

Changes to the North Kingstown Water Service Area

North Kingstown is entirely dependent on groundwater resources for its water supply needs. A major tool of North Kingstown's growth management policies is the town's water service area (WSA), a demand management strategy established in 2002 which limits uncontrolled expansion of the town's water system. The original intent of the WSA was to limit areas where water mains could be extended and restrict lawn irrigation because the town realized that the summer water demand was approaching the total amount of water that was available as supply. The original boundaries were based on where the majority of the existing infrastructure was and limited extensions to those areas that could be served by existing wells and tanks. Reducing the area of the WSA has been studied for over four years because water demand has at times reached the water system capacity. In addition, the Hunt/Annaquatucket/Pettaquamscut Aquifers (HAP) have come under recent scrutiny due to water quantity concerns in the larger aquifer system. A number of water supplier use the HAP, and the town has been exploring ways to work with the state and others to properly manage this resource.

Considering North Kingstown is entirely dependent on groundwater resources for its water supply needs, the WSA assists the town in continuing to protect rural character/preserve open space through protections of the natural carrying capacity of the land and management of growth in a manner which can provide efficient and adequate public facilities and services. Therefore, as the town strives to direct growth to existing villages and growth centers it becomes apparent that the WSA boundaries must be redrawn in a parallel manner.

The Water Service Area map is included in the Community Services and Facilities portion of the town's comprehensive plan. Although water infrastructure exists in the roadways, the existing map includes the southern portion of the Route 2/102 intersection yet the northern portion of the intersections is excluded from the WSA. The adopted amendments add the northern portion of the Route 2/102 intersection to the WSA while simultaneously limiting water service to existing villages, Post Road, and light industrial parcels. This change reduced the WSA in town by over 80%, with less than 8% of the total land area in North Kingstown now having the ability to extend a water main for new development. This change will lead to improved utilization of our water infrastructure moving forward.

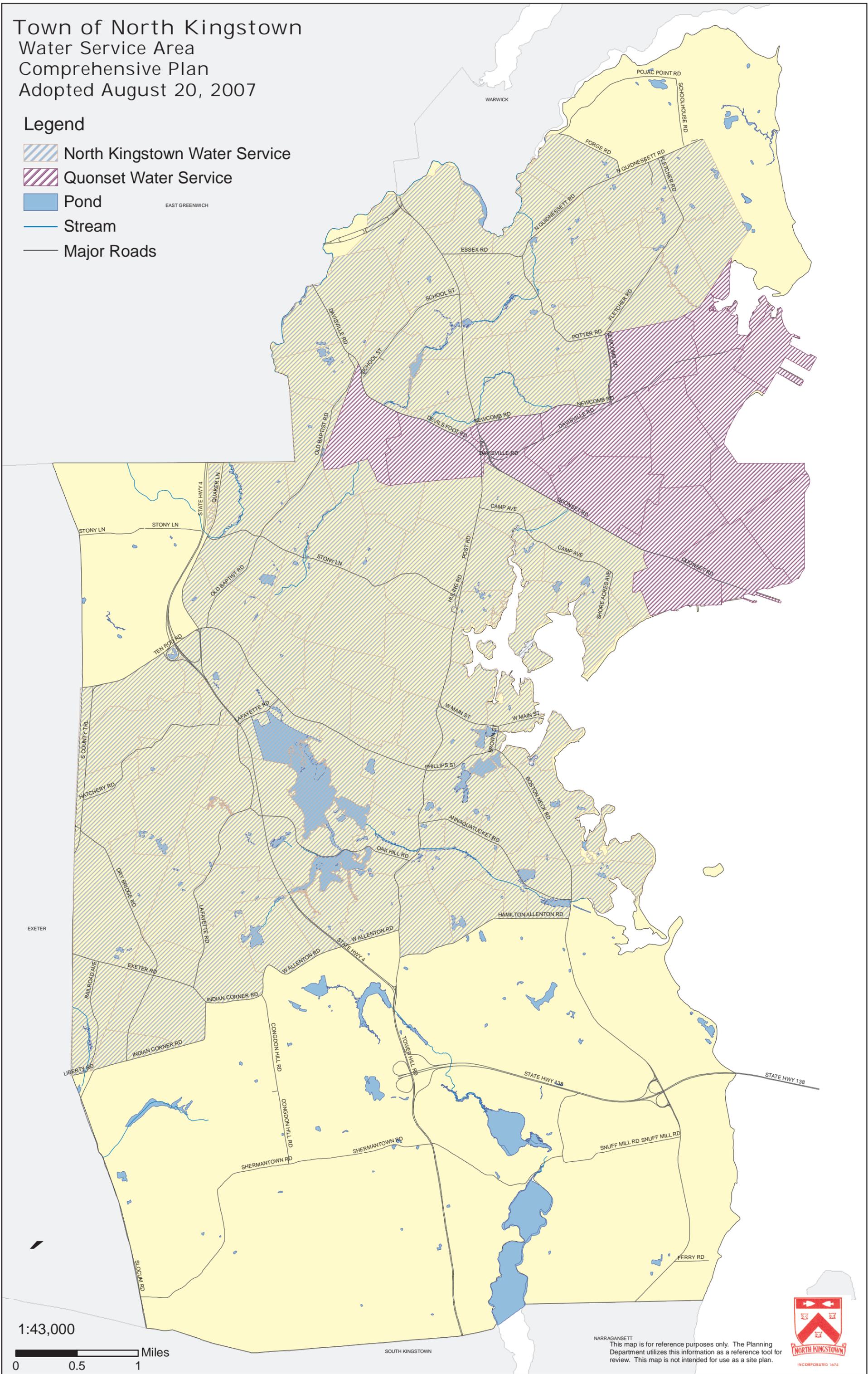
ORIGINAL WATER SERVICE AREA MAP

(see next page)

