

Community Facilities and Services

Recreation and Parks

The Glen Burnie area is served by several local parks owned and maintained by the County's Department of Recreation and Parks. These community parks are shown on Map 12 and are listed below along with their approximate size and the types of facilities found in each.

Table 14. County Park Facilities in Glen Burnie Small Area

Park	Location	Acreage	Facilities and Services
Arundel Hills Park	Furnace Branch Road	12	basketball court, tennis courts, play area
Bachman Sports Complex	Ordnance Road	54	baseball fields, multipurpose field, play area, concessions
Baymeadows Courts	Waterview Court off Baymeadow Drive	7	tennis courts
Cedar/Morris Hills Park	Columbus Road	7	baseball field, multipurpose field, basketball courts, tennis courts, picnic area, play area
East Park	Crain Highway and Phirne Road W.	31	indoor aquatic facility is under design
Elizabeth Road Park	Elizabeth Road	3	tennis court, adjacent to community-owned baseball field
Freetown Park	Freetown Road	23	baseball fields, basketball courts, tennis courts
Glen Burnie Park	Adjacent to Glen Burnie Park Elementary School	22	baseball field, basketball court, tennis court, playground (under construction)
North Glen Park	Gordon Court	41	baseball fields, multipurpose field, basketball courts, tennis courts, play area, concessions
Pleasantville Park	Cedar Branch Road	13	baseball field, basketball courts
Sawmill Creek Park	Dorsey Road	37	baseball fields, basketball courts, tennis courts, exercise course, picnic area, play area, skateboard park, bocce court, concessions

Park	Location	Acreage	Facilities and Services
Southgate Old Mill Park	Elvaton Road	37	baseball fields, multipurpose field, basketball courts, tennis courts, picnic areas, play area
Sullivan Park	end of Dover Road	3	undeveloped natural area on Back Creek

In addition to these facilities, the Recreation and Parks Department has an agreement with the Board of Education allowing use of all school ballfields by the general public during after-school hours. Scheduling is maintained by the Recreation and Parks staff.

Recent capital projects in the local parks include the construction of a seasonal outdoor ice skating rink in the Town Center, completion of the new Bachman Sports Complex dedicated for use by adult leagues, and the addition of a new skateboard park in Sawmill Creek Park. Rehabilitation of recreational facilities in the park adjacent to Glen Burnie Park Elementary School is currently underway. Capital projects planned for the future include construction of an indoor aquatic facility in East Park. The site plans for East Park also include athletic fields and a track facility. A major renovation of Freetown Park is planned following completion of developer-funded road improvements on Freetown Road. The renovations will include some trails, new fencing, a new parking lot, improved ball fields, and a new playground.

The Glen Burnie area is served by an excellent hiker-biker network. The B&A Trail begins at the intersection of B&A Boulevard and Dorsey Road and extends approximately 13 miles to its terminus at Jonas Green State Park on the Severn River at the U.S. Naval Academy Bridge. At its northern terminus the trail connects with the BWI Trail. The BWI Trail encompasses the airport generally along Aviation Boulevard and extending along Dorsey Road, with spurs extending up to Andover Park and the Linthicum Light Rail Station. Local and State planners are looking at alternatives to connect these trails to Baltimore City and to the Southwest Area Park in Baltimore County.

Public Education

The Glen Burnie Planning Area is located within the Glen Burnie, North County and Old Mill school feeder systems and is served by three senior high schools, five middle schools, and fourteen elementary schools. The boundaries of the school feeder systems are shown on Maps 13 to 15. The senior high schools serve grades 9 through 12, the middle schools serve grades 6 through 8, and the elementary schools serve grades K through 5. The following elementary schools also have a pre-kindergarten program: Woodside, Freetown, Glendale, Marley, Point Pleasant, Ferndale, Hilltop, North Glen, and Rippling Woods. All elementary schools have been assigned additional teaching positions in either or both first or second grades to reduce class sizes.

