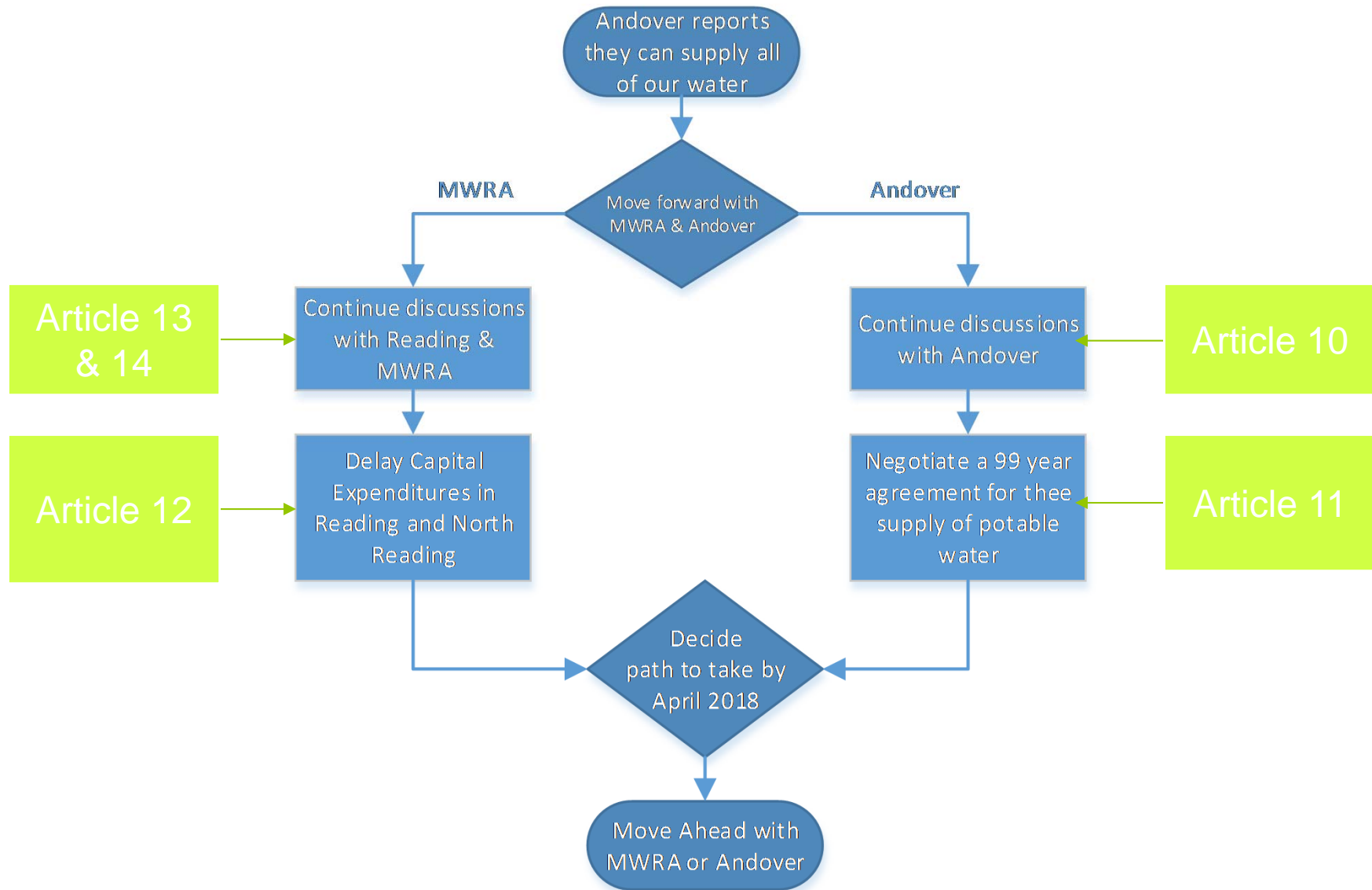


Article 10

- Appropriate Funds for Study and Design – Water/Wastewater Connection
 - Article Proposes to Appropriate \$ 325,000.00 to evaluate water and wastewater alternatives including, but not limited to, the Town of Andover. \$175,500 is to be funded from water retained earnings, and \$149,500 is to be general fund borrowing.
 - Motion by: Mr. O’Leary
 - Presentation by: Town Administrator
 - BoS: Recommends
 - FinCom: Recommends

Objectives for Tonight

- Article 10 – Study and Design of Water/Wastewater Connection with the Town of Andover
- Article 11 – Authorize Intermunicipal Agreement with Town of Andover and Home Rule Petition for Potable Water
- Article 12 – Fund Construction of Pump Station, Reading and North Reading Water System Improvements for MWRA Water Interconnection and Acceptance of Water from the MWRA
- Article 13 – Authorize Intermunicipal Agreement with the Town of Reading and Home Rule Petition for Potable Water
- Article 14 – Article 97 Legislation for Potable Water Interconnection with the Town of Reading



Why consider Andover at this time?

