LAND USE MAPS

File Location: \\bscbos\wor\GIS-WOR\GISPrj\2334600\Output\Maps\MXD\ReportMaps\LandUseWards\EverettMVP_LandUseWard1_20190625.mxd
Date Saved: 6/26/2019 11:49:28 AM

Ward 1	Area (acr.)	%
Residential - multi-family	68.38	36.3%
Right-of-way	48.88	25.9%
Residential - single family	24.25	12.9%
Commercial	21.40	11.3%
Tax exempt	17.17	9.1%
Industrial	3.05	1.6%
Mixed use, primarily residential	2.78	1.5%
Mixed use, other	1.43	0.8%
Open land	1.24	0.7%

Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- Fire Station
- Housing Authority
- School
- MBTA Bus Route

Land Use (2016)

- Commercial
- Industrial
- Mixed use, primarily residential
- Mixed use, other
- Open land
- Residential - single family
- Residential - multi-family
- Tax exempt
- Right-of-way
- Unknown

N

1 inch = 400 feet

0 200 400

Feet

WARD 1

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

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Date Saved: 6/26/2019 11:50:07 AM

Ward 2	Area (acr.)	%
Residential - multi-family	78.42	42.1%
Residential - single family	44.06	23.7%
Right-of-way	42.08	22.6%
Tax exempt	15.51	8.3%
Commercial	2.80	1.5%
Mixed use, primarily residential	2.27	1.2%
Open land	1.02	0.5%
Mixed use, primarily commercial	0.13	0.1%

Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- Housing Authority
- Nursing Home/Longterm Care
- Library
- School
- Acute Care Hospital
- Community Health Center
- MBTA Bus Route

Land Use (2016)

- Commercial
- Mixed use, primarily commercial
- Mixed use, primarily residential
- Open land
- Residential - single family
- Residential - multi-family
- Tax exempt
- Right-of-way
- Unknown

0 225 450
Feet
1 inch = 450 feet
N

WARD 2

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

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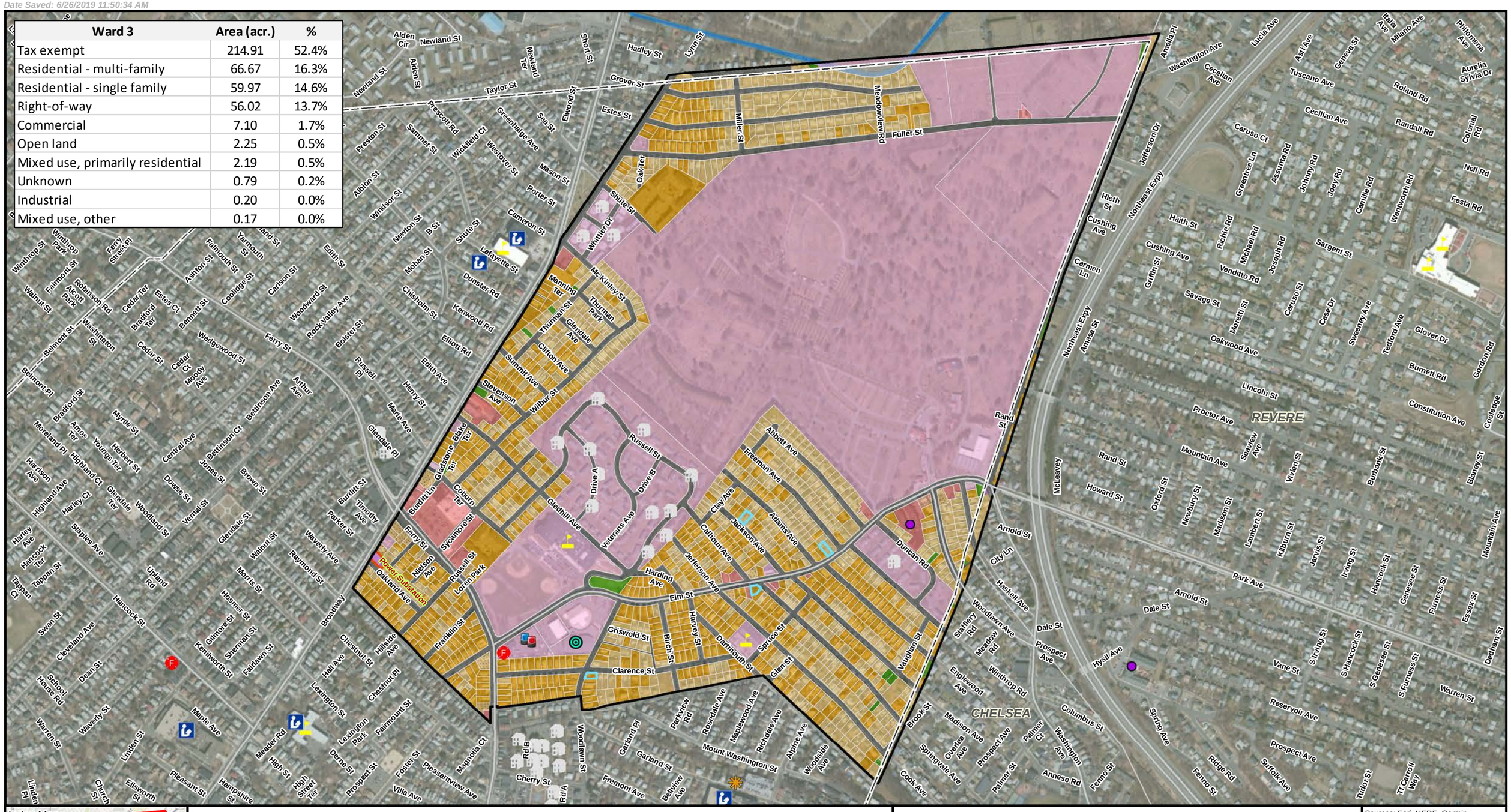
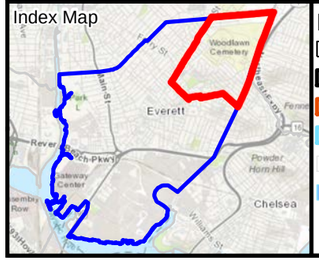
Date Saved: 6/26/2019 11:50:34 AM

Ward 3	Area (acr.)	%
Tax exempt	214.91	52.4%
Residential - multi-family	66.67	16.3%
Residential - single family	59.97	14.6%
Right-of-way	56.02	13.7%
Commercial	7.10	1.7%
Open land	2.25	0.5%
Mixed use, primarily residential	2.19	0.5%
Unknown	0.79	0.2%
Industrial	0.20	0.0%
Mixed use, other	0.17	0.0%



Index Map



Legend

- Everett Boundary
- Ward Boundary
- Utility Parcels
- Childcare/Daycare Centers
- Parcel Boundaries
- MADEP Waterbody
- Fire Station
- Housing Authority
- Police Station
- Nursing Home/Longterm Care
- School
- Ice Rink
- MBTA Bus Route

Land Use (2016)