Map 12

Map 13

Map 14

Map 15

The State of Maryland assigns rated capacities to each school based on the number and type of classrooms in elementary schools and the number of teaching stations in middle and senior high schools. Projections of expected capacities are done over a ten year period. Rated capacities, projected 2004 and 2013 enrollments, and utilization percentages at each school are shown in Table 15. In the Glen Burnie feeder system, the majority of the schools are currently and projected to be below capacity, with the exception of Glen Burnie High, Marley Elementary, and Oakwood Elementary. Replacement schools have been programmed for both Marley Elementary and Marley Middle Schools, which will provide upgraded facilities and reduce the capacity constraints in those schools. The addition to North County High School, completed in the fall of 2003, has reduced overcrowding in the school. In the Old Mill feeder system, Old Mill High and Glen Burnie Park Elementary are experiencing capacity constraints, and Rippling Woods Elementary is projected to be at capacity by 2013. This information is based on the FY2005 *Educational Facilities Master Plan*.

Table 15. School Enrollment and Capacities

School	State Rated Capacity (2004/2013)	2004 Projected Enrollment	2004 % Utilization	2013 Projected Enrollment	2013 % Utilization
<i>Glen Burnie Feeder System</i>					
Glen Burnie High	2171	2164	100%	1933	89%
Corkran Middle	1155	799	69%	780	68%
Marley Middle ¹	943 / 1028	914	97%	891	87%
Freetown Elementary	464	387	83%	453	98%
Glendale Elementary	519	434	84%	441	85%
Marley Elementary ²	364 / 583	476	131%	506	87%
Oakwood Elementary	337	301	89%	482	143%
Point Pleasant Elementary ³	634 / 608	481	76%	476	78%
Richard Henry Lee Elementary	524	438	84%	501	96%
Woodside					

School	State Rated Capacity (2004/2013)	2004 Projected Enrollment	2004 % Utilization	2013 Projected Enrollment	2013 % Utilization
Elementary	372	273	73%	246	66%
<i>North County Feeder System</i>					
North County High ⁴	2110	2092	99%	1861	88%
Lindale Middle	1483	1060	72%	1033	70%
Ferndale Early Childhood Center ⁵	64 / 176	64	100%	65	37%
George Cromwell Elem. ⁵	395	278	70%	257	65%
Hilltop Elem. ⁵	639	575	90%	582	91%
North Glen Elem.	287	249	87%	240	84%
<i>Old Mill Feeder System</i>					
Old Mill High	2363	2586	109%	2569	109%
Old Mill Middle North	1071	935	87%	913	85%
Old Mill Middle South	1100	859	78%	838	76%
Glen Burnie Park Elementary	389	416	107%	232	60%
Rippling Woods Elementary	624	602	97%	622	100%
Southgate Elem. ⁶	514 / 658	488	95%	529	80%

1. Replacement school programmed for construction in FY04-06.

2. Replacement school programmed for construction in FY03-04.

3. Feasibility study scheduled for FY09.

4. Funding for planning for new PE facility has been programmed.

5. Reflects approved redistricting, April 2, 2003.

6. Feasibility study scheduled for FY06, with possible planning and construction in FY07-09.

Redistricting adopted by the Board of Education in April 2003 closed Ferndale Elementary as a K-5 school and redistricted the Ferndale students to George Cromwell Elementary. The same redistricting then opened the Ferndale facility as an Early Childhood Center that opened in the Fall of 2003 with kindergarten and eligible pre-K students from the George Cromwell Elementary attendance area. Future construction of a wing on the Early Childhood Center will eventually allow for kindergarten and eligible pre-K students from Hilltop Elementary to be placed there in 2006.

