

Three Key Actions for the Peninsulas

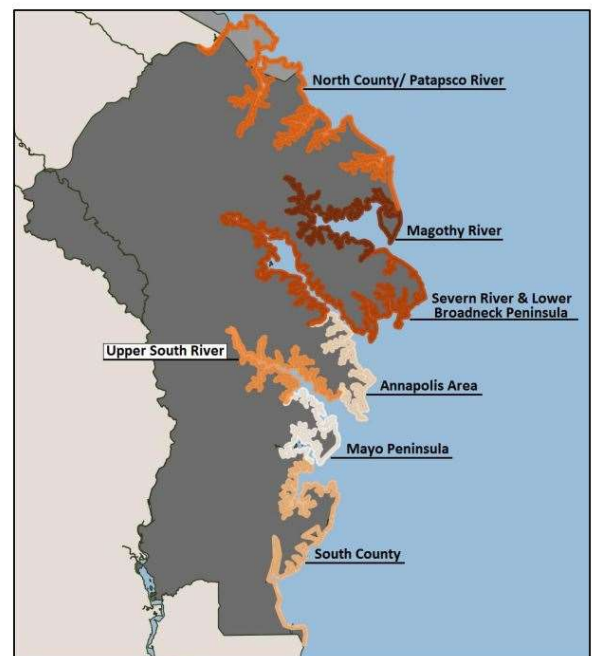
1. Establish a zoning overlay for peninsulas
2. Conduct detailed, citizen driven land use planning to support the quality of the environment and quality of life on peninsulas
3. Define and enforce interim criteria for development on peninsulas to ensure that the pace of development does not outstrip our ability to achieve the first two goals.



What Is The Peninsula Coalition?

- A group of 40 citizen activists from . . .
 - Hog Neck/Mountain Road
 - Magothy River Watershed Assn
 - Severn River Watershed Assn
 - Severna Park
 - Arnold
 - Broadneck Peninsula
 - Annapolis Neck
 - Mayo Peninsula
 - Shady Side
- Representing the explicit commitment of more than 200 citizens associations and HOAs.

AACo Peninsulas Coalition





4

Why? Because Peninsulas Are . . .

- Surrounded by waterbodies on 3 sides
- Wrapped by sensitive shorelines
- Confined by limited road access
- With heightened impact on water quality due to forest degradation, stormwater runoff, impervious surfaces, wetlands, traffic, etc → TMDL goals
- And because most are densely developed already

WHY AN OVERLAY?

Because the existing planning and zoning frameworks do not account for the unique geography of peninsulas.

**NEED TO STOP:
degradation to the natural environment and quality of life.**


AACo Peninsulas Coalition

September
2019

What IS a Peninsula?

- By code (17-5-403(b)), defined by a single road in and out
- These 5
- What's missing?
- Question: Must the peninsula overlay be restricted to the county's definition of a peninsula?





6

Near Term Priorities

For the Council . . .

1. Limit the size of subdivisions (3 or more?) until the zoning mapping and Regional Area Plans are completed and are fully integrated into the new GDP
2. Pause all development on peninsulas where the main arterial road into the peninsula has a "D" rating or less – legislation drafted
3. Support the Forests bill because mature trees, canopy, and roots have an even higher impact when they are near the water

For the Executive Branch . . .

1. Create a peninsula overlay for implementation by OPZ and enforcement by OIP
2. Begin citizen-involved baseline mapping of existing land features – forest canopy, critical areas, streams, wetlands, migratory locations, FIDS, stormwater runoff, impervious surfaces
3. Ensure that peninsula citizens are fully engaged in Regional Area Plans re: infrastructure, EMS/fire, forestation, stream and water quality, development, transportation, roads, etc.

AACo Peninsulas Coalition

September
2019

A Peninsula Overlay Should . . .

- Consider the *cumulative impacts* on the peninsula and ecosystem as a whole in making individual land use decisions
- Be based on an inclusive, transparent, and proactive *process for meaningful public outreach and comment*
- Align with new APFOs which should be tailored to address the *unique challenges* on peninsulas
- Represent the county's *vision and hopes* for improving the quality of the environment and the quality of life for people who live on and enjoy our peninsulas and the surrounding ecosystem
- Ensure long-term *comprehensive land use planning* rather than piecemeal, one-off decisions.



8

The Peninsula Overlay Would . . .

