

District Meter Area Assessment

EEA Drought Resilience and Water Efficiency Grant
Town of Provincetown, MA



Water System Background

- 4100 connections
- 41 miles of pipe
 - AC – 43%
 - PVC – 37%
 - DI – 19%
- High Unaccounted for Water
 - Between 15-24% (2019-2023)
- Difficulty locating leaks

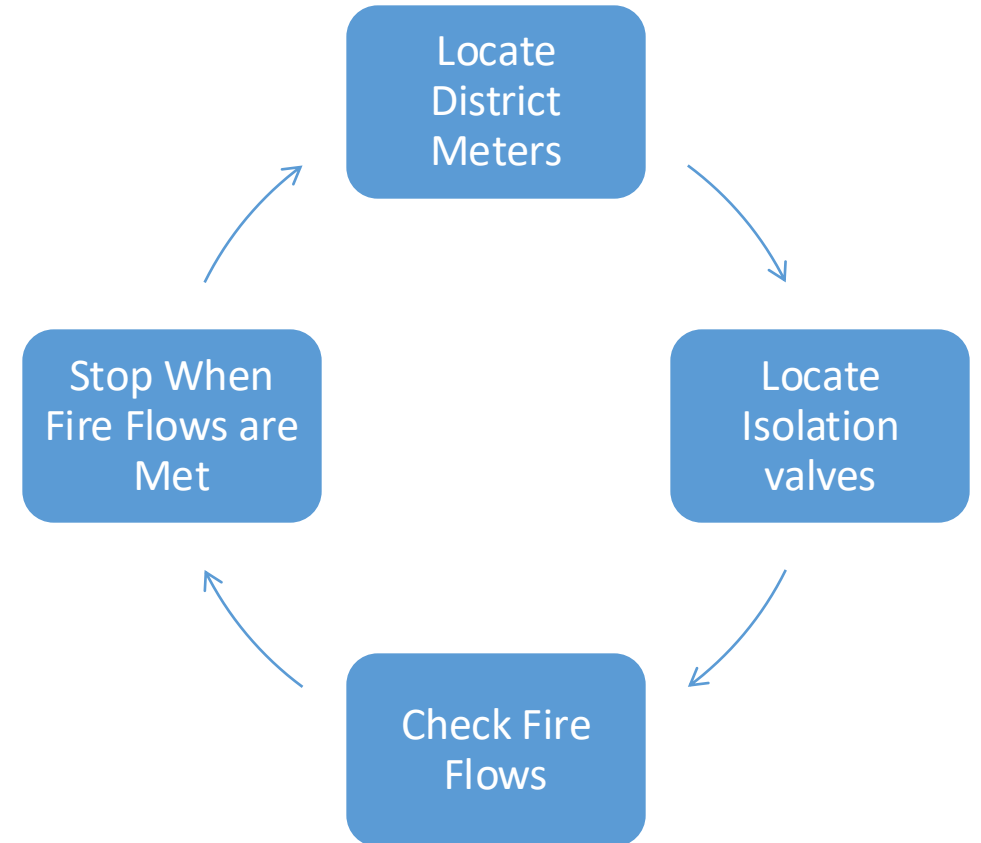


Benefits of District Meter Areas (DMAs)

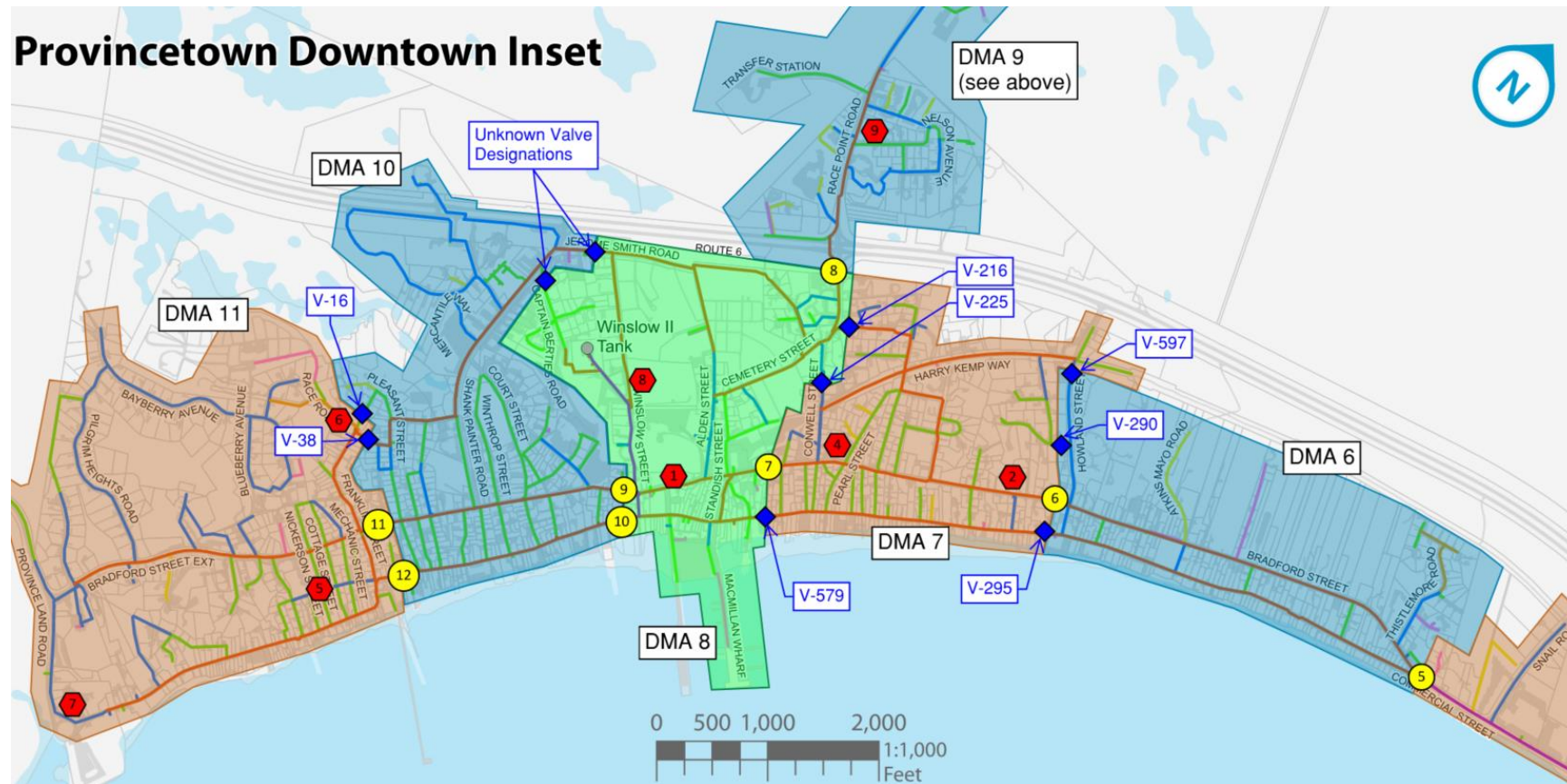
- Aligns with MassDEP guidance for stressed basins
- Advances compliance with the Water Management Act (M.G.L. c. 21G)
- Precise, quantifiable reduction in withdrawals
- Targeted leak detection and flow accountability
- Enhanced reporting accuracy for MassDEP permit renewals.



District Meter Areas



DMA Development



Next Steps

- Meter pit design
- Deploy meters in phases (subject to funding availability)
- Analyze results
- Targeted regional investigations
- Locate and mitigate UAW



Thank you!

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