



COMPREHENSIVE PLAN UPDATE 2021

QUEEN ANNE'S COUNTY, MARYLAND

PRESENTATION TO
PLANNING
COMMISSION

JUNE 24, 2021
COMMUNITY FACILITIES
& ENVIRONMENT



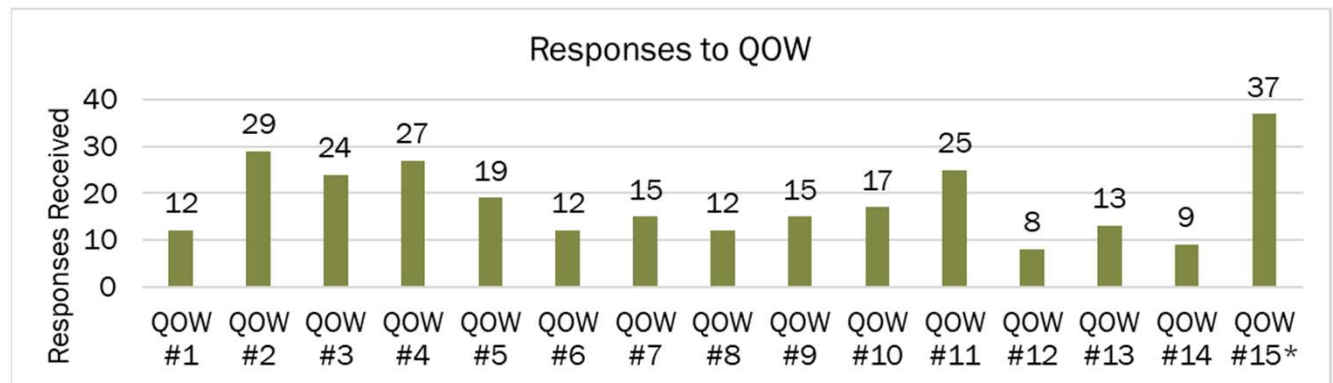
PROJECT OUTREACH – RECENT OUTREACH EFFORTS

- Special Topic Workshops & Reminders
 - #8 – Land Use & Priority Preservation
- Technical Committee Meetings
 - #6a – Land Use & Priority Preservation
 - #6b – Implementation
- Project Email & Website Updates



PROJECT OUTREACH – PROJECT WEBSITE INTERACTIONS

- 253 Total Update Subscribers + 322 Total County Staff & Organization Contacts
- 1,996 Total Project Website Users
 - 3,453 Total Sessions
 - 8,201 Total Page Views
- Top Origins:
 - Direct to Project Website
 - County Website
 - Google
 - Facebook
 - Yahoo
 - Bing
 - NextDoor
 - DuckDuckGo





PROJECT OUTREACH – QUESTION OF THE WEEK #2A

Choose the top factors that are most important to you when deciding to visit a park or recreation facility.

1	Facilities are well maintained	17	20%	Other	3	3%
2	Facilities/areas are safe and secure	13	15%	Convenient operating hours	2	2%
3	Convenience	12	14%	Cost/fees	2	2%
	Provides waterway access	8	9%	Easily accessed by vehicle	2	2%
	Parking availability	7	8%	Accessible for people with disabilities	1	1%
	Restroom facilities	7	8%	Staff customer service	1	1%
	Variety of park/facility uses	6	7%	Ability to social distance	1	1%
	Family atmosphere	5	6%	TOTAL RESPONSES	29	



PROJECT OUTREACH – QUESTION OF THE WEEK #2B

Choose the top facilities you plan to use in the next year.

1	Cross Island Trail	20	23%	Mowbray Park	4	5%	Route 18 Park	2	2%
2	Terrapin Nature Area	14	16%	Blue Heron Golf Course	3	3%	Church Hill Park	1	1%
3	Matapeake Clubhouse & Public Beach	6	7%	Kent Island Dog Park	3	3%	Crompton Park	1	1%
3	Public Landings & Boat Launches	6	7%	Kent Narrows Fishing Pier/Picnic Pavilion	3	3%	Ewing Pond Park	1	1%
	Chesapeake Heritage & Visitors Center	5	6%	South Island Trail	3	3%	Sudlersville Park	1	1%
	Conquest	4	5%	Long Point Park	2	2%	White Marsh Park	1	1%
	Ferry Point Park	4	5%	Old Love Point Park	2	2%	TOTAL RESPONSES		29