- ▶ *Restrict the impact of development* on water quality, shoreline forest buffers, forest conservation, land preservation, wetlands and stream health, impact fees, aquifer health (quantity and quality of the water supply) beyond what county rules and guidance currently achieve.
- ▶ *Establish rules, criteria, zoning, and building codes* tailored to peninsula environment and infrastructure limitations
- ▶ *Exceed the basics of the MD state minimums:*
 - ▶ **Tidal Wetlands Buffer:** Extend the *100 foot buffer to 300 feet* directly adjacent to the tidal waters, tidal wetlands, and tributary streams. These are typically naturally wooded areas or a forested areas that should be specifically established or managed to protect aquatic, wetland, shoreline, and terrestrial environments from man-made disturbances.
 - ▶ **Non-tidal Wetlands Buffer:** Extend the *25 foot buffer to 75 feet* for non-tidal wetlands comprised of trees, shrubs, and other plants that catch sediments and other pollutants coming from buildings, lawns, and paved areas.
- ▶ **Eliminate modified buffer areas, which give homeowners too much flexibility in the CA.**

AACo Peninsulas Coalition

September
2019

9

Medium Term Priorities

- ▶ **Begin a citizen-involved effort to create a baseline map of existing land features on each peninsula to include forests and tree canopy, the critical area, streams, wetlands, migratory species locations, forest interior species (FIDS), stormwater runoff sources, and impervious surface. Use resources such as the Resilient Design and Form Based Codes Institute to help establish maximum and minimum requirements for these land features with the intent of reducing runoff and minimizing flooding.**
- ▶ **Ensure that citizens in peninsula communities are fully engaged in local Regional Area Planning -- fully funded and supported to address current peninsula-specific needs around infrastructure, emergency services, forestation, stream and water quality, development, and transportation (roads/bikes/pedestrians).**
- ▶ **Require community involvement and consultation on zoning maps before they are finalized and sent to the council**
- ▶ **Create APFOs specifically designed for peninsulas**
- ▶ **Set impact fees at 100% and ensure spent where impacted**
- ▶ **Increase standards for forest preservation on peninsulas**
- ▶ **Continue to improve inspections, monitoring, and oversight.**

AACo Peninsulas Coalition

September
2019



10

In the End . . .

This is an opportunity to create a vision for how to live sustainably on the county's peninsulas, backed by proactive land use planning and enforced by meaningful rules, ordinances, and building codes that are rigorously enforced.

AACo Peninsulas Coalition

September
2019

Peninsula Principles

In May 2019, a coalition of representatives from the major peninsulas in Anne Arundel County created the Peninsula Principles to improve the quality of the environment and quality of life on peninsulas in Anne Arundel County.

Purpose

The purpose of the Peninsula Principles is to effect change in the development review and building process in ways that support of the quality of the environment and quality of life on peninsulas in Anne Arundel County, including but not necessarily limited to Annapolis Neck, Broadneck, Hog Neck/Mountain Road, Mayo, Marley Neck, and Shadyside.

This document has been created by a coalition of organizations on Anne Arundel County's peninsulas. The aim is to advance a three-point request to the County Executive and County Council, as follows:

- 1. To establish a zoning overlay for peninsulas** consisting of rules, criteria, zoning and building codes tailored to the unique environment and infrastructure limitations on peninsulas
- 2. To conduct detailed, citizen-driven land use planning** to support the quality of the environment and quality of life on the county's peninsulas
- 3. To define and enforce interim criteria for development on peninsulas** to ensure that the pace of development does not outstrip our ability to achieve the first two goals

We would like to work with the county to outline a time-frame and specific actions to work toward these goals.

Summary

Peninsulas are fundamentally defined by their topography: nearly surrounded by waterbodies, they are wrapped by sensitive shorelines and are confined by limited road access to most neighborhoods, parks, and businesses. We want to work with the county to develop a "peninsula overlay" — concepts, criteria, zoning, building codes, etc., that are specific to peninsulas, given their unique nature and geography and the outsized impact that development on peninsulas has on traffic and infrastructure, the surrounding rivers, and the Chesapeake Bay.