The capital project to expand North County Senior High includes additional classroom space, modernization of science facilities, an expanded cafeteria, and other internal renovations. Other programmed capital projects include planning and engineering to replace the existing physical education facility at the North County High School. The replacement school at Marley Elementary will include dedicated community use facilities. Science lab facilities were recently renovated at Old Mill High School and Glen Burnie High School. Construction of a new Glendale Elementary School facility was completed in 2002. Modifications to bring school health rooms up to current state standards were recently completed at Freetown, Marley, and Richard H. Lee elementary schools. Planned feasibility studies to be completed over the next several years will determine whether funds will be programmed for improvements to Point Pleasant and Southgate elementary schools.

Proposed development projects in Anne Arundel County are required through the review process to meet Adequacy of Public Facility (APF) criteria related to school facilities. New developments are charged an impact fee per dwelling to contribute to education costs. In order to calculate the impact of new development, the following school pupil generation factors are used in Anne Arundel County: a single family home generates 0.45 students for Elementary School (ES), 0.17 students for Middle School (MS) and 0.20 students for High School (HS). A townhouse generates 0.20 for ES, 0.12 for MS, and 0.12 for HS. An apartment generates 0.07 for ES, 0.04 for MS and 0.04 for HS.

The Center for Applied Technology North is located just outside of the Glen Burnie Planning Area in Severn and serves all of northern Anne Arundel County. This County vocational school offers high school students from Arundel, Chesapeake, Glen Burnie, Meade, North County, and Old Mill High Schools specialized training in fields such as construction, automotive technology, and computer technology.

The Anne Arundel Community College offers a wide variety of courses and services in the Glen Burnie Town Center. In addition to both academic credit classes and continuing education classes in many subjects, other services offered by the College in Glen Burnie include adult basic education (GED) testing, computer technology training, telecommunications, Cybercrime classes, English as a Second Language classes, and a computer lab for use by

registered credit and non-credit students. The College's new Hospitality, Culinary Arts, and Tourism (HCAT) Institute opened in the Town Center in 2000.

Police Service

The Glen Burnie Planning Area falls within two County police districts, with MD 100 as the dividing boundary. The portion of the planning area north of MD 100 is in the Northern Police District. This police district currently staffs 10 beats with 24-hour coverage and five overlap beats with 8-hour coverage. Seven of the beats cover portions of the Glen Burnie area. A beat is a particular area covered by an officer. The Northern District station is located on Hammonds Lane at MD 648. The station is in good condition and is suitably sized to handle current and proposed future staffing. The Police Department also maintains a substation in the Town Center from which it operates a bike patrol covering the Town Center area.

The Eastern Police District covers the portion of the Glen Burnie Planning Area south of MD 100. The Eastern District currently staffs 13 beats with 24-hour coverage and five overlap beats with 8-hour coverage. Two of the beats cover portions of the Glen Burnie area. The Eastern District police station is located on Mountain Road just west of Hog Neck Road. Funds have been programmed in the County's capital budget for construction of a new Eastern District police station within the next five years.

A memorandum of understanding (MOU) with the Maryland Transit Administration (MTA) provides money to the County Police to staff three Light Rail beats with 16-hour coverage encompassing five of the Light Rail stations. These include the Cromwell station, located in the Glen Burnie Planning Area on B&A Boulevard, as well as the Ferndale, Linthicum, North Linthicum, and Nursery Road stations.

The County Administration has been evaluating the need for redistricting to add a fifth police district in the County. A possible site for a new Central District station at MD 178 and MD 32 in Crownsville has been considered, but a final location is not yet determined. Due to current fiscal constraints, it is unlikely that the Police Department will be able to implement a fifth police district before the year 2010. However, an interim realignment of the four existing police districts is being studied and considered for implementation.

Fire/EMS/Rescue Services

The Anne Arundel County Fire Department is a combination career and volunteer department providing emergency medical, fire and rescue services to County citizens. The members of the Department are highly trained individuals. Every member of the Department holds State certification, showing they meet or exceed the requirements for the position they hold. Many members also hold national certification. In addition to the traditional services provided by the fire service, the County Fire Department has personnel trained in Hazardous

Materials incident mitigation, dive/water rescue, high-angle rescue, confined space rescue, collapse rescue and a variety of other technical rescue situations.

