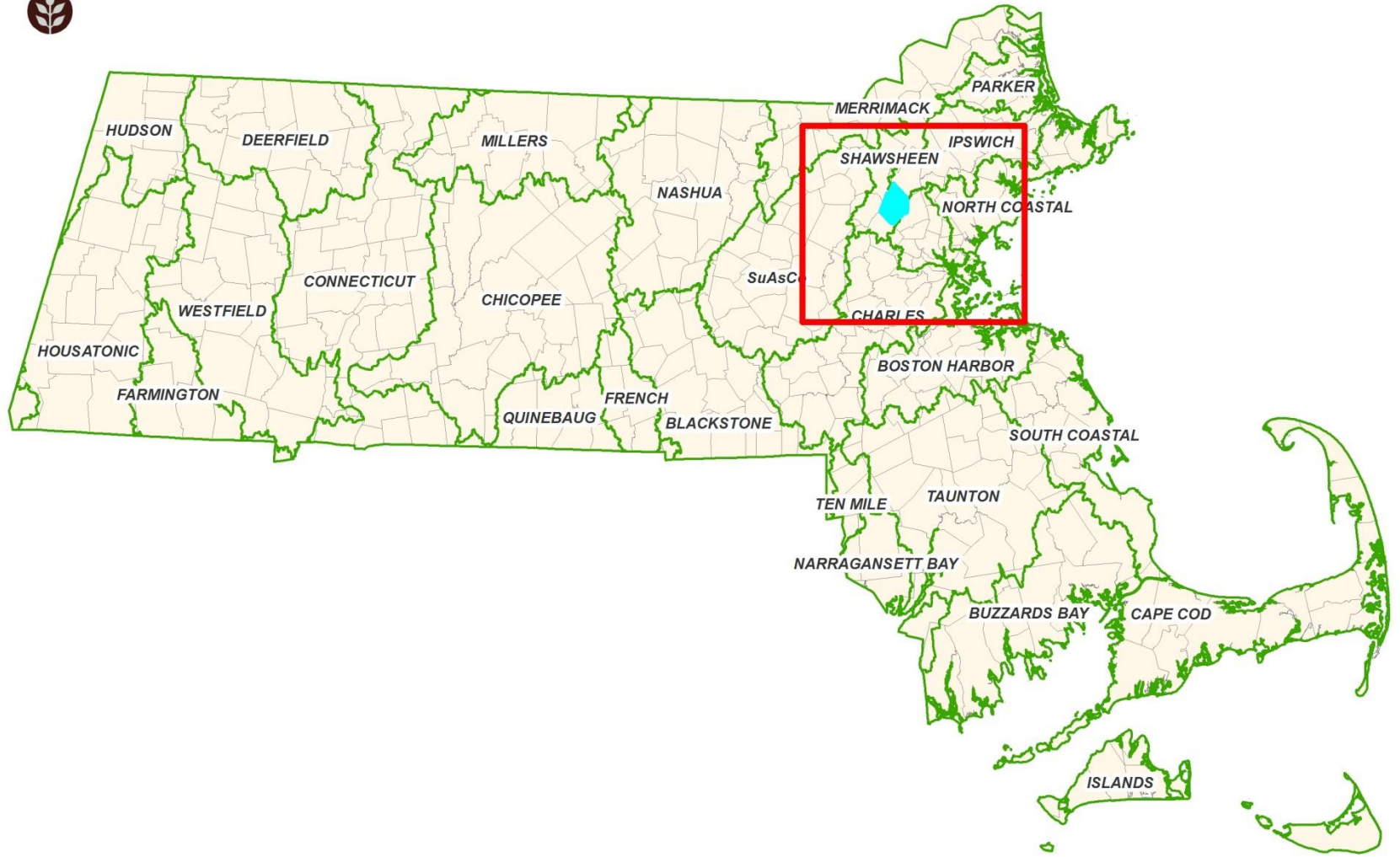




BURLINGTON'S PROPOSAL TO JOIN THE MWRA UNDER THE INTERBASIN TRANSFER ACT

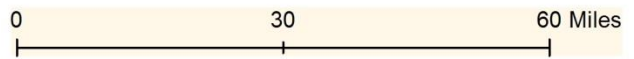
Request for Additional Information on FEIR