- Commercial
- Industrial
- Mixed use, primarily residential
- Mixed use, other
- Open land
- Residential - single family
- Residential - multi-family
- Tax exempt
- Right-of-way
- Unknown

0 325 650
Feet
1 inch = 650 feet
N

WARD 3

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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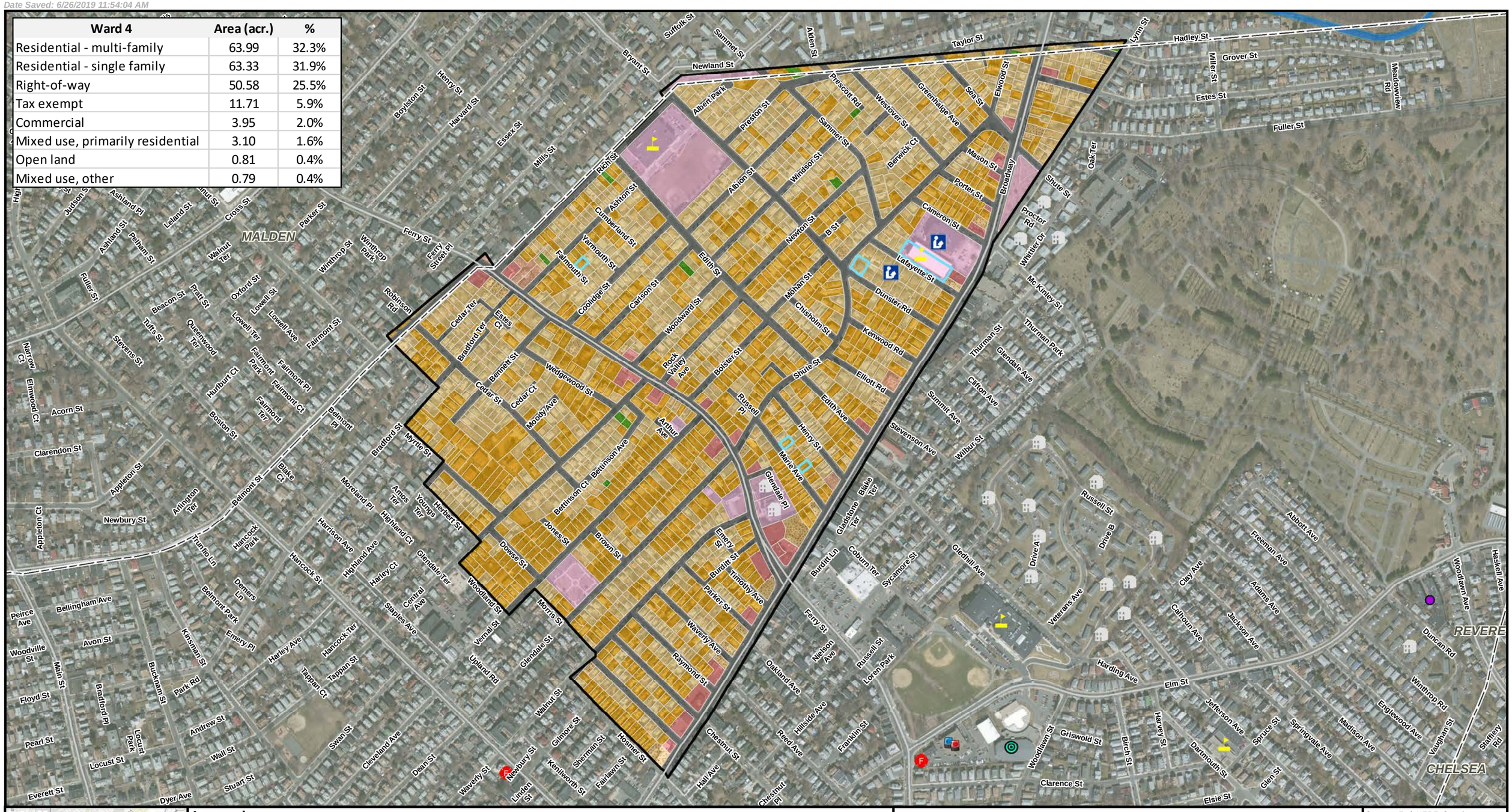
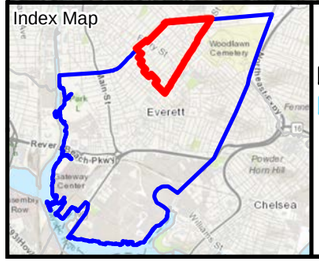
Date Saved: 6/26/2019 11:54:04 AM

Ward 4	Area (acr.)	%
Residential - multi-family	63.99	32.3%
Residential - single family	63.33	31.9%
Right-of-way	50.58	25.5%
Tax exempt	11.71	5.9%
Commercial	3.95	2.0%
Mixed use, primarily residential	3.10	1.6%
Open land	0.81	0.4%
Mixed use, other	0.79	0.4%



Index Map



Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- MADEP Waterbody
- Housing Authority
- Library
- School
- MBTA Bus Route

Land Use (2016)

- Commercial
- Mixed use, primarily residential
- Mixed use, other
- Open land
- Residential - single family
- Residential - multi-family
- Tax exempt
- Right-of-way
- Unknown