The Glen Burnie Planning Area is strategically protected with service from four fire and rescue stations. These stations are the Glen Burnie Company 33 on Central Avenue in the Town Center, the South Glen Burnie Company 26 on Crain Highway near Glen Burnie Park, the Marley Company 18 on Summit Avenue, and the Ferndale Company 34 on 1st Avenue in Ferndale. An engine company is housed at each station, and each station also contains a paramedic unit with the exception of the Ferndale station, which has a Basic Life Support (BLS) unit. Additionally, the Glen Burnie station houses a tower unit and the South Glen Burnie station houses a truck company.

While it is not fiscally practical to locate a station in every community, stations are strategically placed throughout the County to provide the best overall coverage possible. First due service is provided by the company closest to a given area. However, depending on the type of call received, units from more than one station may respond.

Libraries

The North County Area Library is located at 1010 Eastway off of Ritchie Highway. Opened in 1969, this branch has 20,200 square feet and a materials collection of 136,657 items. Monthly circulation at the library averages 49,000(+) materials, which represents 12 percent of the entire library system circulation. The North County Library is open on Sunday through Saturday for a total of 68 hours per week. This branch is also home to the Library By Mail service, which provides materials and information to homebound county residents.

The County Library System is a quasi-independent agency governed by a 24-member Board of Trustees who serve on a volunteer basis. The Board's current Facilities Master Plan outlines repair and renovation projects for all 15 library branches. Projects are prioritized by need and requested through the budget process each year. Completed projects at the North County Area branch in 2000-01 included roof replacement, addition of an entrance ramp for disabled citizens, renovation of restrooms, interior and exterior painting, and carpet replacement. Future projects will include an upgrade of the fire and security system and addition of smoke detectors. Following construction of a new West County Regional Library that will replace the Odenton Library, the Board of Trustees will consider possible additions and/or replacements for the Annapolis and North County Area Libraries.

Other Community Services

The Pascal Senior Center located on Dorsey Road adjacent to Sawmill Creek Park is one of seven senior centers operated by the County's Department of Aging. This facility offers many services and activities for County residents 55 years of age and older, including hot meals served five days a week and a wide variety of classes such as arts, crafts, aerobics, foreign language, and computer skills. The Community College also offers courses for seniors at this facility as

requested.

In addition to the senior center, the Department of Aging provides nutrition services at four senior housing facilities in Glen Burnie which are managed by the Anne Arundel County Housing Authority: Burwood, Glen Square, Pinewood Village, and Pinewood East. The Lloyd Keaser Community Center in nearby Brooklyn Park also serves as a nutrition site. The nutrition service is a federally-funded but County-operated program, and altogether there are 21 nutrition sites throughout the County. Approximately 20 meals are served daily at each of the Glen Burnie locations, although this varies by location and day. Additionally, cards, bingo, blood pressure screening and medical counseling, live music and dance, group discussions, and crafts are some of the additional services regularly offered on a weekly or monthly basis. Freestanding nutrition sites are also operated in the Glen Forest and Morris Hill communities where the same services are provided. The Department offers van service to the nutrition sites for local residents.

The Glen Burnie Health Center, located near the Town Center, has been in operation for more than 50 years. Open on weekdays, the facility offers family planning services, immunizations for children, pregnancy testing, HIV testing, communicable disease testing, and flu and pneumonia vaccines. The facility also operates a Healthy Start program offering home visits to pregnant women and new mothers. The Glen Burnie Mental Health Clinic and the Open Door-North Health Clinic, which offers a drug treatment program, are also located near the Town Center.

Also located in the Town Center is the Kuethe Library, built in 1932 as a public library for Glen Burnie. The building is now shared by the Ann Arrundell Historical Society and the Anne Arundel County Genealogical Society, and is open to the public three days per week.