The rules and criteria for peninsula development should:

- Prioritize comprehensive planning focused on

Endorsed by the following organizations

Among the approximately 200 community organizations are:

Admiral Heights Improvements Association	Kensington Community Association
Annapolis Neck Federation	Kilmarnock Homeowners Association
Annapolis Roads Property Owners Association	Linstead Community Association
Arden Civic Association	Loch Haven Civic Association
Arnold Preservation Council	Magothy River Association
Arundel on the Bay Property Owners Association	Maynadier Homeowners Association
Arundel Rivers Federation	Mayo Civic Association
Bayberry Hills Property Owners Association	Neighbors of the Mayo Peninsula
Beehood Hill Homeowners Association	Olde Severna Park Imp. Association
Belvoir Farms Homeowners Association	Oyster Harbor Citizens Association
Ben Oaks Civic Association	Parker Creek Coalition
Bluff Point Community Association	Pines Community Improvement Association
Broadneck Council of Communities	Providence Club
Browns Pond Improvement Association	River Club Estates Homeowners Association
Carrollton Manor Improvement Association	Saefern Saddle & Yacht Club
Civic Association of Palisades	Saltworks on Severn Citizens Association
Colchester-on-Severn	Selby on the Bay Community Association
Downs Property Owners Association	Severn Heights Improvement Association
Dreams Landing	Severn River Association
Eastport Civic Association	Severn River Garden Club
Epping Forest, Inc.	Severn View Homeowners Association
Fairwinds Beach Club	Severna Forest Community Association
Ferry Farms Improvement Association	Sherwood Forest Club, Inc.
Generals Highway Council of Civic Associations	Shipleys Choice Community Association
Glen Oban Association	Shoreham Beac Citizens Association
Greater Severna Park Council	South Arundel Citizens for Responsible Development (SACReD)
Herald Harbor Citizens Association	Spa Creek Conservancy
Holly Hill Harbour Community Association	Truxton Heights Residents Assoc.
Holly Point Community Association	West Annapolis Civic Association
Hollywood On Severn Improvement Association	West Severna Park Community Association
Indian Landing Community Association	Whitehall Bay Conservancy
Indian Landing Community Association	Whitneys Landing Community Association
	Winchester On Severn Assoc.

2 Peninsula Principles / Anne Arundel Peninsula Coalition

the cumulative impacts of current and potential development.

- Provide a more inclusive, transparent, and proactive process for meaningful public outreach and input.
- Contain criteria that are more appropriate for peninsulas than the existing Adequate Public Facilities Ordinances (APFOs), which have failed to adequately protect peninsulas from the impact of development on roads, schools, emergency services, and wastewater treatment capacity.
- Better address concerns for the impact of development on water quality, shoreline forest buffers, forest conservation, land preservation, wetlands and stream health, impact fees, aquifer health (quantity and quality of the water supply) than the APFOs and other county rules and guidance currently achieve.
- Better ensure that the full impacts of new development on existing residents are accounted for in the impact fees charged to developers.

The maintenance of forested buffer areas, wetlands, seasonal streams, and the natural topography of our peninsulas is essential to the long-term health and welfare of the surrounding waterways and residents. In addition, there is a large body of science demonstrating that the maintenance and restoration of natural bio-retention areas could save county taxpayers millions of dollars annually.

Also, the county has a legal obligation to meet pollution reduction goals for the regional Bay clean-up effort known as the Total Maximum Daily Load (TMDL) or the Bay's "pollution diet." Actions to achieve the goals must be in place by 2025, and then the county (and region as a whole) will be tasked with holding the line — which means capping and offsetting the impacts of new growth. Among Maryland counties, Anne Arundel has one of the greatest amounts of shoreline on the Bay and its rivers, and the peninsulas are on the front line. We must live sustainably on our peninsulas. Establishing appropriate and effective policies makes sense for our neighborhoods now and for these long-term goals and federal requirements.

Background

The six major peninsulas in Anne Arundel County are defined by sensitive three-sided shoreline environment, confined by limited road access, and confronted with significant potential for environmental and quality of life degradation from development. Peninsula and community organizations are increasingly vigilant on these issues due to observance of the degradation of our waterways and neighborhoods by development, additional impervious surface, overly strained infrastructure, the removal of trees and forests, and disturbance of wetlands.

