# Environmental Justice Screening Form

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| Project Name | Lynnfield Center Water District Supplement Water Interconnection with Wakefield/MWRA |
| Anticipated Date of MEPA Filing | July 17, 2023 |
| Proponent Name | Lynnfield Center Water District (LCWD) |
| Contact Information (e.g., consultant) | Danielle Gallant, Gallantdj@cdmsmith.com |
| Public website for project or other physical location where project materials can be obtained (if available) | N/A |
| Municipality and Zip Code for Project (if known) | Lynnfield, MA 01940 |
| Project Type\* (list all that apply) | Water Supply – New Source |
| Is the project site within a mapped 100-year FEMA flood plain? Y/N/ unknown | No |
| Estimated GHG emissions of conditioned spaces [(click](https://www.mass.gov/media/2382671/download) [**here** for GHG Estimation tool](https://www.mass.gov/media/2382671/download)) | 0 |

Project Description

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| 1. Provide a brief project description, including overall size of the project site and square footage of proposed buildings and structures if known.   LCWD is proposing an interconnection with the Massachusetts Water Resources Authority (MWRA) (through the Town of Wakefield) for redundant and reliable water supply. This water supply will support the Lynnfield through the summer months where it currently struggles to maintain supply required for customers and fire protection.  The actual construction portion of the project would include a below ground vault to connect the existing water mains in Lynnfield to water mains in Wakefield. This vault is proposed within a grass area on the eastern side of the intersection of Bay State Road and Main Street in Lynnfield. A small pedestal with a readout panel would occur above ground, and a new driveway to access the vault and pedestals will be installed. No structures or buildings are proposed as a part of this project. |
| 1. List anticipated MEPA review thresholds (301 CMR 11.03) (if known)   301 CMR 11.03(4)(a)2 “New interbasin transfer of water of 1,000,000 or more gpd or any amount determined significant by the Water Resources Commission.” The Water Resources Commission (WRC) has determined that any MWRA-based interbasin transfer is considered significant on the basis of cumulative flows from the donor basin. |
| 1. List all anticipated state, local and federal permits needed for the project (if known)   The interbasin transfer of MWRA water will require MEPA and WRC approval, as well as a Massachusetts Bureau of Resource Protection Water Supply 32 permit for modification of the distribution system and Massachusetts Department of Transportation permit for construction within their right of way and easement on their land. |
| 1. Identify EJ populations and characteristics (Minority, Income, English Isolation) within 5 miles of project site (can attach map identifying 5-mile radius from [EJ Maps Viewer](https://mass-eoeea.maps.arcgis.com/apps/MapSeries/index.html?appid=535e4419dc0545be980545a0eeaf9b53) in lieu of narrative)   BG2-Tract 2103.1 (Peabody north): Income  BG1-Tract 2103.2 (Peabody south): Minority  BG1-Tract 3353.02 (Wakefield): Minority  BG3-Tract 3342 (Reading): Income  Block Group 1-Tract 3336.01 (Woburn northeast): Minority  BG 1-Tract 3334 (Woburn southeast): Minority  Block Group 3-Tract 3336.02 (Woburn northcentral): Minority  BG4-Tract 3336.02 (Woburn Northwest): Minority  BG1-Tract 3336.02 (Woburn southwest): Minority  BG2-Tract 3335.02 (Woburn Central north): Minority  BG1-Tract 3335.02 (Woburn Central Middle): Minority  BG4-Tract 3334 (Woburn Central south): Minority  BG3-Tract 3382 (Winchester): Minority  BG1-Tract 3373 (Stoneham South): Minority  BG3-Tract 3372.01 (Stoneham North): Minority  BG3-Tract 3364.02 (Melrose west): Income  BG1-Tract 3364.02 (Melrose east): Minority  BG2-Tract 2084.02 (Saugus west): Minority  BG1-Tract 2084.01 (Saugus north): Minority  BG1-Tract 2083.01 (Saugus north central): Income  BG3-Tract 2082 (Saugus south central): Income  BG1-Tract 2083.02 (Saugus East): English Isolation  BG3-Tract 2054 (Lynn): Minority  Tract 3336 (Woburn): Portuguese or Portuguese Creole (5.4%) |
| 1. Identify any municipality or census tract meeting the definition of “vulnerable health EJ criteria” in the [DPH EJ Tool](https://matracking.ehs.state.ma.us/Environmental-Data/ej-vulnerable-health/environmental-justice.html) located in whole or in part within a 1 mile radius of the project site.   Wakefield: Elevated blood lead prevalence, Low birth weight, Heart attack rate per 10,000, Childhood asthma ed visits rate per 10,000  Lynnfield: Low birth weight, Heart attack rate per 10,000, Childhood asthma ed visits rate per 10,000  Reading: Low birth weight, Heart attack rate per 10,000, Childhood asthma ed visits rate per 10,000 |

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| 1. Identify potential short-term and long-term environmental and public health impacts that may affect EJ Populations and any anticipated mitigation   The proposed project will not have any short term or long-term environmental and public health impacts that may affect EJ populations. |
| 1. Identify project benefits, including “Environmental Benefits” as defined in 301 CMR 11.02, that may improve environmental conditions or public health of the EJ population.   The proposed project will not affect EJ populations in any capacity, however it will provide reliable drinking water to the LCWD customers. |
| 1. Describe how the community can request a meeting to discuss the project, and how the community can request oral language interpretation services at the meeting. Specify how to request other accommodations, including meetings after business hours and at locations near public transportation.   Please contact the following CDM Smith team member for project questions or other project needs:  Danielle Gallant, PWS, QEP  Environmental Scientist  CDM Smith  3 Davol Square, Building A, Suite A-425  Providence, Rhode Island 02903  Phone number: 401-457-0321  Email: GallantDJ@cdmsmith.com |

*\*MEPA Project Types [Note: this list can be omitted when circulating this form.]*

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| Article 97 | Marijuana |
| Agriculture | Marine Industrial |
| Airport | Master Plan – Development |
| Aquaculture/Shellfish | Master Plan – Urban Renewal Plan |
| Beach/Coastal Nourishment | Other (Specify) |
| Coastal Infrastructure | Recreation |
| Commercial - Office/Lab/R&D | Regulations |
| Commercial - Hotel | Remediation |
| Commercial - Warehouse | Residential |
| Commercial- Retail | Resiliency |
| Dam Removal | Solid Waste |
| Dam Repair/Replacement | Transportation – Roadways/transit |
| Dredging | Transportation - Trails |
| Ecological Restoration | Wastewater – Treatment/conveyance |
| Energy Generation | Wastewater - CWMP |
| Energy Storage | Water Supply - New Source |
| Energy Transmission | Water Supply – Treatment/conveyance |
| Industrial |  |
| Institutional - Educational |  |