Assets and Issues

The public facilities in the Glen Burnie Planning Area – parks, libraries, schools, etc.-- are in reasonably good condition and are generally well-utilized, although some facilities are aging and will need to be renovated or replaced over the next several years. The County continually assesses the need to improve public facilities as part of its annual review and adoption of the Capital Budget and Program. The Community College is considered to be a major asset in the Town Center, and its presence will be used to help stimulate redevelopment in the area. The Pascal Senior Center and the new Bachman Sports Complex are both heavily used by Glen Burnie and other North County residents.

Most of the future needs identified by area residents are related to recreational facilities, particularly indoor facilities, and facilities and services for special populations such as seniors and teens. Many local residents have expressed a need for a community center to provide after-school recreation and other activities for area youth. The Pascal Senior Center is operating at a full capacity, and additional facilities are needed for senior activities. The newly constructed

Bachman Sports Complex has filled a need for more outdoor ball fields, but the facility is dedicated for adult use. An indoor multi-use recreation facility, with space for activities such as basketball, racquet sports, soccer, and fitness classes, would fill an additional need in the Glen Burnie area.

Finally, although there are many miles of shoreline along Furnace and Marley Creeks and their tributaries, there are few if any opportunities for public access to these creeks for the purposes of boat launching, fishing, picnicking, or enjoying scenic views. The location of some form of waterfront park in the area should be programmed for feasibility studies and planning in order to fill this need in the community.

Goals and Recommendations

Goal: Provide a wide variety of recreational activities and facilities for local residents of all ages.

Recommendations

1. Provide more picnic pavilions in local area parks.
2. Provide additional playground areas and playground equipment in local area parks, and seek opportunities to provide more small “pocket parks”, or neighborhood parks, with playground equipment.
3. Provide full-time concessions service in Sawmill Creek Park, as opposed to provision only for special events.
4. Extend existing bike trails where feasible to provide connections to area parks, community facilities, and waterfront areas.
5. Provide water fountains along the B&A bike trail at appropriate locations.
6. Locate a new indoor sports complex and multi-use recreation facility in the Glen Burnie Planning Area.
7. Provide an indoor soccer facility in the area, either as part of a multi-use facility or as a separate facility. The feasibility of promoting the site of the old Levitz store on Ritchie Highway for this use should be examined.
8. Locate a teen and youth recreation facility in the area.
9. Locate a waterfront park in Glen Burnie to provide access to the water and to scenic views along Furnace and/or Marley Creek. Local residents are particularly interested in

having access to a public marina, boat launching areas, designated fishing areas, picnic and birdwatching areas, and walking trails. The feasibility of using publicly-owned land along Furnace Creek (portions of the old County landfill property and/or the U.S. Army Depot property) should be examined.

10. Provide a second senior facility, in addition to the Pascal Senior Center, to serve senior citizens in the Glen Burnie area; or locate appropriate spaces in existing facilities to provide additional continuing education classes, exercise classes, and recreational activities for seniors. Additional parking is needed for users of the Pascal Center.
11. Provide an outdoor pavilion for concerts and other cultural and community activities in the area.
12. Initiate development of a citizen volunteer program to provide after-school activities for local youth and teens.
13. Provide funding to complete the planned indoor aquatic facility at East Park.

Goal: Ensure that Glen Burnie residents have access to high-quality, state-of-the-art educational and training facilities and services.

Recommendations

1. Provide an updated computer network and media center at the Glen Burnie High School.
2. Add courses in business ethics to the public high school curriculum to prepare graduates for today's competitive work force.
3. Continue to fund the Career Connections program.
4. Plan for a future expansion or replacement of the North County Library.
5. Conduct a feasibility study for needed improvements to Rippling Woods Elementary School, which is projected to be over capacity by 2011.

Goal: Provide adequate and responsive public health, safety, and welfare services to all local communities.

Recommendations

1. Maintain the services currently provided at the Glen Burnie Health Center and increase services as needed to meet future demand.
2. Develop community outreach programs to assist the area's Hispanic and Korean populations.