Our greatest concern is the lack of a vision for how to live sustainably on the county's peninsulas, backed by proactive land use planning and enforced by meaningful rules, ordinances, and building codes that are vigilantly enforced, to effectively manage the combined impact of commercial and residential development on traffic, essential services, groundwater supplies, and our environment. Citizens are calling on the county to address these concerns countywide. However, solving these problems on peninsulas requires consideration of their unique geography. Much of the existing code for guiding development is designed for larger projects, while our peninsulas — already well developed — have less land for development and are increasingly impacted by the cumulative effects of smaller projects, which often escapes attention and control.

The impact of development on peninsulas is substantially amplified because it is concentrated in settings with less physical space for offsets and other solutions. For example, development that could be considered small at inland locations combine for greater impact on peninsulas: the associated effects of mass clearing of forest, adding septic and/or sewer capacity, increasing traffic, and adding impervious surface that generates stormwater runoff often impacts a peninsula to a much greater degree than on inland areas. The environmental impacts are greater partly because the shorelines of streams, rivers and the Bay are closer to the developed land. And while these areas are usually within the state-designated Critical Area, exemptions to the protections usually afforded to the Critical Area have permitted continued growth with detrimental effects on peninsulas. Inland areas have more capacity to filter the runoff, manage the traffic through alternate routes, and they can rely on county water and sewer to handle the increased capacity.

Most of the recommendations here echo concerns raised in the 2002 Small Area Plans — and reaffirmed by County Executive Stuart Pittman's recent listening sessions — thus the problems are well-documented. The solutions we propose are also advanced by various smart growth/environmental organizations.

PRINCIPLE 1 - Comprehensive Land Use Planning

Ensure long-term comprehensive land use planning on peninsulas is a priority in order to set and achieve sustainable goals, action plans, and procedures. Piecemeal development and its unintended consequences is no longer an option for geographically constrained peninsulas facing ever greater demands to support both human communities and ecosystem services. Long-range planning that considers cumulative impacts from multiple uses is critical. Action areas would include:

- Providing a public outreach process that is inclusive, transparent, pro-active, and meaningful.
- Identifying/mapping high priority resources (woods, wetlands, shoreline buffers, etc.).
- Consulting, updating and acting on the Small Area Plans. Citizens contributed an enormous amount of time and insight to help create these plans; many of the recommendations are still relevant but have not been acted on, and residents throughout the county have called for a renewed effort.
- Creating a framework through which multiple projects and related APFOs could be considered at a single point in time to accurately represent the peninsula's capability to absorb the cumulative impacts.
- Consider vulnerability to sea-level rise and large storms and salt-water intrusion into wells and aquifers.
- Evaluate soils for their ability to support proposed development.
- Eliminate the grandfathering of subdivisions (and, thusly, building construction codes).

Why the concern? “Death by a thousand cuts” continues to take its toll on all aspects of peninsula communities, from traffic congestion and emergency response times to polluted stormwater runoff and shoreline erosion. Many changes that might appear relatively small in other settings often escape close scrutiny and have an exponential combined impact on peninsulas because of reliance on one or few main roads and a proximity to the Bay and rivers that intensifies water pollution for human contact and aquatic life. We must avoid stovepiping the planning process, which masks the cumulative impacts.

PRINCIPLE 2 - Road Capacity

Require that existing access road capacity is a fundamental criterion for authorizing and approving any proposed development and density changes on the county's peninsulas. This is critical for quality of life as well as the health and safety of peninsula residents and visitors. This should be a priority for the state and county, and be completed in advance of anticipated development with community input to improve vehicle and pedestrian safety and alleviate traffic congestion. Appropriate upgrades should be addressed in advance of anticipated development. Action areas would include:

- A public outreach process that is inclusive, transparent, pro-active, and meaningful.
- Regular, accurate traffic studies
- Methods for considering the cumulative impact of multiple proposed development projects
- Consideration of single points of failure in the road system due to limited rights of way, flooding, lack of shoulders, inadequate access for fire and EMS, power lines, emergency evacuation plans
- Consideration of safety for cyclists and pedestrians

Why the concern? Most peninsulas are served by one main access road. The smaller peninsulas are served by just one two-lane road, areas of which have no shoulders, leaving thousands of residents vulnerable to isolation and without access to fire and EMS services when there are accidents, emergencies, fallen trees, or flooding. In addition, power outages and the heavy rains of 2018 have left access roads closed for several hours at a time. Emergency response times on several peninsulas are longer than the recommended national average and in some cases (such as a barricade situation) have blocked inbound and outbound access for hours. By contrast, Broadneck Peninsula is served by a series of highways that are heavily traveled and over capacity most summer weekends, making access by and for residents increasingly difficult.