PROJECT OUTREACH – QUESTION OF THE WEEK #5A

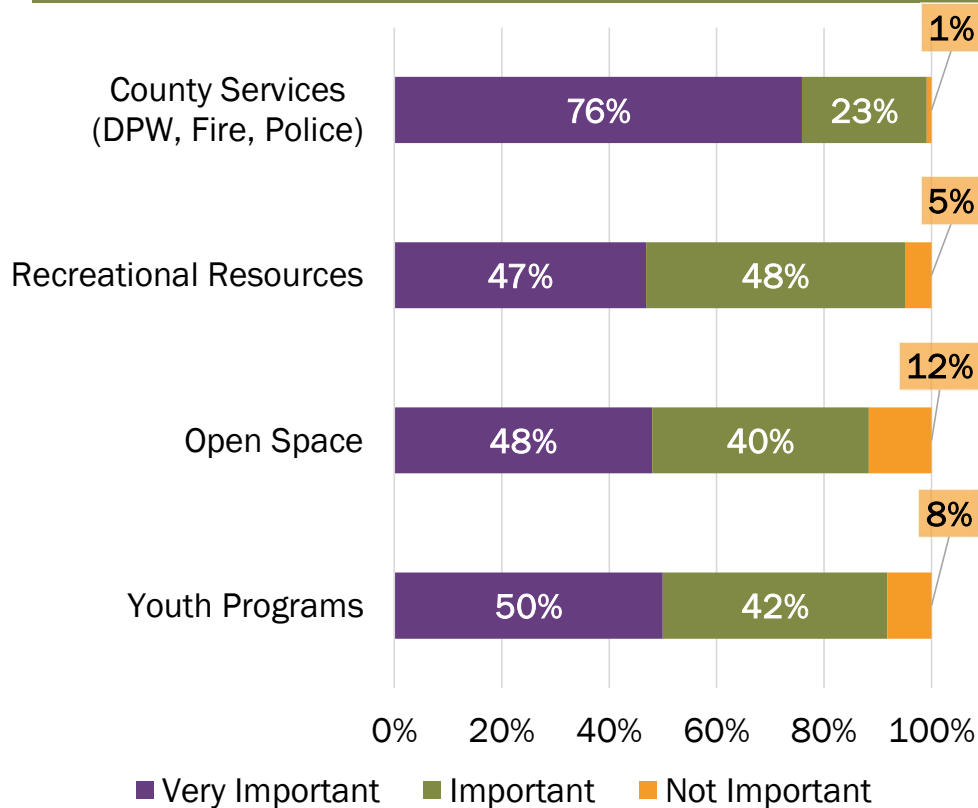
What is the most important role QAC should play in promoting effective management and conservation of water resources?

1	Steer new development away from areas that would impact County waters and toward less sensitive areas	7	37%
2	Coordinate and review local government plans to make sure they are consistent with land use and environmental protection goals	4	21%
3	Use public money to buy lands or development rights to protect endangered water resources	3	16%
3	Improve zoning and other regulations	3	16%
	Provide incentives to landowners or businesses to adopt best management practices to protect ground and surface water	1	5%
	Invest public money in environmental restoration or clean-up projects in or near County waters	1	5%
TOTAL RESPONSES		29	