N

1 inch = 520 feet

0 260 520

Feet

WARD 4

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

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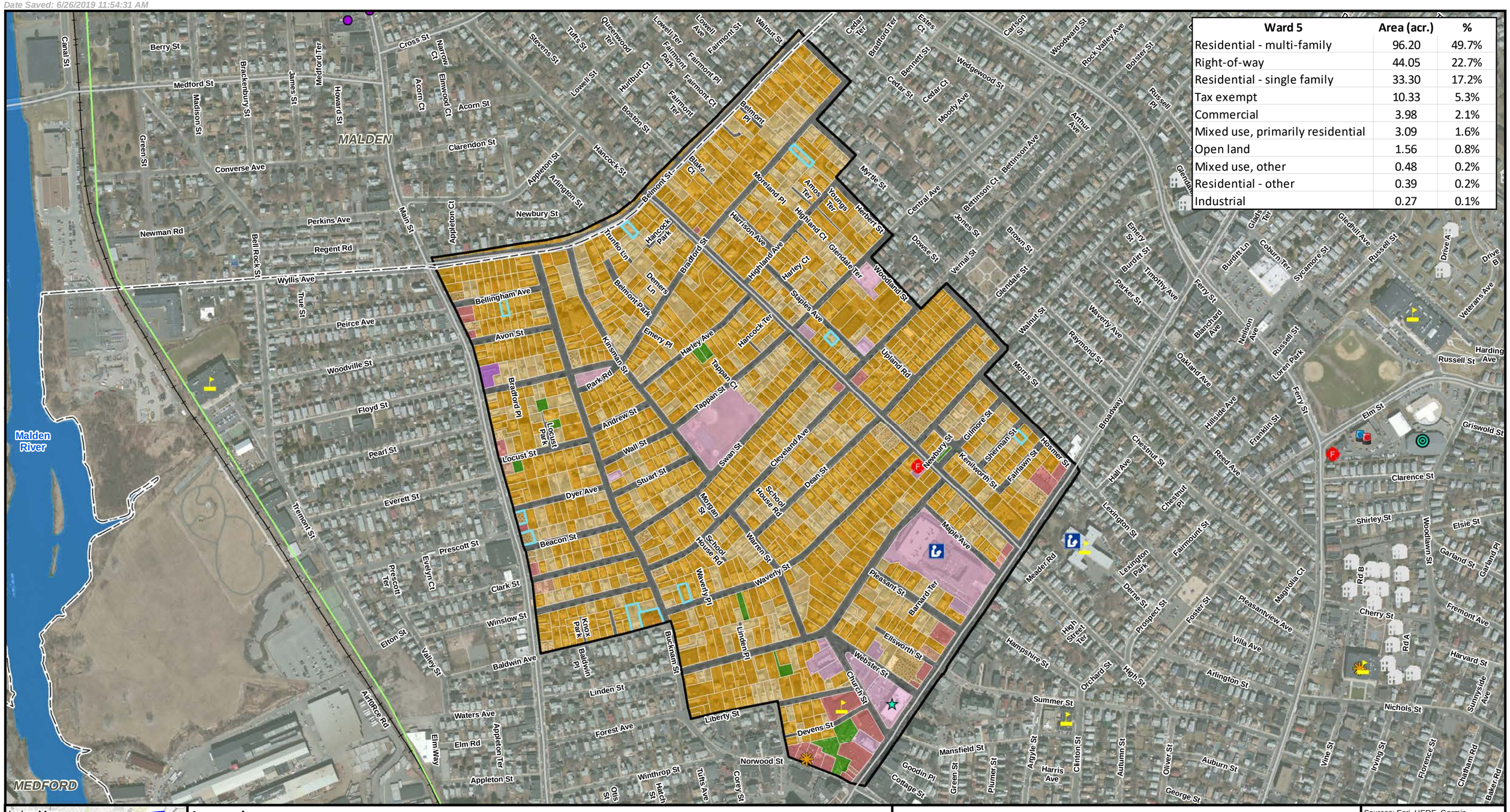
Date Saved: 6/26/2019 11:54:31 AM

Ward 5	Area (acr.)	%
Residential - multi-family	96.20	49.7%
Right-of-way	44.05	22.7%
Residential - single family	33.30	17.2%
Tax exempt	10.33	5.3%
Commercial	3.98	2.1%
Mixed use, primarily residential	3.09	1.6%
Open land	1.56	0.8%
Mixed use, other	0.48	0.2%
Residential - other	0.39	0.2%
Industrial	0.27	0.1%



WARD 5

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

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Ward 6	Area (acr.)	%
Residential - multi-family	78.66	44.7%
Right-of-way	42.78	24.3%
Residential - single family	26.85	15.3%
Tax exempt	10.70	6.1%
Commercial	7.44	4.2%
Open land	3.60	2.0%
Mixed use, primarily residential	2.92	1.7%
Industrial	2.32	1.3%
Mixed use, other	0.41	0.2%
Unknown	0.12	0.1%

Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- MADEP Waterbody
- Fire Station
- Library
- School
- Community Health Center
- DCR Biketrail
- MBTA Bus Route
- Rail Line

Land Use (2016)

- Commercial
- Industrial
- Mixed use, primarily residential
- Mixed use, other
- Open land
- Residential - single family
- Residential - multi-family
- Residential - other
- Tax exempt
- Right-of-way
- Unknown

0 280 560 Feet

1 inch = 560 feet

N

WARD 6

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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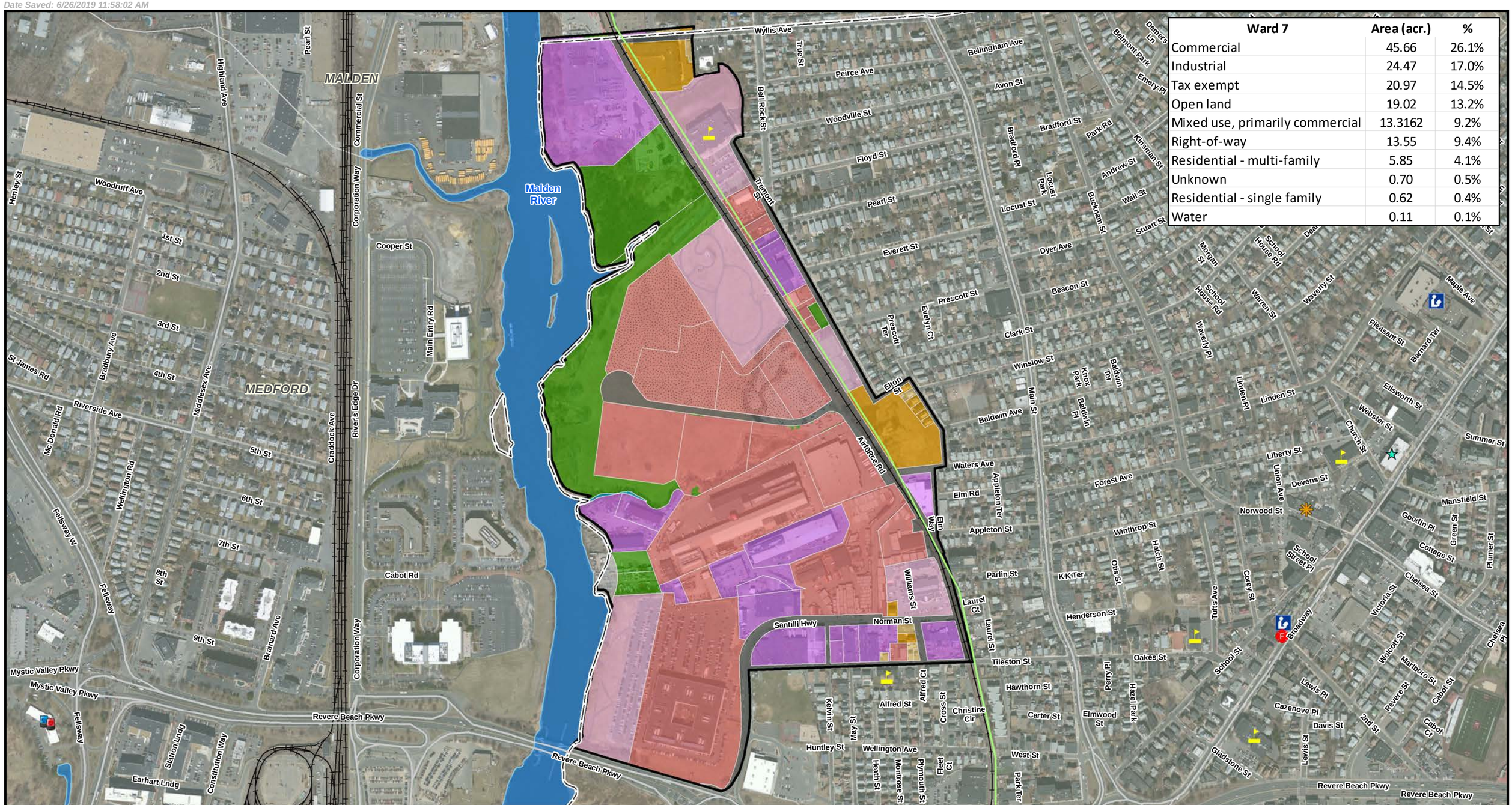
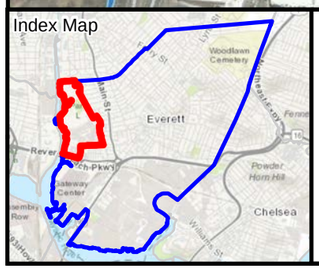
Date Saved: 6/26/2019 11:58:02 AM