PRINCIPLE 3 - Environmental Stewardship

Rigorously enforce federal, state, and county natural resource laws; strengthen county requirements for protecting the environment on peninsulas, including the management and regulation of stormwater; improve other county standards as needed; and increase resources to vigorously enforce them. The protection of trees, forests, headwater streams, wetlands, and shoreline buffers is critical on peninsulas. The county should create zoning, runoff, and remediation rules that protect the natural topography of peninsulas. It should also increase its capacity to enforce existing rules and regulations and enhance protections on peninsulas; develop new tools to help homeowners and developers protect sensitive lands and resources; and capitalize on existing federal and state incentive programs for land conservation. (One example is the transfer of development rights to encourage development in less environmentally sensitive areas). Action areas would include:

- Ensure adequate inspection capacity for county offices (see the 2018 South River Federation report on enforcement gaps and opportunities.)
- Reduce the number of approved variances in the Critical Area on peninsulas. (See the 2017 University of Maryland report that found Anne Arundel County granting 89% of the variance requests for the Critical Area.)
- Review adequacy of environmental protections during the development process.
- Require comprehensive land use planning on peninsulas to set and enforce appropriate density.
- Enforce state regulations for forest conservation and reforestation, and increase protections found to be appropriate for peninsulas. The county needs to strengthen its protection of existing forests which are currently reducing runoff and pollution. Again, the effect must be local. Reforestation lost on the peninsula must be replanted on that same peninsula if there is to be a balance in environmental and life qualities.
- Deforestation of multiple acres in a single operation should not be permitted on peninsulas or under a single grading permit. Trees should be removed only to accommodate the building footprint and a reasonable work area surrounding it.
- Strengthen and rigorously enforce the management of stormwater. While this is a problem across the county, the inherent nature of peninsulas, especially near the Critical Area, makes them even more susceptible to the ravages of stormwater, greatly increasing the negative impact on rivers and the Bay, especially from new construction.
- Builders need to remediate against greater rainfalls in a 24-hour period. The county needs to step up its inspection and oversight of construction sites when heavy rains are forecast. Extend the length of the Adequate Storm Drain Facilities test (17-5-701) from the subdivision's year of completion to three to five years after completion to allow for testing under several climate cycles.
- The county should implement and enforce a no net stormwater runoff provision in the code during subdivision design review and inspection. In older non-compliant communities DPW has a responsibility to remediate as these stormwater systems or lack thereof were tacitly accepted by the county at the time of subdivision.

Why the concern? With every development and building permit issued, the natural environment loses trees and undisturbed ground cover, which causes immediate adverse environmental impact. Development accelerates the loss of forests and wetlands and often provides inadequate mitigation. Trees absorb carbon dioxide and release oxygen into the atmosphere. They stabilize the ground, screen unwanted pollutants, regulate the flow of water by intercepting rain, and release it slowly to the ground where it can gradually run off into rivers or enter the groundwater. Currently, builders are required to mitigate against rains of 2" per 24-hour period. By the end of 2018, there had been 7 rain events exceeding 2", including three in July, 2018.

The number of large rain events experienced this year indicates the 24-hour rainfall expectation ceiling needs to be increased. At the same time, efforts to accelerate development and increase density on peninsulas are detrimental to environmental quality and quality of life. Several developments on peninsulas that are under discussion with county officials — some in or adjacent to critical areas — will ultimately increase the density of development, reduce the tree canopy, increase runoff, add oxygen-depleting nutrients to waterways, tax strained aquifer and septic capacity, and increase traffic beyond levels that already exceed the state definition of roadway capacity.

Even with recent laws increasing the notice areas, communities are still poorly informed about plans, often gaining

information only after county staff have approved sketch plans and issued permits. Even when a parcel's zoning is correctly applied, variances are routinely granted allowing for larger and more dense development. Individual decisions about upzoning are made by a simple majority of the County Council, often without debate or contest.