Town of North Kingstown Water Service Area Comprehensive Plan Adopted August 20, 2007

Legend

-  North Kingstown Water Service
-  Quonset Water Service
-  Pond
-  Stream
-  Major Roads



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NARRAGANSETT
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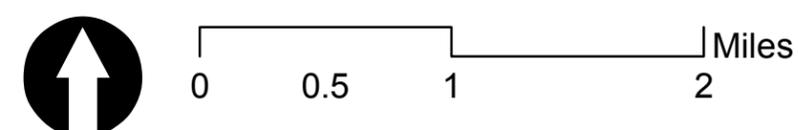
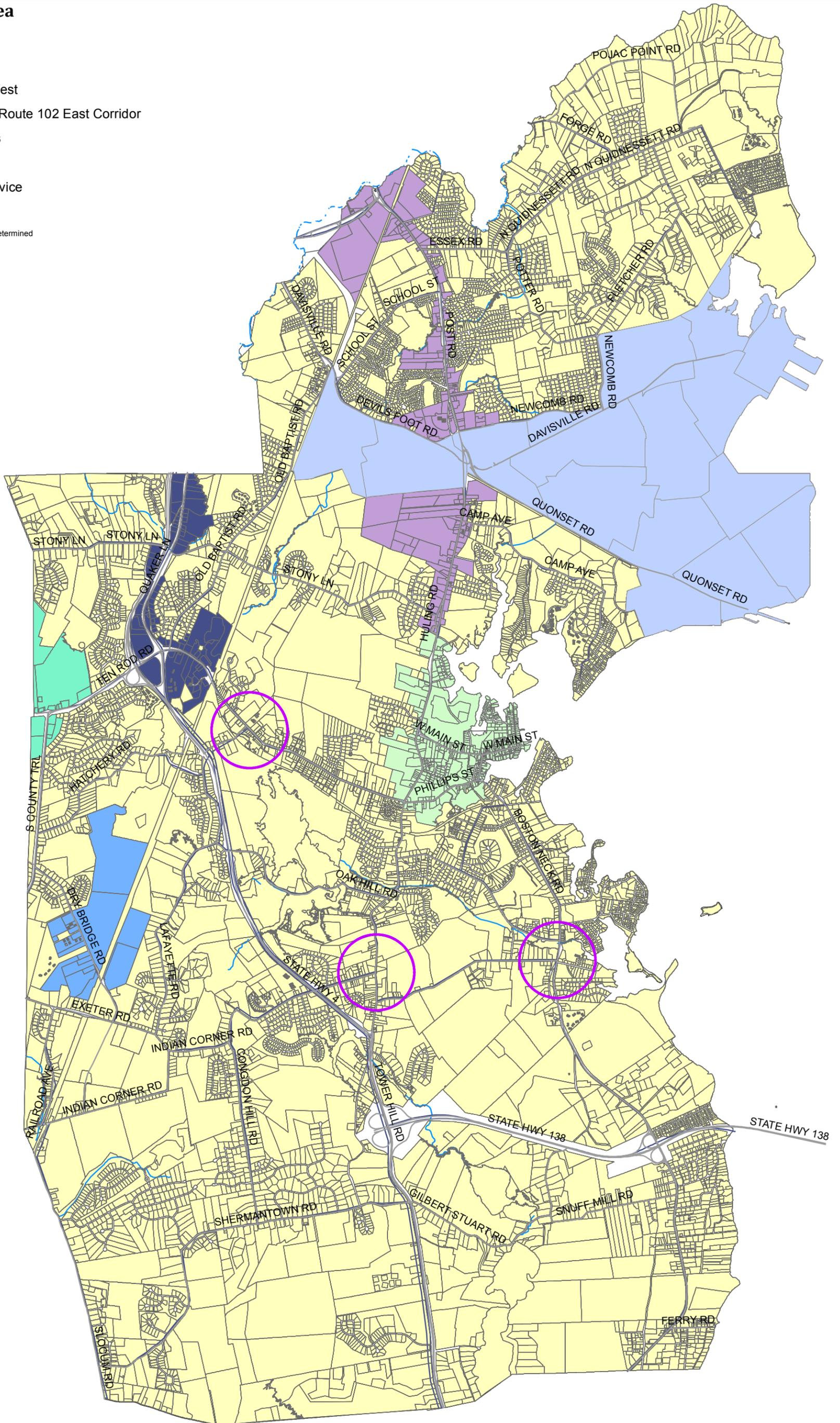


AMENDED WATER SERVICE AREA MAP

(see next page)

Water Service Area

- Wickford Area
- Post Road
- Route 2 and 102 West
- Route 2 North and Route 102 East Corridor
- Light Industrial Lots
- Post Road
- Quonset Water Service
- Roads
- Proposed boundaries to be determined by results of the village study.



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