Ward 7	Area (acr.)	%
Commercial	45.66	26.1%
Industrial	24.47	17.0%
Tax exempt	20.97	14.5%
Open land	19.02	13.2%
Mixed use, primarily commercial	13.3162	9.2%
Right-of-way	13.55	9.4%
Residential - multi-family	5.85	4.1%
Unknown	0.70	0.5%
Residential - single family	0.62	0.4%
Water	0.11	0.1%





Legend

- Everett Boundary
- Ward Boundary
- Parcel Boundaries
- MADEP Waterbody
- School
- DCR Biketrail
- Rail Line

Land Use (2016)

- Commercial
- Industrial
- Mixed use, primarily commercial
- Open land
- Residential - single family
- Residential - multi-family
- Tax exempt
- Right-of-way
- Unknown
- Water

N

1 inch = 520 feet

0 260 520

Feet

WARD 7

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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Ward 8	Area (acr.)	%
Commercial	128.30	60.7%
Right-of-way	50.70	24.0%
Tax exempt	19.79	9.4%
Residential - multi-family	5.78	2.7%
Industrial	5.41	2.6%
Unknown	1.49	0.7%
Water	0.03	0.0%
Open land	0.01	0.0%

Index Map

Legend

- Everett Boundary
- Ward Boundary
- Parcel Boundaries
- MADEP Waterbody
- DCR Biketrail
- MBTA Bus Route
- Rail Line

Land Use (2016)

- Commercial
- Industrial
- Open land
- Residential - multi-family
- Tax exempt
- Right-of-way
- Unknown
- Water

N

1 inch = 520 feet

0 260 520

Feet

WARD 8

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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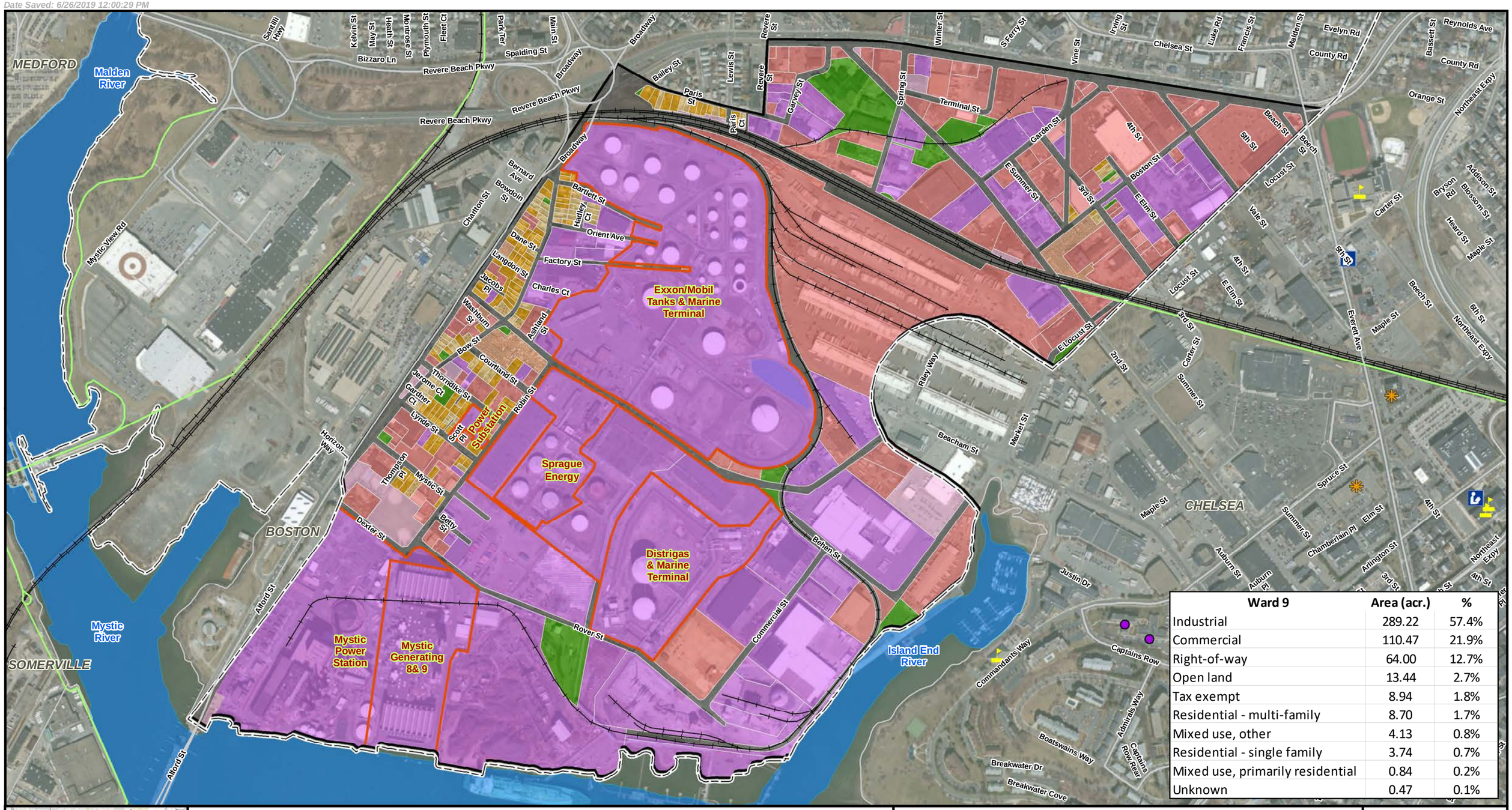
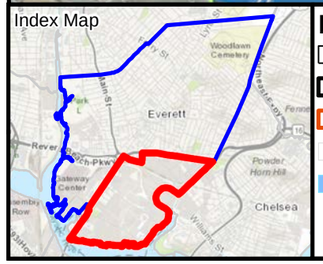


Ward 9	Area (acr.)	%
Industrial	289.22	57.4%
Commercial	110.47	21.9%
Right-of-way	64.00	12.7%
Open land	13.44	2.7%
Tax exempt	8.94	1.8%
Residential - multi-family	8.70	1.7%
Mixed use, other	4.13	0.8%
Residential - single family	3.74	0.7%
Mixed use, primarily residential	0.84	0.2%
Unknown	0.47	0.1%



Legend

- Everett Boundary
- Ward Boundary
- Utility Parcels
- Parcel Boundaries
- MADEP Waterbody
- DCR Biketrail
- MBTA Bus Route
- Rail Line