PRINCIPLE 4 - Cost of Impact

Determine the real cost of development to infrastructure, services and natural resources and set impact fees at 100%. Consider adding bio-retention/environmental costs to APFOs. Where impact fees and fees-in-lieu are collected, require the use of those fees on the peninsula where the related development occurs. Factor into reforestation fees the probable cost of purchasing the land for reforestation. The county should require that impact fees cover 100% of the potential costs that taxpayers would otherwise assume to account for the developments' impact on roads, schools, and the environment. The county should require that all remediation begin before subdivision construction begins and be completed before occupancy permits are issued. Impact fees collected in a particular district should be used in that district; otherwise, the impact to a peninsula could be completely unmitigated. Action areas would include:

- The county should rescind the sunset clause on bill 92-17, which allows builders to build a development of any size if the school district is at 95% capacity starting on January 1st, 2020 or at the adoption of the General Development Plan whichever comes first. The 95% capacity ceiling should be maintained into the future.
- Given the long lead times for site planning and construction, the county should begin the school expansion planning process when any school reaches 90% of capacity.
- New residential development should not be allowed in any school district that is closed, even for single lots. Sketch plans could be reviewed in closed school districts, but no building should be allowed until the school overcrowding is addressed either by the county or the developer and the school district is then open. This should occur before additional permits are issued or variances granted and be done with full transparency and with the participation of interested parties, including citizen groups.

Why the concern? For the past decade, the county has charged impact fees to developers that are only 60-80% of the actual costs to the county of bringing roads, schools, and other public facilities up to par; county tax payers have been subsidizing the remaining fees. Impact fees are collected by the county into a general development fund, with no obligation to provide mitigation to the communities or schools directly impacted by the development. Building codes fail to account for the environmental fragility and limited emergency ingress/egress on peninsulas. The county revised its impact fee structure in the summer of 2018, but without comment about whether or how well these new fees might or might not cover the full costs of development.

The interpretation of the county's School Utilization Chart, which determines whether a school's capacity makes it "closed" is ambiguous, leaves too much discretion to county staff, and we frequently find that school staff is not fully informed of proposed or approved developments. Developers are absolved from building restrictions if a school is still closed after 6 years of the approval of the development, regardless of the size of the development or the number of children affecting the still un-expanded schools that remain closed.

Peninsula Principles • Priority Actions

In May 2019, a coalition of representatives from the major peninsulas in Anne Arundel County created the Peninsula Principles to improve the quality of the environment and quality of life on peninsulas in Anne Arundel County.

The Peninsula Principles represent three requests to the County Executive and County Council:

1. **To establish a zoning overlay for peninsulas** consisting of rules, criteria, zoning and building codes tailored to the unique environment and infrastructure limitations on peninsulas
2. **To conduct detailed, citizen-driven land use planning** to support the quality of the environment and quality of life on the county's peninsulas
3. **To define and enforce interim criteria for development on peninsulas** to ensure that the pace of development does not outstrip our ability to achieve the first two goals

Note that existing county code also supports and encompasses these efforts (§ 17-2-102, appended below).

Near Term Priorities

1. **Begin a citizen-involved effort to create a baseline map** of existing land features on each peninsula to include forests and tree canopy, the critical area, streams, wetlands, migratory species locations, forest interior species (FIDS), storm-water runoff sources, and impervious surface. Use resources such as the Resilient Design and Form Based Codes Institute to help establish maximum and minimum requirements for these land features with the intent of reducing runoff and minimizing flooding.
2. **Limit the size of subdivisions (3 or more?)** until the zoning mapping and Regional Area Plans are completed and are fully integrated into the new GDP.
3. **Pause all development on peninsulas where the main arterial road into the peninsula has intersections with a “D” rating or less** based on the most recent traffic studies.
4. **Ensure that citizens in peninsula communities are fully engaged in local Small Area Planning** that is fully funded and supported to address current peninsula-specific needs around infrastructure, emergency services, forestation, stream and water quality, development, and transportation (roads/bikes/pedestrians). Further, ensure that the GDP and zoning maps are amended to reflect each of the Small Area Plans on peninsulas once they are completed.

Medium Term Priorities

1. Establish an overlay for peninsulas – rules, criteria, zoning, and building codes tailored to peninsula environment and infrastructure limitations.
2. Set impact fees at 100% and ensure spent where impacted.
3. Use cumulative impact of development on the surrounding communities.
4. Require community involvement and consultation on zoning maps before they are finalized and sent to the council.
5. Create APFOs specifically designed for peninsulas.
6. Increase substantially the size of critical area buffers around first order streams.
7. Increase standards for forest preservation on peninsulas.