Massachusetts Water Resources Commission

April 16, 2020



 Town of Burlington
 River Basin Boundaries



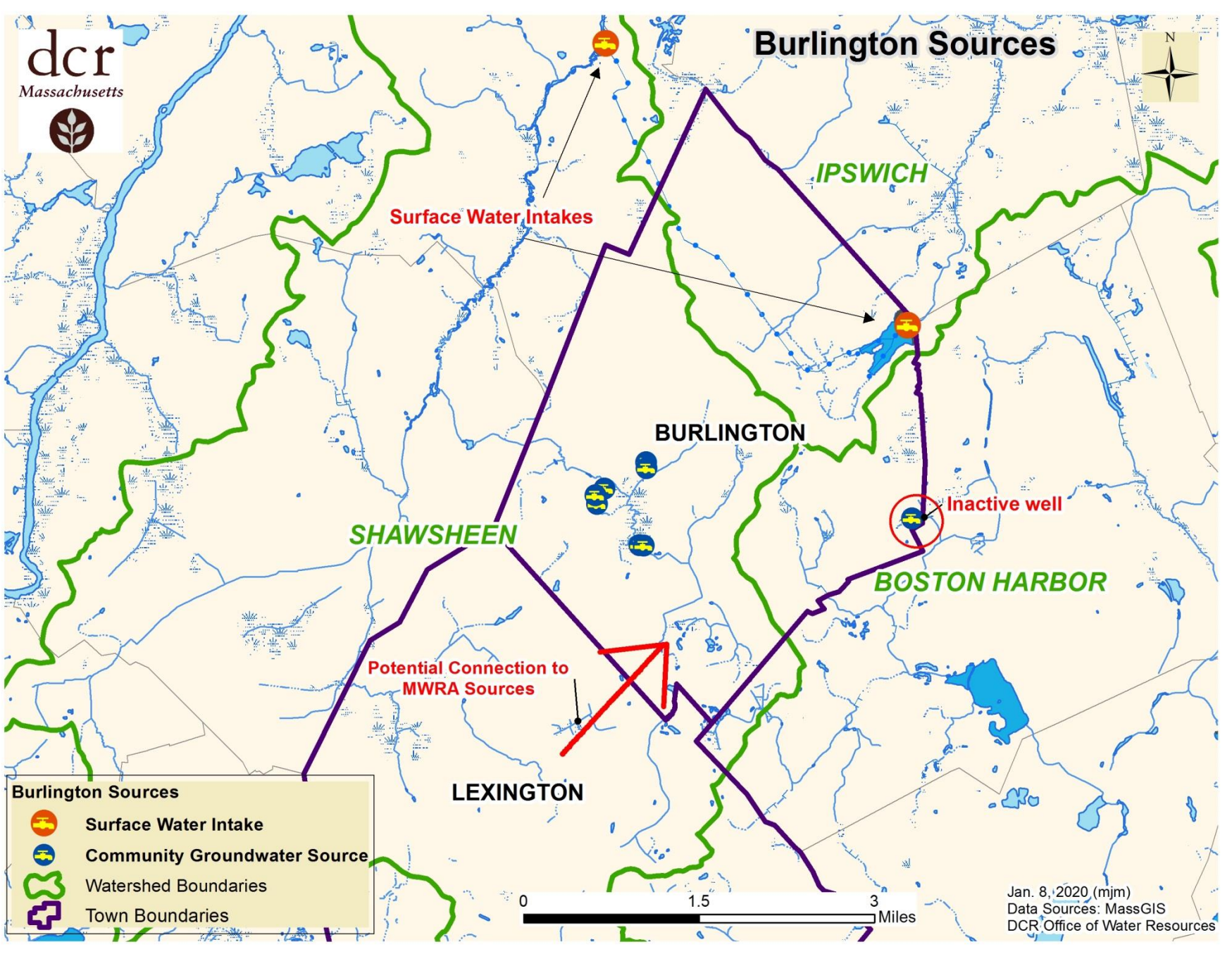
Jan. 8, 2019 (mjm)
 Data Sources: MassGIS
 DCR Office of Water Resources

Facts Pertaining to the Application

- Project Proponent and Receiving Community: Burlington
- Donor: MWRA
- Burlington has land area in the Shawsheen, Ipswich, and Boston Harbor basins
- 7 groundwater wells and 1 surface water source:
 - 3 wells offline due to 1, 4-dioxane contamination
 - Mill Pond Reservoir primarily fed from Shawsheen River via 4 mile pipe
 - Mill Pond WTP (2.5-3 MGD) lacks redundancy (offline 2-3x/year to clean)
- Proposing to purchase up to 6.5 MGD (max day) to supplement its existing water supply sources and provide redundancy:
Phase 1 - up to 1 MGD; Phase 2 - up to 6.5 MGD
- MWRA Waterworks System has sources in the Chicopee River and Nashua River basins



Burlington Sources



Surface Water Intakes

IPSWICH

BURLINGTON

SHAWSHEEN

Inactive well

BOSTON HARBOR

Potential Connection to MWRA Sources

LEXINGTON

- Burlington Sources**
- Surface Water Intake
 - Community Groundwater Source
 - Watershed Boundaries
 - Town Boundaries

0 1.5 3 Miles

Jan. 8, 2020 (mjm)
Data Sources: MassGIS
DCR Office of Water Resources

Brief Timeline

- 2011 1,4-Dioxane MCL reduced from 3ppb to 0.3ppb
- Wells 3, 4 & 5 taken offline at Vine Brook TP, reducing capacity by 1.95 to 1MGD
- Town implemented a Drought Plan including outdoor watering restrictions tied to elevations at Mill Pond
- 2016 Alternatives Analysis- reviewed existing sources, new sources, purchase from MWRA and/or neighboring towns
- Recommended Alternative: Vine Brook offline, keep Mill Pond, estimated need from MWRA= 3.5 ADD, 6.5 MDD with Mill Pond offline

Information Requested

- Comments on the FEIR due to MEPA on April 10, 2020
- MEPA decision expected on April 17, 2020
- WRC staff has requested additional information pertaining to these criteria:
 - Criteria #3: Water Conservation (water rates)