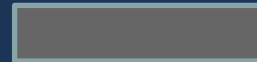
Preliminary Design Schedule

Hughesville Village Water & Sewer System

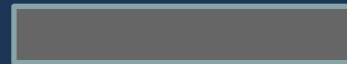


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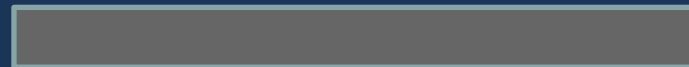
SITE SELECTION



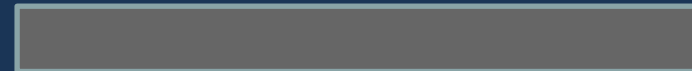
SITE PROCUREMENT



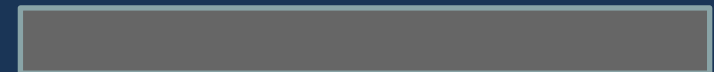
WWTP & LAND
APPLICATION DESIGN



WELLS & TOWER
DESIGN



WATER & SEWER SYSTEM
DESIGN



Public Information & Engagement

Hughesville Village Water & Sewer System

Project information and updates will be available to the public through:

- **Project Website:** www.charlescountymd.gov/government/planning-and-growth-management/hughesville-village-water-and-sewer-project
- **Property Notification letters prior to any field work**
- **Public Information Meetings & Town Halls**
- **Future Commissioner Updates**

QUESTIONS?



Presented By:

Charles County Government
Planning & Growth Management

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MD Relay Service: 7-1-1

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