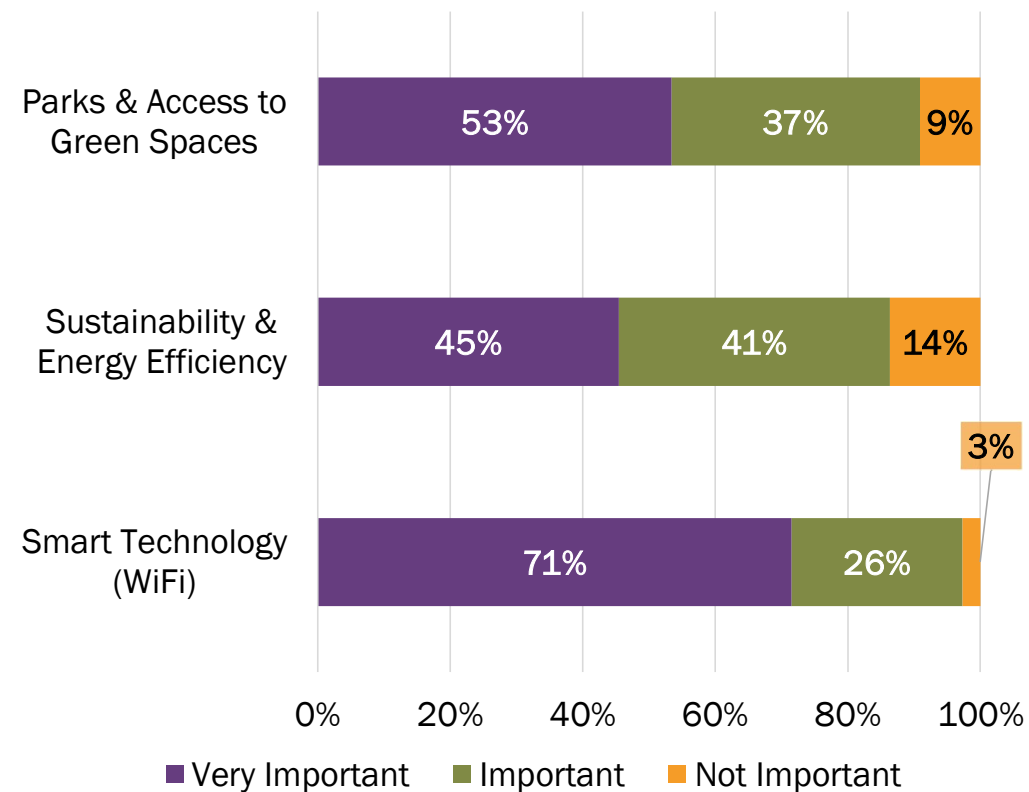


PROJECT OUTREACH – SURVEY RESULTS ON COMMUNITY FACILITIES

IMPORTANCE TO QUALITY OF LIFE



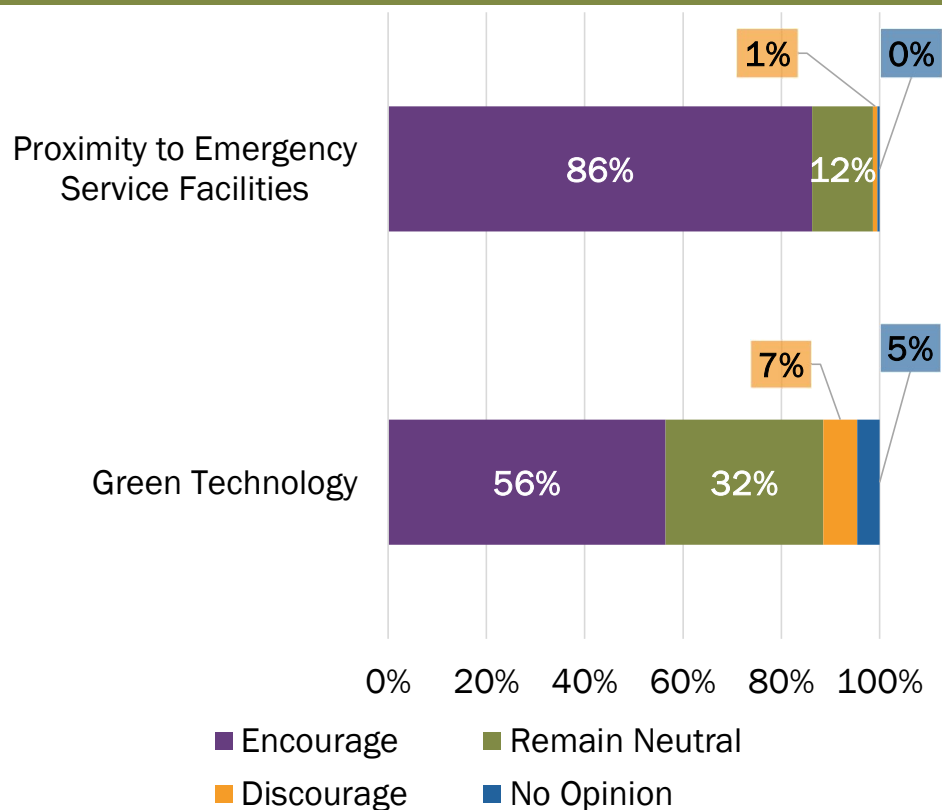
IMPORTANCE TO FUTURE DEVELOPMENT



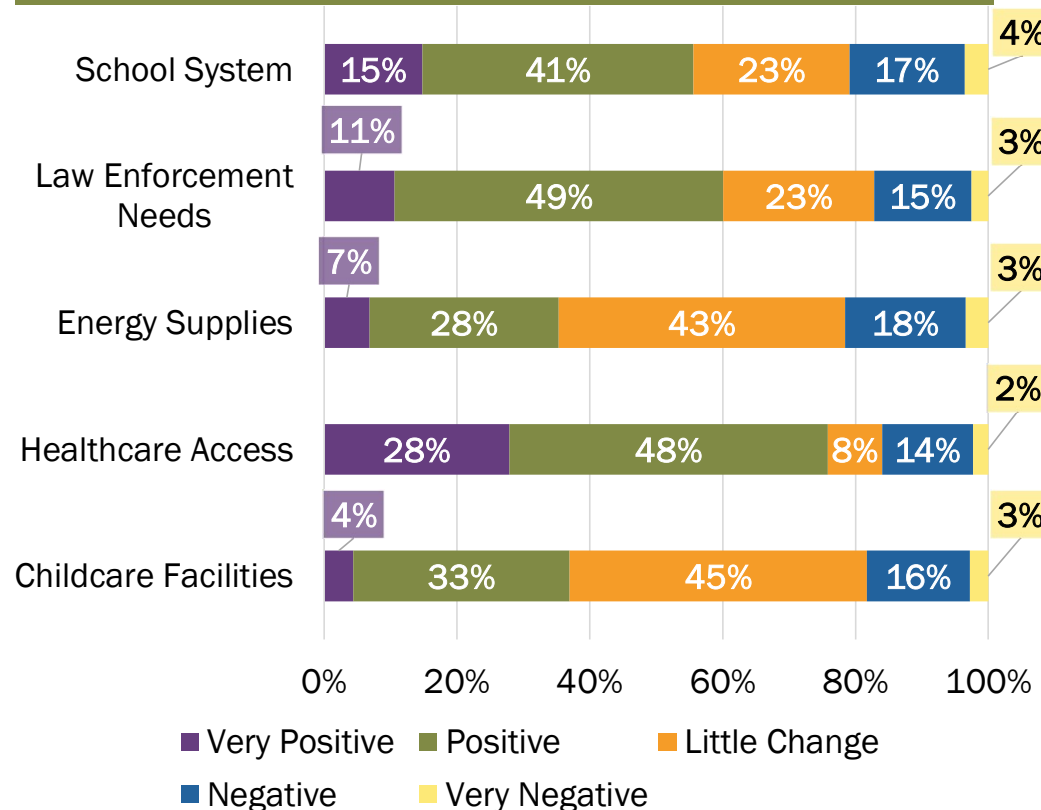


PROJECT OUTREACH – SURVEY RESULTS ON COMMUNITY FACILITIES

ROLE FOR QAC OFFICIALS



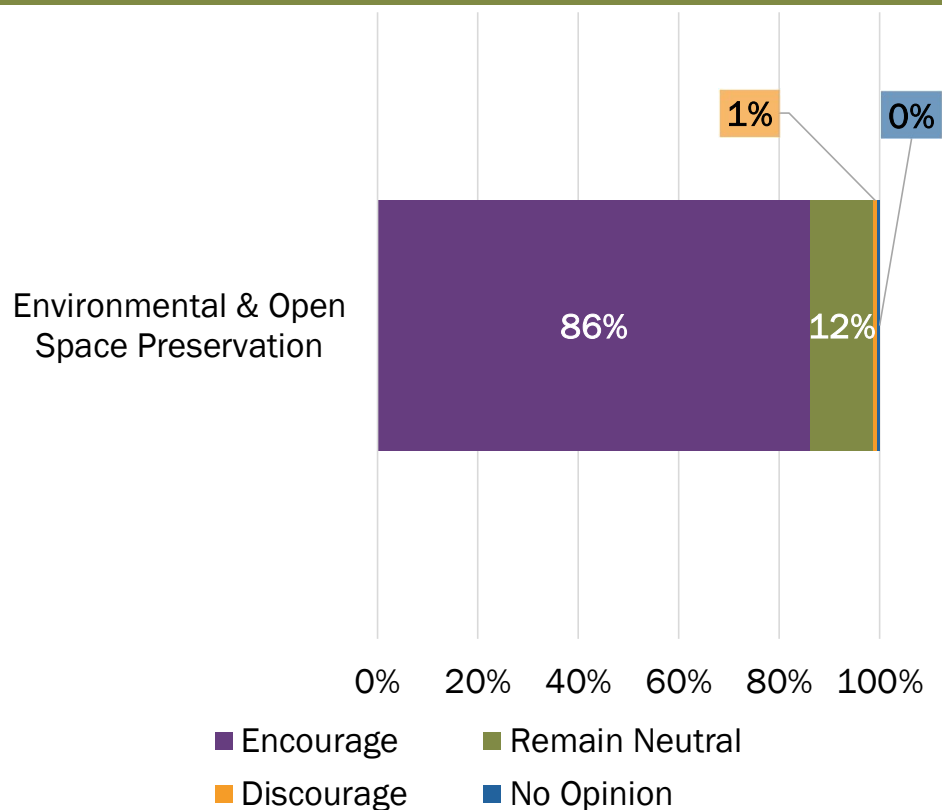