Goal: Improve the utilization and maintenance of existing public facilities to address and prevent deficiencies.

Recommendations

1. Perform design review on all new public facility projects to ensure that new facilities will enhance and improve the character of the community.
2. Expand promotional opportunities and advertisement of public facilities in the area to encourage full utilization of all facilities.
3. Identify opportunities for multiple uses or consolidation of uses in public facilities to maximize their use.
4. Establish a program using volunteer community groups to provide better maintenance of local parks, school grounds, and other community facilities.

Public Utilities

Water and Sewer Service

Public sewer and water service areas in the Glen Burnie Planning Area are shown on Maps 16 and 17. As can be seen, the majority of the planning area is served by both public water and sewer. Existing sewer service extends to all residential neighborhoods and excludes only some commercial and industrial areas south and east of Ordnance Road, some scattered undeveloped areas in Marley and Freetown, and some undeveloped land in the vicinity of Elvaton Road. Existing water service covers the entire planning area with the exception of some scattered undeveloped parcels of land and the area around Elvaton Road. The majority of the area not served by public water and sewer is in the Planned Service category. Planned service areas are programmed for growth in accordance with the County's *General Development Plan*. The County's adopted *Master Plan for Water and Sewer Systems* is the policy document for the provision and timing of public sewer and water. This policy is based largely on the *General Development Plan* and Small Area Plans.

The southernmost portion of the planning area, along Elvaton Road south of the Foxchase community, is designated in the Future Service sewer and water categories. A service category change request, which involves an amendment to the Master Plan for Water and Sewer, would be required to extend sewer to this area. In areas where public sewer and water are not provided, private wells and septic systems provide these services. These systems are maintained privately by homeowners and businesses.

Sewer Service

The Glen Burnie Planning Area is located within portions of two sewer service areas (SSAs): the Cox Creek SSA and the Broadneck SSA. The majority of the planning area falls within the Cox Creek SSA and conveys sewage flows to the Cox Creek Water Reclamation Facility (WRF), located off Fort Smallwood Road in the Brandon Shores area of Marley Neck. The 15 million gallons per day (MGD) rated facility provides activated sludge secondary treatment and phosphorus reduction facilities with an annual average daily flow of approximately 11.5 MGD. The treated effluent is discharged to the Patapsco River. The facility is currently being upgraded to provide Biological Nutrient Removal treatment under Capital Project S-7649.

The site (acreage) housing the Cox Creek WRF is fully used and not able to support additional capacity expansion. Current projections indicate ultimate capacity required to serve the entire SSA is 16.62 MGD. To address the problem of capacity limitations, some existing and future sewage flows are being redirected to other sewer service areas whose treatment facilities have additional capacity. The new Cayuga Farms Pump Station and drainage area representing approximately 0.8 MGD average daily flow will discharge into the Broadneck SSA. This drainage area was previously part of the Cox Creek SSA. Ongoing studies are also investigating

the potential for redirecting other existing and future flow from areas on the southern border of

Map 16

Map 17

the Cox Creek SSA to the Broadneck SSA and water reclamation facility which is capable of continued expansion.

There are some programmed Capital Facilities projects in the Glen Burnie Planning Area. The Marley-Jumpers Sewer Rehabilitation project (S783700) will upgrade and rehabilitate the existing gravity and pressure systems in this area along Ritchie Highway, and the Furnace Branch Sewer Replacement project (S797800) will construct a new sewer line under Sawmill Creek east of Ritchie Highway. There are no private or community petitions for sewer service at this time within the Glen Burnie Small Planning Area.

A small portion of the planning area that lies along Elvaton Road and north of Obrecht Road would convey sewage flows south to the Broadneck Water Reclamation Facility (WRF), located by Sandy Point State Park. This area is currently in the Future Service sewer category and is not presently served by public sewer.