Land Use (2016)

- Commercial
- Industrial
- Mixed use, primarily residential
- Mixed use, other
- Open land
- Residential - single family
- Residential - multi-family
- Tax exempt
- Right-of-way
- Unknown

N

1 inch = 650 feet

0 325 650

Feet

WARD 9

Land Use (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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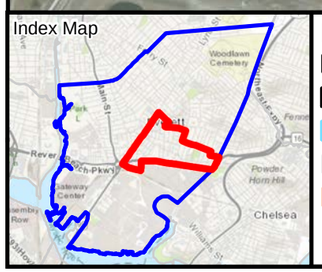
IMPERVIOUS COVER MAPS

File Location: \\bscbos\wor\GIS-WOR\GISPrj\2334600\Output\Maps\MXD\ReportMaps\ImperviousSurfaceWards\EverettMVP_ImperviousSurfaceWard1_20190624.mxd
Date Saved: 6/26/2019 11:39:15 AM

Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
1	159.18	84.4%	12.90	6.8%	188.58

Index Map



Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- Impervious Surface
- Fire Station
- Housing Authority
- School
- MBTA Bus Route

N

1 inch = 400 feet

0 200 400

Feet

WARD 1

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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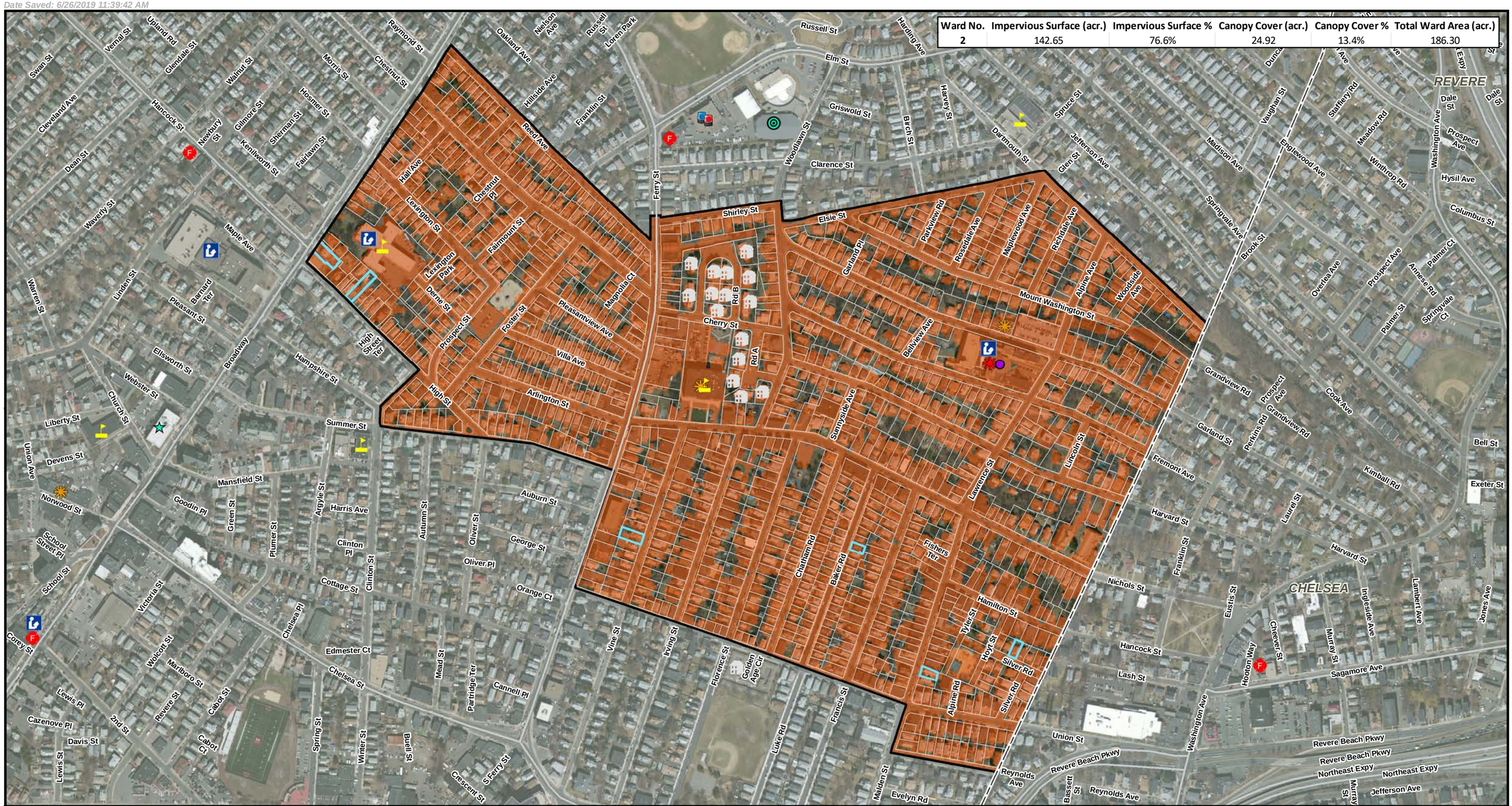
Date Saved: 6/26/2019 11:39:42 AM

Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
2	142.65	76.6%	24.92	13.4%	186.30