LOCAL IMPACTS OF DEVELOPMENT



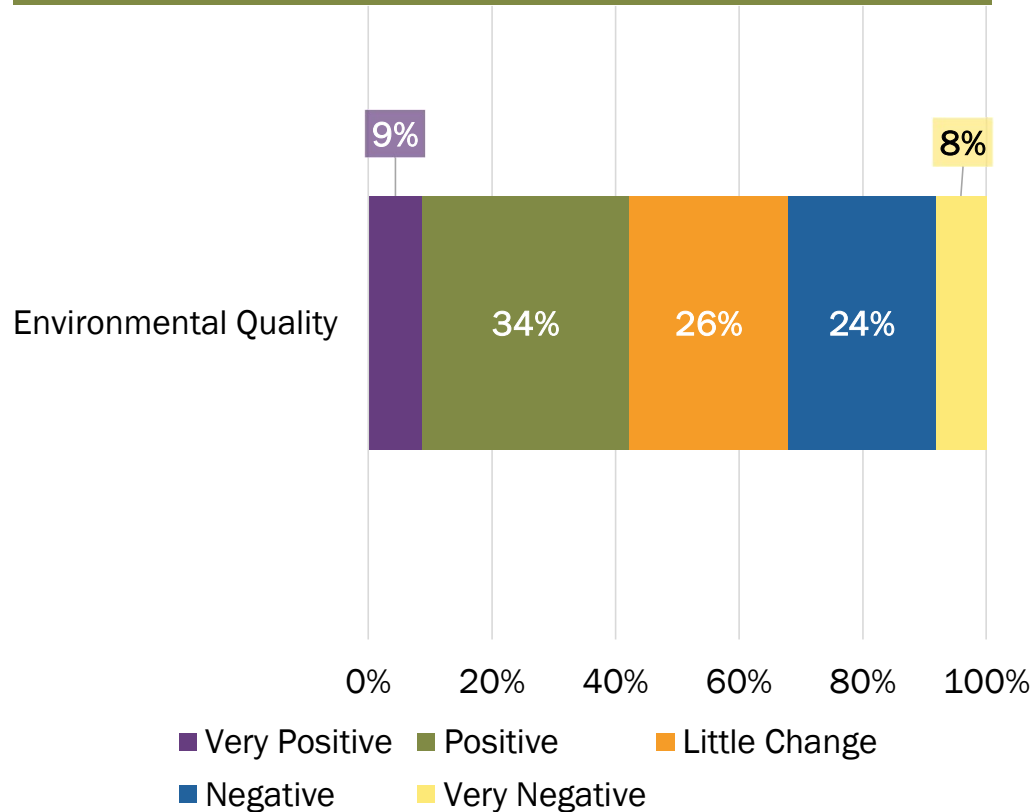


PROJECT OUTREACH – SURVEY RESULTS ON ENVIRONMENT

ROLE FOR QAC OFFICIALS



LOCAL IMPACTS OF DEVELOPMENT





PlanQAC 2021

CHAPTER 3

COMMUNITY FACILITIES & SERVICES

3. Community Facilities & Services

VISION

Plan, maintain, and enhance community infrastructure that enables the County to maintain present functions (e.g., quality of life, mobility, public safety, employment, environment, services), while accommodating future growth. Plan existing and potential new growth areas (as needed) to accommodate future growth requirements supported by adequate public facilities designed and improved to the highest standards.