The Broadneck WRF is rated at 6.0 MGD with the annual average daily flow currently over 4.9 MGD. The treated effluent is discharged into the Chesapeake Bay. Full-scale biological nutrient reduction (BNR) facilities have been completed. The plant discharges through an outfall to the Chesapeake Bay, approximately 4,000 feet from the shoreline. The Broadneck WRF will require an expansion from 6.0 MGD to 9.0 MGD. This expansion is required to service the planned growth within the service area as well as the anticipated flows generated with the change in the Broadneck Service Area to include a portion of the Cox Creek SSA. The timing of the expansion is beyond the current CIP program, however planning efforts for the expansion will be initiated within the next 10 years.

Water Service

The Glen Burnie Planning Area falls within two of the County's water pressure zones (WPZ): the Glen Burnie High 295 Zone and the Broadneck/Glen Burnie Low 220 Zone. Generally, those portions of the planning area that lie north of Furnace Creek and Sawmill Creek are in the 295 WPZ and those portions that lie to the south are in the 220 WPZ. However, parts of the Glen Burnie Park and Old Mill communities fall within the 295 WPZ.

The distribution system for the Glen Burnie High 295 pressure zone consists of approximately 270 miles of water mains serving approximately 19,410 customers. The Dorsey Road Water Treatment Plant (WTP) provides water to the 295 pressure zone in the County and is located along Dorsey Road adjacent to I-97. Currently five wells provide raw water to the plant for treatment capacity totaling 3.5 MGD. The plant also receives 2.5 MGD from the Glen Burnie Low 220 WPZ for re-distribution into the 295 zone. Treatment provided includes aeration, prechlorination, chemical addition, coagulation, sedimentation, fluoridation, disinfection and filtration. Water demand is projected to increase by nearly 3 MGD within this zone by the year 2020.

There are also two self-contained wells (SCW) that serve the 295 zone: the Stevenson Road SCW and the Telegraph Road SCW, both located in Severn. Both wells provide chemical addition, disinfection and fluoridation. Rated capacities of the Stevenson Road and Telegraph Road wells are 0.64 MGD and 0.96 MGD, respectively. A third SCW at Quarterfield Road is currently out of service due to the detection of radium in levels exceeding the recommended maximum contaminant level. There is a capital project programmed to remove the excessive levels of radium in this well.

The distribution system for the Glen Burnie Low 220 pressure zone consists of approximately 410 miles of water mains serving approximately 38,280 customers. There are two water treatment plants (WTP) that distribute water to the 220 pressure zone. The Severdale WTP has six groundwater wells capable of producing up to 21 MGD. The plant has a rated capacity of 8 MGD. The Harundale WTP, located at the end of East Way in Harundale, has four groundwater wells capable of producing up to 3.8 MGD. The plant has a rated capacity of 2.1 MGD. Treatment provided at both plants includes aeration, prechlorination, chemical addition, sedimentation, disinfection and fluoridation.

There are four self-contained wells (SCW) that serve the Glen Burnie Low 220 zone: (1) the Glendale SCW; (2) the Phillip Drive SCW; (3) the Elvaton Road SCW; and (4) the Crain Highway SCW. The rated capacities are 0.79 MGD, 0.86 MGD, 0.86 MGD and 0.96 MGD, respectively. Treatment provided includes chemical addition, disinfection, and fluoridation at all the wells with aeration also provided at the Glendale SCW. The Glendale, Philip Drive and Crain Highway SCW's are currently out of service due to the detection of elevated radium levels. A capital project has been initiated to provide radium removal at the Glendale and Crain Highway SCW's, but the Philip Drive SCW has been eliminated. A new well of similar capacity will be constructed near the Crain Highway SCW to utilize a common radium removal treatment system.

The County's current capital program includes a series of new transmission mains connecting the Broadneck 220 Zone to the Glen Burnie Low 220 Zone. These mains will allow the County to transfer water from abundant sources in Arnold to the Glen Burnie Low 220 zone without increasing reliance on the City of Baltimore and deferring other capital costs for construction of new treatment facilities.