- The Town of Andover has indicated a willingness and ability to provide 100% of our water.
- There is a capital cost saving of approximately \$6.8 Million Dollars
- Avoidance of a \$7.68 Million Dollar MWRA buy in cost
- Lower average annual water rate increase (1.2% vs 4%) than MWRA

Remaining Challenges

MWRA Water

- Approval of getting pipe across the Mill Street Bridge from Reading Historic and Conservation committees
- Legislative approval for the same
- Approval of a new 2.6 million gallon a day IBT
- Town of Reading approval of a 99 year wheeling agreement

Andover Water

- Negotiations leading to a 99 year legal agreement
- Andover Town Meeting approval of 99 year agreement
- Legislative approval also needed
- Approval of an additional 1.1 million gallon a day IBT
- Andover obtaining approval of withdrawing additional water from the Merrimack River for long term needs

Pros

MWRA

- Permanent solution
- NR Representation
- Community is on board
- Design is underway to meet July 1, 2019 cutover
- Mill Street property has been purchased for required pumping station
- Capital funding has been approved by Town Meeting

ANDOVER

- There are two existing water connections between Andover and North Reading
- No pumping is required
- Any infrastructure costs in Andover will be funded by Andover
- No buy in costs
- No wheeling charges
- Lower historical water rate changes 1.2% vs 4%
- Supports connection to Greater Lawrence sewer district