KEY ISSUES

KEY ISSUE #1
All Key Issues to be developed upon completion of Visioning & Special Topic Workshops, Tech Comm.

KEY ISSUE #2
Brief description of this Chapter's Key Issue #2, identified through public outreach and data analysis.

KEY ISSUE #3
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KEY ISSUE #4
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KEY ISSUE #5
Brief description of this Chapter's Key Issue #5, identified through public outreach and data analysis.

PLAN THEMES

FISCAL RESPONSIBILITY
Description of how this Chapter addresses Fiscal Responsibility.

SUSTAINABLE GROWTH
Description of how this Chapter addresses Sustainable Growth.

COMMUNITY REVITALIZATION
Description of how this Chapter addresses Community Revitalization.

RESOURCE PRESERVATION & CONSERVATION
Description of how this Chapter addresses Resource Conservation & Preservation.

HEALTH & RESILIENCE
Description of how this Chapter addresses Health & Resilience.

RELEVANT STATE VISIONS



GOALS

The overarching goal for community facilities is to meet the current and future facility and service needs of residents, businesses, and visitors.

3-1 Reduce environmental impacts associated with community facilities.

3-2 Provide sustainable growth management inside and outside Planning Areas.

3-3 Provide infrastructure and services to support economic development.

3-4 Provide appropriate services, facilities, and amenities.

CONTENTS

- Vision, Key Issues, Themes
- Guiding Principles & Legislation
- Public Input
- Governance & Administration
 - Government Structure, Elected Officials, Boards & Commissions, County Departments, Court System*
- Public Safety
 - Emergency Services, Law Enforcement, Volunteer Fire Departments, Detention Center*
- Utilities
 - Broadband, Solid Waste & Recycling, Water, Sewer, Stormwater*
- Education
- Libraries
- Parks & Recreation
- Strategies & Actions





PlanQAC 2021

CHAPTER 3 COMMUNITY FACILITIES & SERVICES

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NEW RESOURCES REFERENCED FOR UPDATE

- 2020 Broadband Strategic Plan
- 2015 Comprehensive Solid Waste Plan
- 2017 Land Preservation, Parks & Recreation Plan
- 2018 Multi-Jurisdictional Hazard Mitigation Plan
- 2019 Office of the Sheriff End of Year Report
- 2020 Library Annual Report
- 2020 Library Strategic Plan
- 2015 Residential Waste & Recyclables Study
- FY22 QACPS Capital Improvement Program
- 2020 QACPS Educational Facilities Master Plan
- 2019-2023 DNR Land Preservation & Recreation Plan
- 2020-2029 MDP Public School Enrollment Projections





PlanQAC 2021

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DISCUSSION POINTS

■ Expanded Emergency Services

Communications, Emergency Medical Services, Special Operations, Fire Marshal, Support Services, Office of the Sheriff, Maryland State Police, Volunteer Fire Departments, Detention Center

■ Broadened County Utility Discussion

Broadened discussion of water, wastewater, and stormwater but pointing to Environmental Chapter and Water Resource Analysis for detailed information

■ Broadband/Telecommunication Needs

Broadband Advisory Council, Broadband Strategic Plan, unserved and underserved areas, grant applications and infrastructure projects

■ Adequate Public Facilities Ordinance

Standards and criteria for public facilities, adequate capacities, improvement programs, acceptable levels of service, capital improvement programs

■ Parks & Recreation

LPPRP update and coordination

■ Public School State Rated Capacity & School Enrollment Projections





CHAPTER 3 – PUBLIC SCHOOL STATE RATED CAPACITY

School Name	Grades	SRC	2019-20 Enrollment	2019-20 % of SRC
Bayside Elementary	3-5	526	429	81.6%
Centreville Elementary	PK-2	581	552	95.0%
Centreville Middle	6-8	659	555	84.2%
Church Hill Elementary	PK-4	385	271	70.4%
Grasonville Elementary	PK-5	599	479	80.0%
Kennard Elementary	3-5	503	506	100.6%
Kent Island Elementary	PK-2	536	452	84.3%
Kent Island High	9-12	1,135	1,207	106.3%
Matapeake Elementary	PK-5	578	442	76.5%
Matapeake Middle	6-9	786	360	45.8%
Queen Anne's Co. High	9-12	1,263	1,184	93.7%
Stevensville Middle	6-8	712	547	76.8%
Sudlersville Elementary	PK-4	408	323	79.2%
Sudlersville Middle	5-8	583	509	87.3%