WARD 2

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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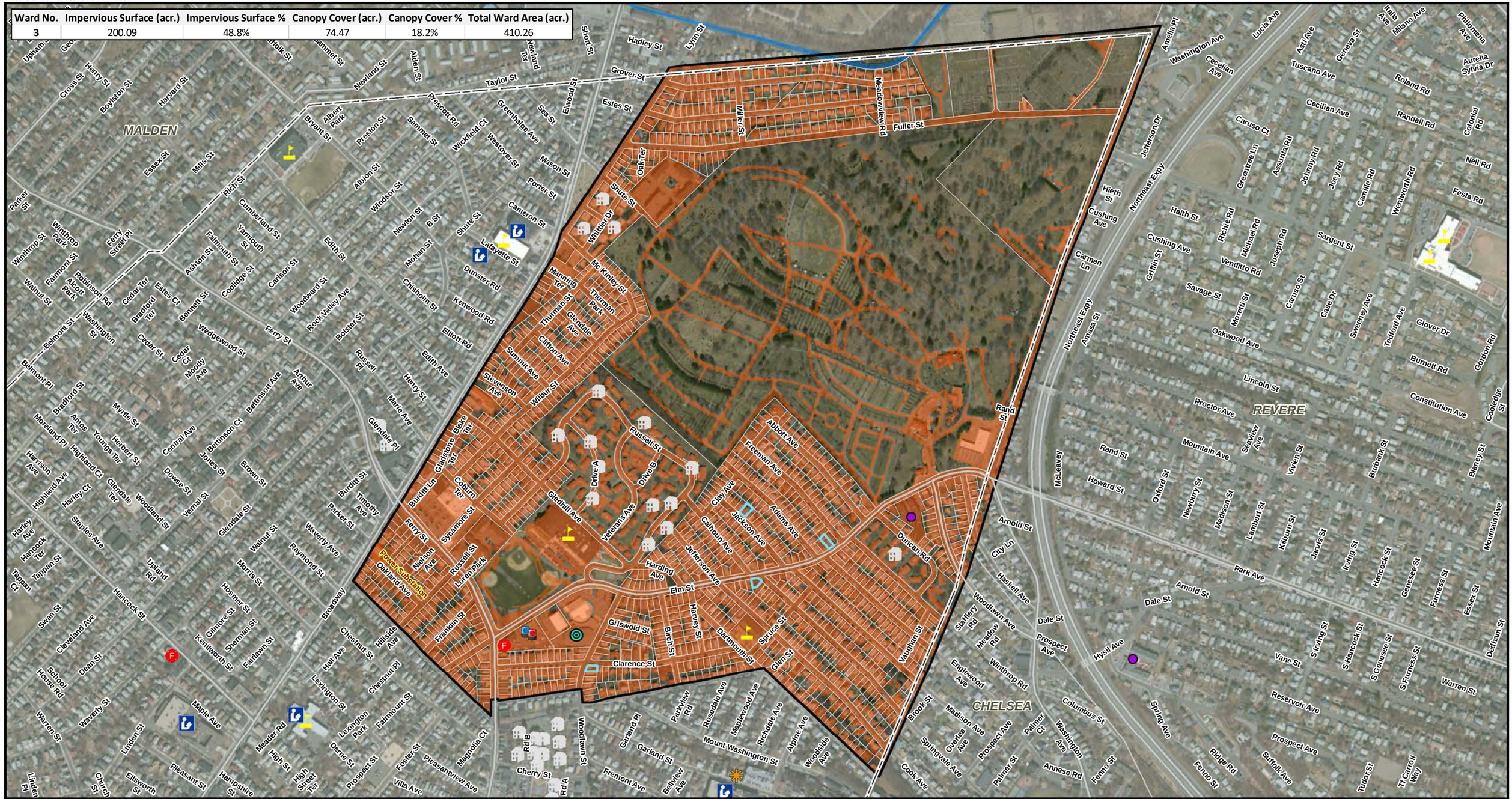
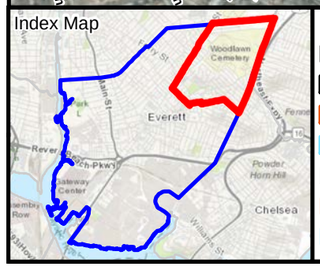
Date Saved: 6/26/2019 11:40:01 AM

Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
3	200.09	48.8%	74.47	18.2%	410.26



Index Map



Legend

- Everett Boundary
- Ward Boundary
- Utility Parcels
- Childcare/Daycare Centers
- Parcel Boundaries
- Impervious Surface
- MADEP Waterbody
- Fire Station
- Housing Authority
- Police Station
- Nursing Home/Longterm Care
- School
- Ice Rink
- MBTA Bus Route

N

1 inch = 650 feet

0 325 650

Feet

WARD 3

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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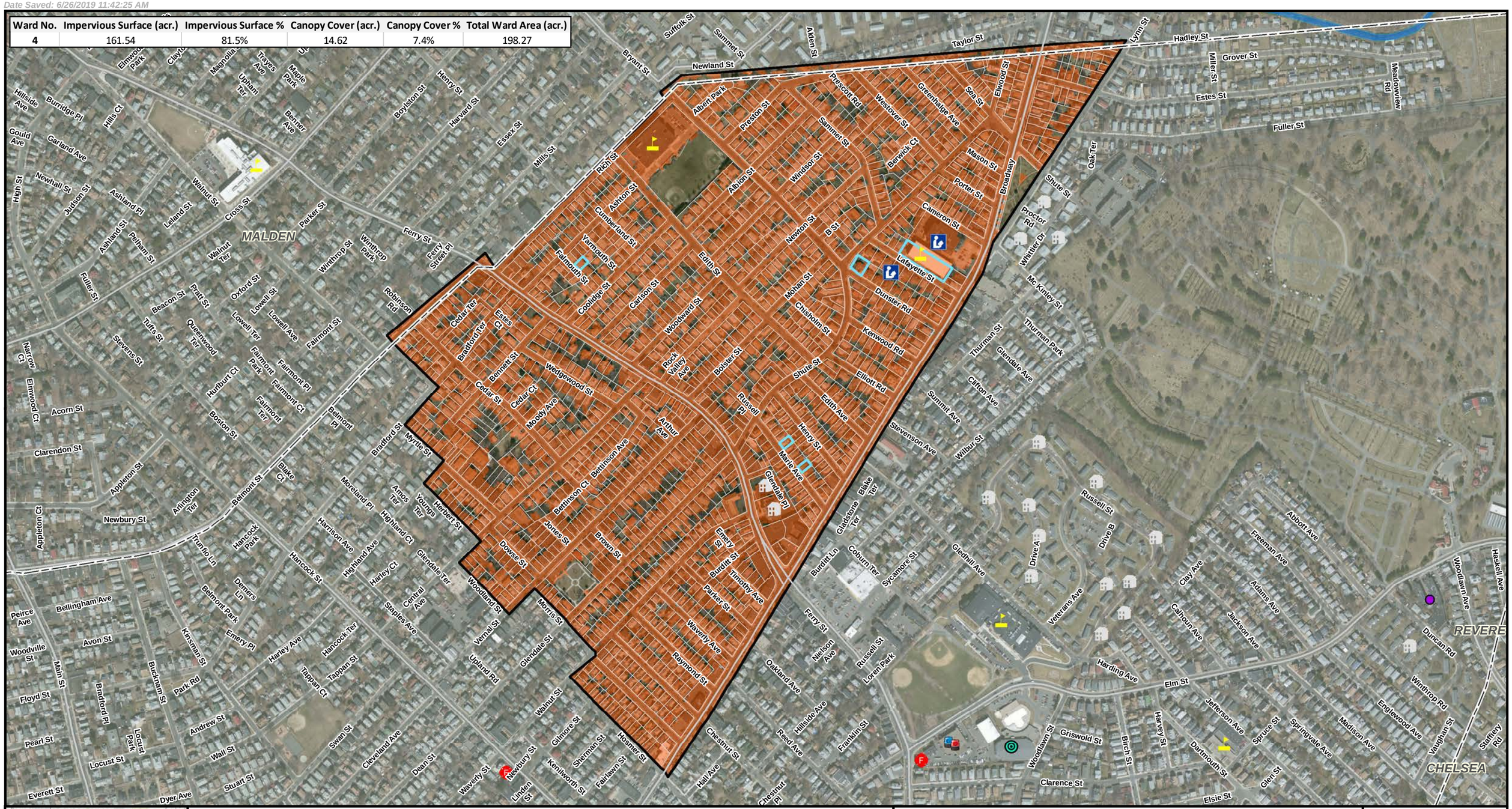
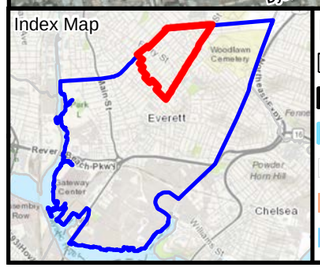
Date Saved: 6/26/2019 11:42:25 AM

Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
4	161.54	81.5%	14.62	7.4%	198.27



Index Map



Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- Impervious Surface
- MADEP Waterbody
- Housing Authority
- Library
- School
- MBTA Bus Route

N

1 inch = 520 feet

0 260 520

Feet

WARD 4

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

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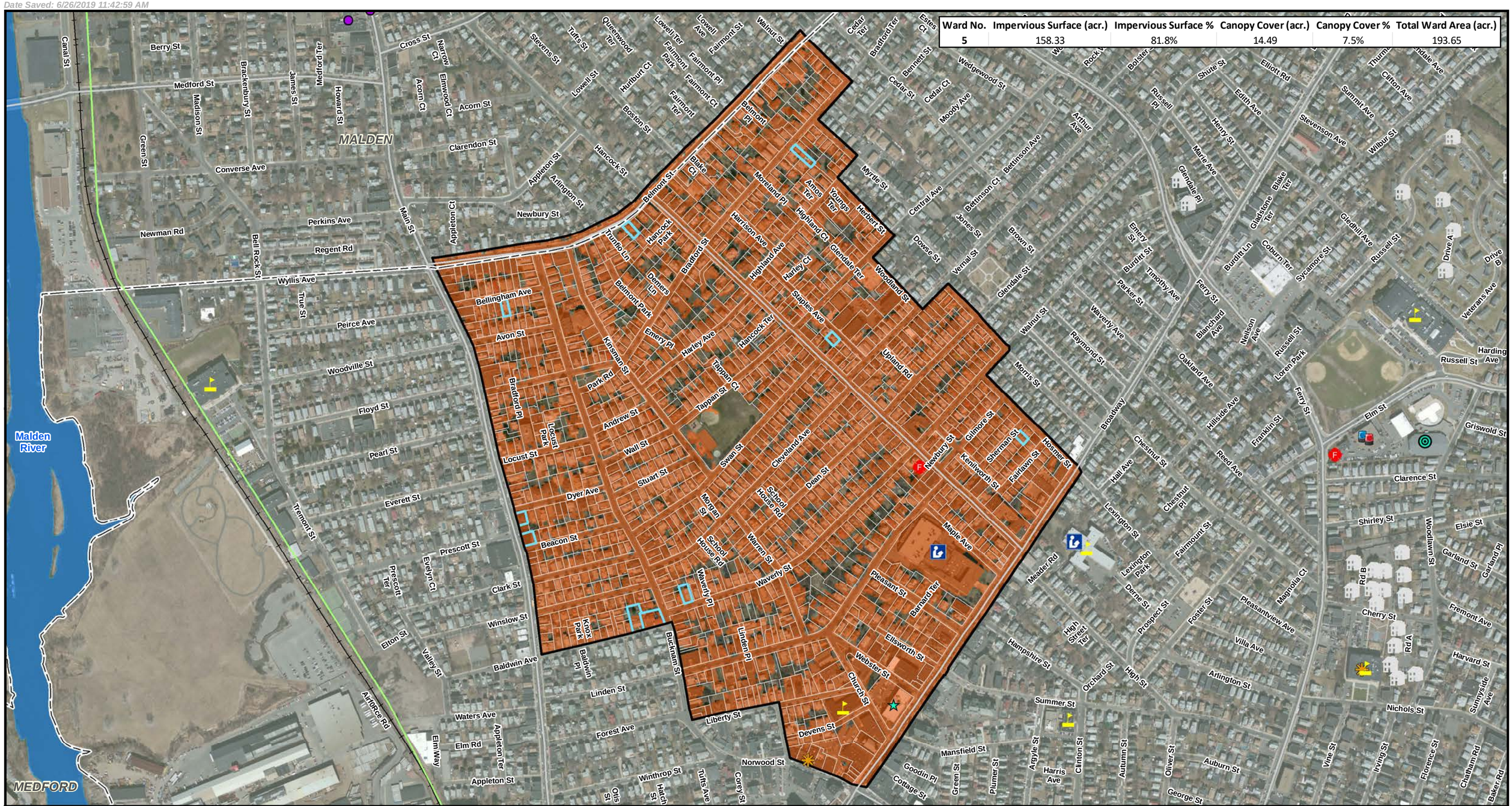
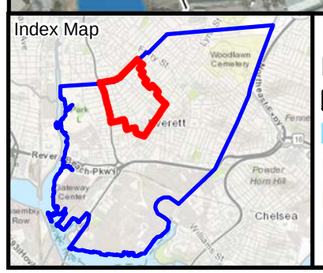
Date Saved: 6/26/2019 11:42:59 AM

Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
5	158.33	81.8%	14.49	7.5%	193.65





Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- Impervious Surface
- MADEP Waterbody
- Fire Station
- Library
- Everett City Hall
- School
- Community Health Center
- DCR Biketrail
- MBTA Bus Route
- Rail Line