Cons

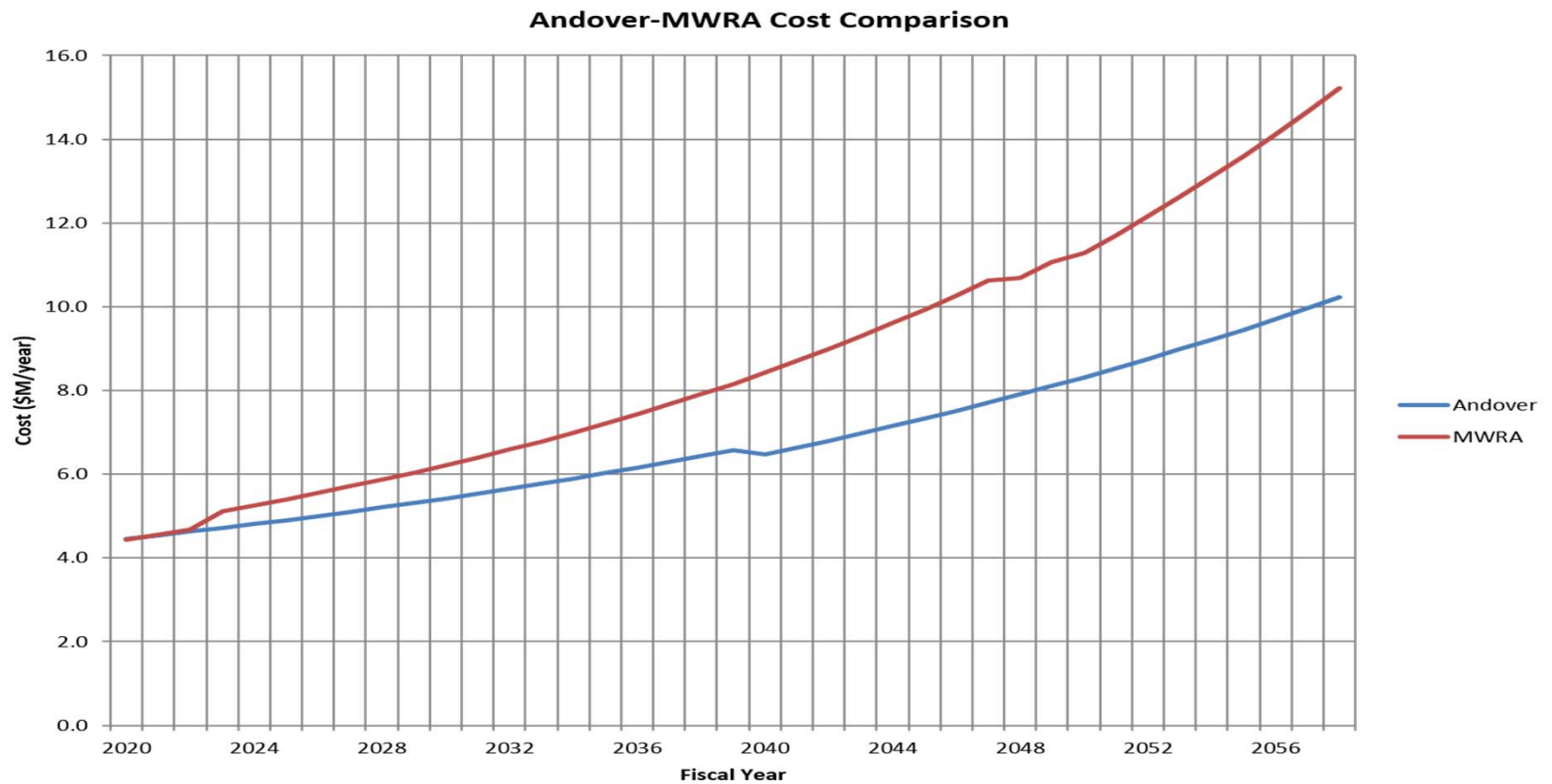
MWRA

- Higher level of permitting required
- Getting approval to cross the Ipswich River at Mill Street
- Requirement to make improvements to the Reading water infrastructure
- MWRA will not bring supply directly to NR thus requiring a wheeling charge with Reading
- All costs to be borne by NR
- Single connection at Mill St.
- Water needs to be pumped into NR
- Will have to add chloramines at pumping station
- Buy in to MWRA is \$7.68 Million
- Lose or delay connection to greater Lawrence sewer district
- Special legislation to allow water line through conservation land

Andover

- We will not be a member of Andover's water commission
- Agreement lacks permanence, only for 99 years
- Chlorine will have to be added at two entry points
- The Impact of the MWRA sewer opportunity on Concord Street is unclear
- Special Legislation needed for the 99 year agreement

Cost of Water Operations



Article 11

- Authorize Intermunicipal Agreement with Town of Andover and Home-Rule Petition for Potable Water
 - Article would authorize Board of Selectmen to file special legislation to enter in to 99 year agreement with Andover for potable water
 - Motion by: Mr. O'Leary
 - Presentation by: Town Administrator
 - BoS: Recommends
 - FinCom: Recommends

Article 12

- Fund Construction of Pump Station, Reading and North Reading Water System Improvements for MWRA Water Interconnection and Acceptance of Water from the MWRA
 - Article would have authorize supplemental funding for construction of MWRA interconnection, however there is **no request for additional construction funds at this time.**
 - Article would authorize Board of Selectmen to take any remaining action to finalize joining MWRA for water, including re-payment of the buy-in cost to the MWRA estimated to be \$7.68 million. **This cost was reviewed at the June, 2016 Town Meeting and has been part of the financing plan for MWRA since 2014. This action formally authorizes the Board of Selectmen to enter into an agreement to re-pay the buy-in if the MWRA proves to still be the best option for the Town.**
 - Motion by: Mr. O'Leary
 - Presentation by: Town Administrator
 - BoS: Recommends
 - FinCom: Recommendation to be made at Town Meeting

Article 13

- Authorize Intermunicipal Agreement with Town of Reading and Home-Rule Petition for Potable Water
 - Article would authorize Board of Selectmen to file special legislation to enter in to 99 year agreement with Reading for potable water
 - Motion by: Mr. O'Leary
 - Presentation by: Town Administrator
 - BoS: Recommends
 - FinCom: Recommends

Article 14

- Authorize Article 97 Special Legislation for Potable Water Interconnection with Town of Reading
 - Article would authorize filing of special legislation with the Town of Reading to authorize construction of a water interconnection with Reading for MWRA water on Article 97 protected parcels of land owned by the Town of Reading and located on Mill Street along the Towns' border
 - See Map on Next Slide
 - Motion by: Mr. O'Leary
 - Presentation by: Town Administrator
 - BoS: Recommends
 - FinCom: Recommends

Article 14 (continued)