CHAPTER 3 – PUBLIC SCHOOL ENROLLMENT PROJECTIONS

School Name	2020-2021 Enrollment	2024-2025 Projection	24-25 Enrollment Change From 2020-2021		2029-2030 Projection	29-30 Enrollment Change From 2020-2021	
Elementary Schools	3,430	3,434	4	0.1%	3,382	-48	-1.4%
Bayside	425	397	-28	-6.6%	385	-40	-9.4%
Centreville	567	565	-2	-0.4%	569	2	0.4%
Church Hill	270	248	-22	-8.1%	244	-26	-9.6%
Grasonville	496	594	98	19.8%	618	122	24.6%
Kennard	483	498	15	3.1%	486	3	0.6%
Kent Island	433	438	5	1.2%	422	-11	-2.5%
Matapeake	422	365	-57	-13.5%	345	-77	-18.2%
Sudlersville	334	329	-5	-1.5%	313	-21	-6.3%
Middle Schools	1,952	1,903	-49	-2.5%	1,878	-74	-3.8%
Centreville	544	536	-8	-1.5%	532	-12	-2.2%
Matapeake	377	351	-26	-6.9%	318	-59	-15.6%
Stevensville	560	560	0	0.0%	597	37	6.6%
Sudlersville	472	457	-15	-3.2%	431	-41	-8.7%
High Schools	2,392	2,482	90	3.8%	2,430	38	1.6%
Kent Island	1,175	1,271	96	8.2%	1,248	73	6.2%
Queen Anne	1,217	1,211	-6	-0.5%	1,182	-35	-2.9%
TOTALS	7,774	7,819	45	0.6%	7,690	-84	-1.1%



PlanQAC 2021

CHAPTER 5 ENVIRONMENTAL RESOURCES

5. Environmental Resources

VISION	
Remain a rural, agricultural, and maritime County that restores, enhances, protects, conserves, and stewards its valuable land, air, and water resources by: <ul style="list-style-type: none">• Conserving and protecting agricultural lands, open spaces, woodlands, wetlands, and wildlife habitat• Participate in Chesapeake Bay restoration efforts by conserving and protecting water resources and adhering to environmental regulations and low-impact stormwater practices• Preserving good air quality and viewsheds, including the night sky• Supporting agricultural, maritime, and tourism industries• Facilitating environmental education programs to promote energy efficiency, comprehensive recycling practices, clean air and water policies, resource conservation, and sustainable land use practices• Protecting social and economic assets by enhancing environmental resiliency and mitigating potential effects of climate change	
KEY ISSUES	PLAN THEMES
TBD	FISCAL RESPONSIBILITY Leverage State, federal, and other funding resources.
TBD	SUSTAINABLE GROWTH Description of how this Chapter addresses Sustainable Growth.
TBD	COMMUNITY REVITALIZATION Description of how this Chapter addresses Community Revitalization.
TBD	PRESERVATION & CONSERVATION Description of how this Chapter addresses Resource Conservation & Preservation.
TBD	HEALTH & RESILIENCE Support active and healthy transportation options.
RELEVANT STATE VISIONS	
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GOALS	
The overarching goal for environmental resources is to adopt policies, regulations, legislation, and enforcement procedures and appropriate funding for programs and projects to restore, enhance, protect, and conserve the County's land, air, and water resources, while establishing programs to generate awareness of and support for these measures.	
5-1 Implement resource protection, conservation, and preservation strategies that promote high water quality and protect aquatic life with an emphasis on Critical Areas.	
5-2 Implement conservation, preservation, and regulation strategies including environmental protection and resource conservation measures.	
5-3 Implement a growth management strategy to direct new and infill development to existing County and Town Planning Areas.	
Environmental Resources	PlanQAC 2021 PC REVIEW DRAFT 2021-06-24 - Page 5-1

