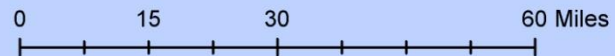
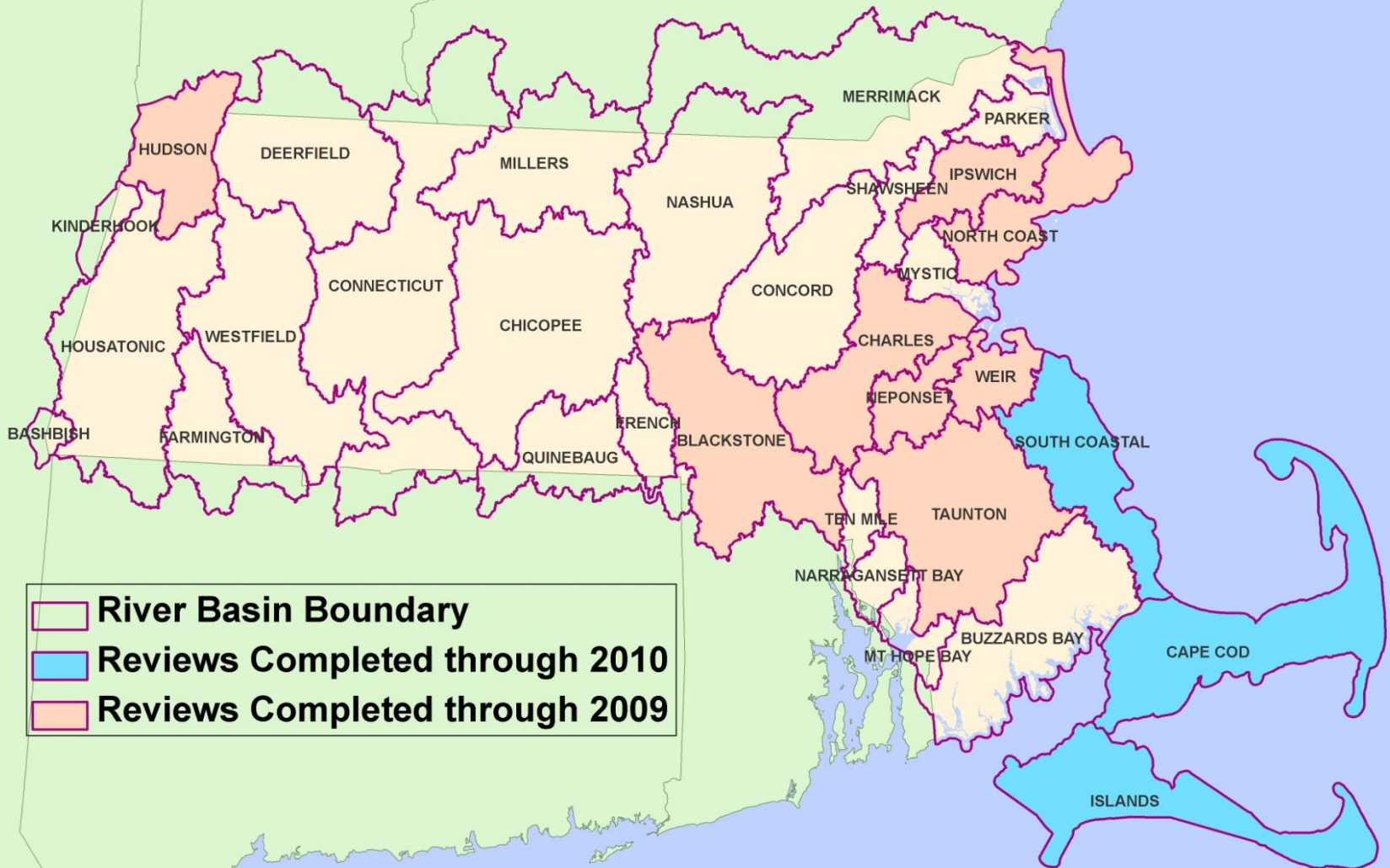


# Water Needs Forecasting & Water Management Act Permitting Schedule

Update to the  
MA Water Resources Commission  
October 2014

# Status of Water Needs Forecasts by Basin



Source: MassGIS  
Jan. 13, 2011

# Factors affecting WNF schedule

- ▶ PEA I (2010) & PEA II (2012) – extended permits for 4 years
- ▶ Permit renewal applications submitted; put on hold:
  - Ipswich
  - Boston Harbor
  - Taunton
  - South Coastal
  - Cape Cod
  - Islands
- ▶ 2010 – new Census data available

# Updates of water needs forecasts: Basins with permits on hold

- ▶ Streamlined review of data
  - If change in 2010 population is more than  $+/-5\%$ ,
  - And resulting mgd estimate (assuming 65rgpcd) is 0.1 mgd or greater,
  - Then forecast will be revised.

Example:

City or town	2010 pop used in WNF	2010 Census pop	Change in # of people	Percent change	mgd estimate @ 65	Revise?
Easton	28,971	23,112	-5,859	-25%	-0.38	yes
Marshfield	25,335	25,132	-203	-1%	-0.01	no

# New water needs forecasts: Basins with permits renewed

- ▶ Basins previously permitted that had temporary allocation may get new projections

Basin	Projected 5-Year Review
Hudson (3)	November 2015
Blackstone (1)	February 2017
Charles (4)	February 2017
North Coastal (4)	February 2016

# Timeline: WMA Permit Renewal & Water Needs Forecasting

Months before permit expires	Activity
20 months	Start Basin Planning Process <ul style="list-style-type: none"><li>• Draft water needs forecasts developed</li></ul>
16 months	Basin Outreach Meeting <ul style="list-style-type: none"><li>• Final draft water needs forecasts provided</li></ul>
12 months	Permit Filing Deadline
9 months	Orders to Complete Issued by DEP
6 months	Response to Orders to Complete Due
3 months	Draft Permit Issued for Comment

# Outreach Meeting Timeline

Basin	Outreach Meeting	Expiration Date
*South Coastal	Oct-2014	Aug-2015
Deerfield	Nov-2014	Feb-2016
*Cape Cod	Jan-2015	Nov-2015
Buzzards Bays	Feb-2015	May-2016
Housatonic	Feb-2015	May-2016
*Ipswich	Mar-2015	Early 2016
*Boston Harbor	Apr-2015	Feb-2016
*Taunton	Apr-2015	Feb-2016
*Islands	May-2015	Feb-2016
Concord	May-2015	Aug-2016
Ten Mile	Aug-2015	Nov-2016

Expiration Date assumes one-year interim permits will be issued

\*Application on file with DEP- Outreach meeting 10 months prior to expiration (vs. 16 months)

# Outreach Meeting Timeline (cont.)

Basin	Outreach Meeting	Expiration Date
Millers	Nov-2015	Feb-2017
Chicopee	Feb-2016	May-2017
Quinebaug	May-2016	Aug-2017
Connecticut	Aug-2016	Nov-2017
Nashua	Nov-2016	Feb-2018
French	Feb-2017	May-2018
Shawsheen	May-2017	Aug-2018
Merrimack	Aug-2017	Nov-2018
Parker	Nov-2017	Feb-2019
Narragansett	Feb-2018	May-2019