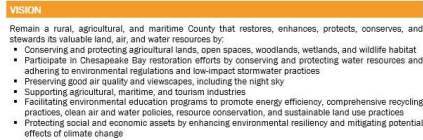
NEW RESOURCES REFERENCED FOR UPDATE

- 2011 Comprehensive Water & Sewerage Plan
- Hurricane Evacuation Guide
- KNSG Sewer Capacity Planning Worksheet
- 2017 Land Preservation, Parks & Recreation Plan
- 2018 Multi-Jurisdictional Hazard Mitigation Plan
- 2020 Nuisance & Urban Flood Plan
- Phase II WIP Narrative & Milestones Update
- 2016 Impervious Surface Analysis
- 2016 Sea Level Rise & Coastal Vulnerability Assessment and Implementation Plan
- 2011 Southern Kent Island Sanitary Project Report
- 2012 Ideas & BMPs in Maryland's WIPs
- 2008 State Climate Change Action Plan
- MDE Wastewater Treatment Plant Flows
- 2018 Maryland Sea Level Rise Projections
- 2020 Corsica River Conservatory Report
- 2020 Preparing for Extreme Precipitation on the Eastern Shore
- 2020 UMD Climate Resiliency Action Strategy
- County, State & Federal Laws, Regulations & Policies





5. Environmental Resources



KEY ISSUES	PLAN THEMES
TBD	 FISCAL RESPONSIBILITY Leverage State, federal, and other funding resources.
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RELEVANT STATE VISIONS



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- 5-1 Implement resource protection, conservation, and preservation strategies that promote high water quality and protect aquatic life with an emphasis on Critical Areas.
- 5-2 Implement conservation, preservation, and regulation strategies including environmental protection and resource conservation measures.
- 5-3 Implement a growth management strategy to direct new and infill development to existing County and Town Planning Areas.

DISCUSSION POINTS

■ Sensitive Areas vs. Priority Preservation

Sensitive Areas: streams and buffers, 100-year floodplains, habitats of threatened and endangered species, steep slopes, wetlands

Priority Preservation Areas: agricultural and forested lands

- Hazard Mitigation

High wind, flooding, hurricane and coastal erosion, drought, extreme heat, sea level change, severe winter weather, thunderstorms and lightning, wildfires, tornados, earthquakes

- Climate Change

Heavy precipitation events, temperature rise, sea level rise

- Impervious Surface Coverages

- Sewer Capacity Limitations



CHAPTER 5 – IMPERVIOUS SURFACE COVERAGES

Watershed	Total Acres	2008 Impervious	2016 Impervious	2008-2016 Change
Corsica River	23,922	3.6%	4.5%	25.0%
Eastern Bay	11,650	9.0%	10.4%	15.6%
Kent Island Bay	5,185	10.2%	11.8%	15.7%
Kent Narrows	6,940	5.6%	6.5%	16.1%
Lower Chesapeake Bay	3	2.6%	2.9%	11.5%
Lower Chester River	17,903	4.6%	5.3%	15.2%
Middle Chester River	7,872	3.1%	4.5%	45.2%
Southeast Creek	34,789	1.9%	2.5%	31.6%
Tuckahoe Creek	46,095	1.6%	2.0%	25.0%
Upper Chester River	52,079	2.1%	2.7%	28.6%
Upper Choptank	1,928	1.4%	1.3%	-7.1%
Wye River	29,671	2.8%	3.4%	21.4%
TOTAL WATERSHEDS	238,039	3.0%	3.7%	23.3%



CHAPTER 5 – SEWER CAPACITY LIMITATIONS

Estimated Existing Capacity			659,000 gpd
Existing Capacity Commitments			
Residential Commitments	576 vacant lots	115,200 gpd	
Commercial Commitments		77,410 gpd	
Multi-Use Commitments	1,205 dwelling units	233,300 gpd	
ESTIMATED EXISTING CAPACITY REMAINING			233,090 gpd
Reserve for SKI Failing Septic Areas		284,755 gpd	
Reserve for Commercial/Institutional Use		58,720 gpd	
ESTIMATE REMAINING @ 3 MGD			—110,385 gpd



WRAP-UP DISCUSSION

- Sewer and school capacity limitation will have an impact on development and redevelopment activities
- More specifics will be identified and included for discussion in the Land Use Chapter (next meeting)
- Will affect new residential and commercial development opportunities, as well as some redevelopment opportunities
- These impacts may also affect other sections of the Plan, which will be addressed in the next round of revisions



NEXT STEPS

UPCOMING PLANNING COMMISSION MEETINGS

JUL 8 Workshop
Chapter 4 – Land Use (incl. Priority Preservation)
Chapter 12 – Implementation
Water Resources Analysis



QUESTIONS OR COMMENTS



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