N

1 inch = 520 feet

0 260 520

Feet

WARD 5

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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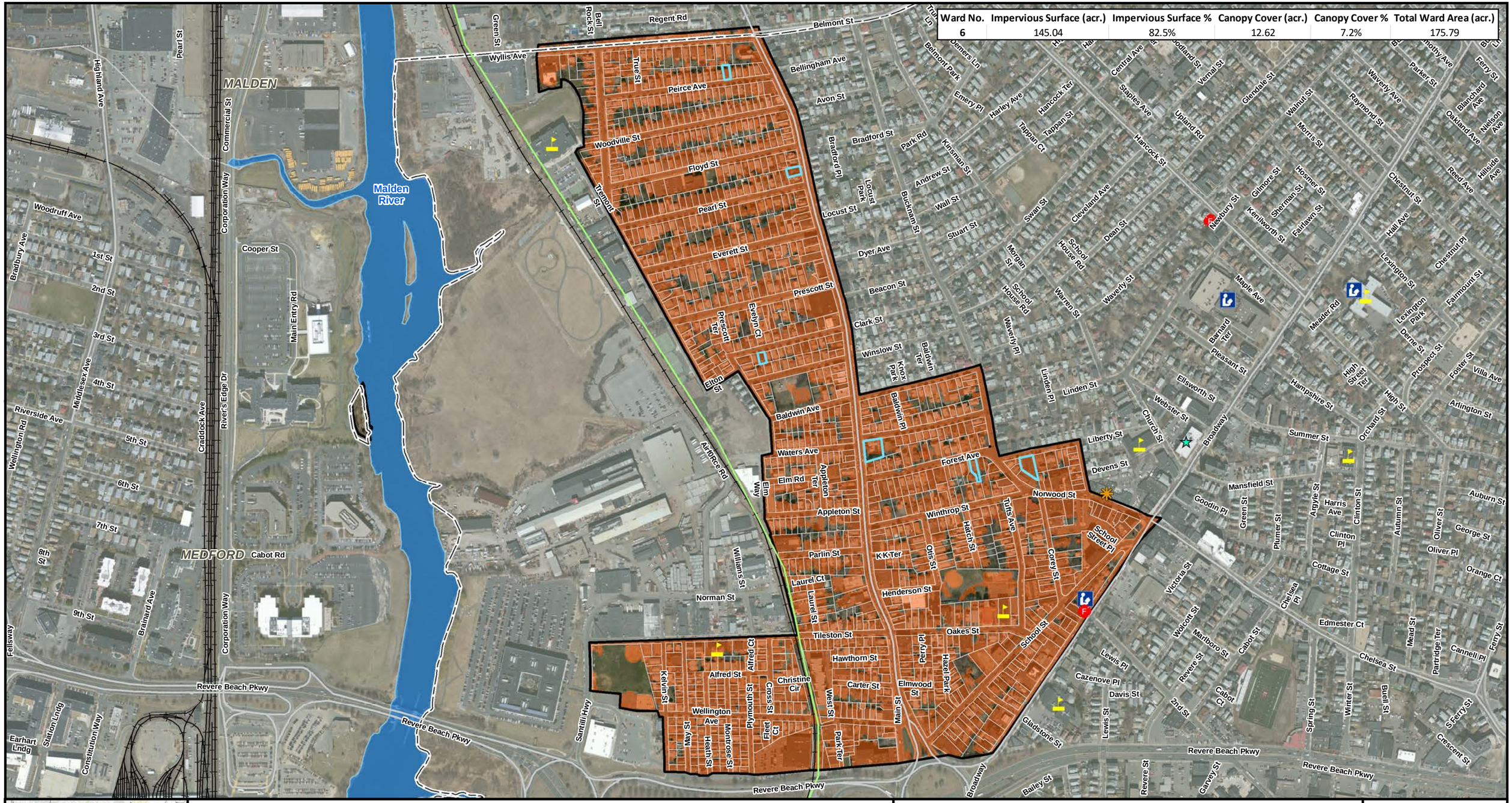
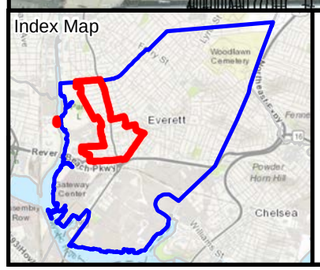
Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
6	145.04	82.5%	12.62	7.2%	175.79



Index Map



Legend

- Everett Boundary
- Ward Boundary
- Childcare/Daycare Centers
- Parcel Boundaries
- Impervious Surface
- MADEP Waterbody
- Fire Station
- Library
- School
- Community Health Center
- DCR Biketrail
- MBTA Bus Route
- Rail Line

N

1 inch = 560 feet

0 280 560

Feet

WARD 6

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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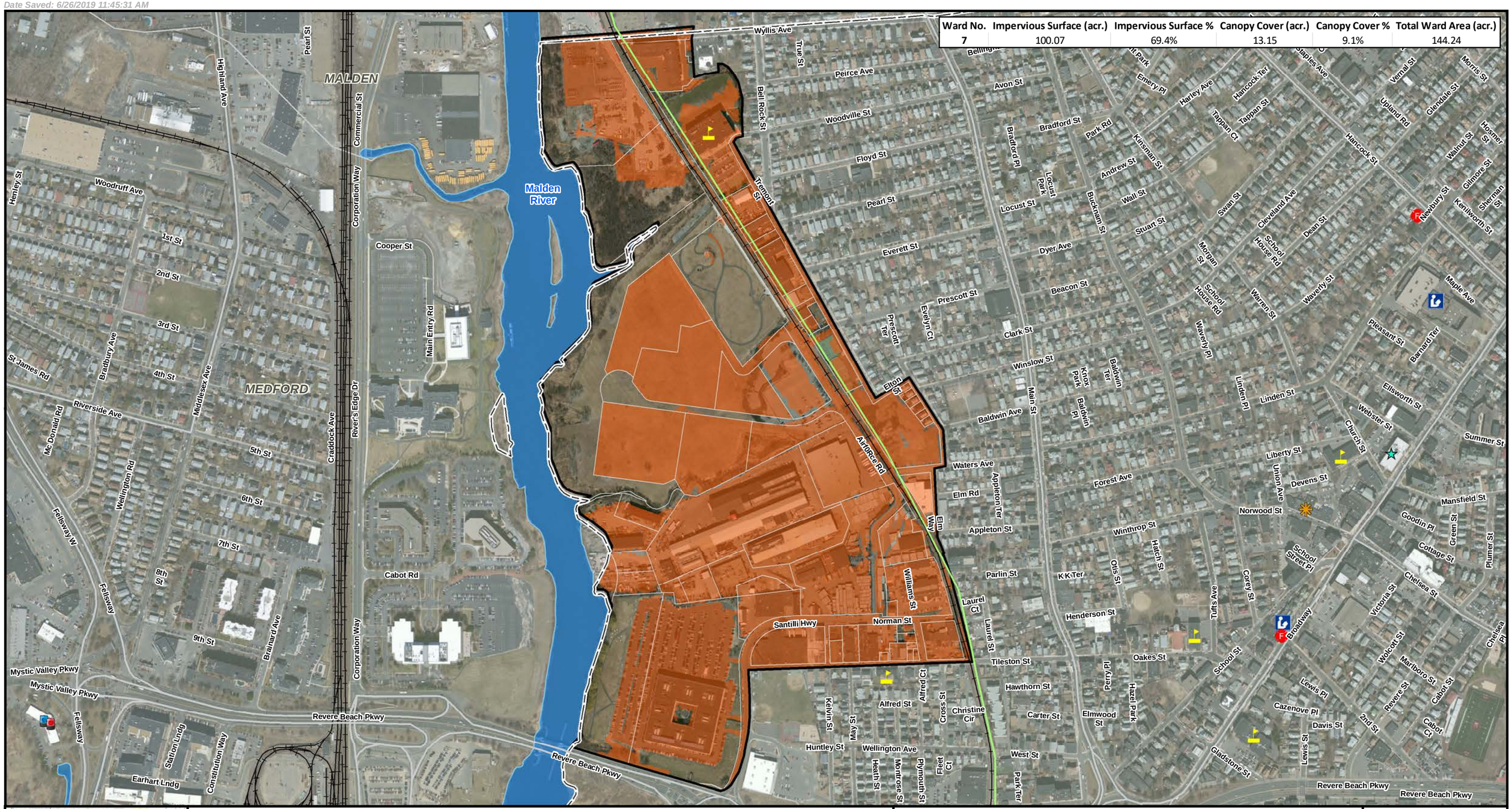
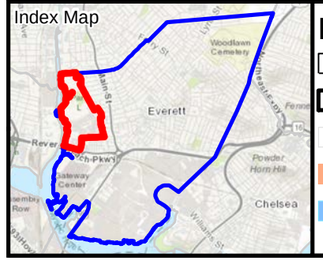
Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
7	100.07	69.4%	13.15	9.1%	144.24





Legend

- Everett Boundary
- Ward Boundary
- Parcel Boundaries
- Impervious Surface
- MADEP Waterbody
- School
- DCR Biketrail
- Rail Line

N

1 inch = 520 feet

0 260 520

Feet

WARD 7

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

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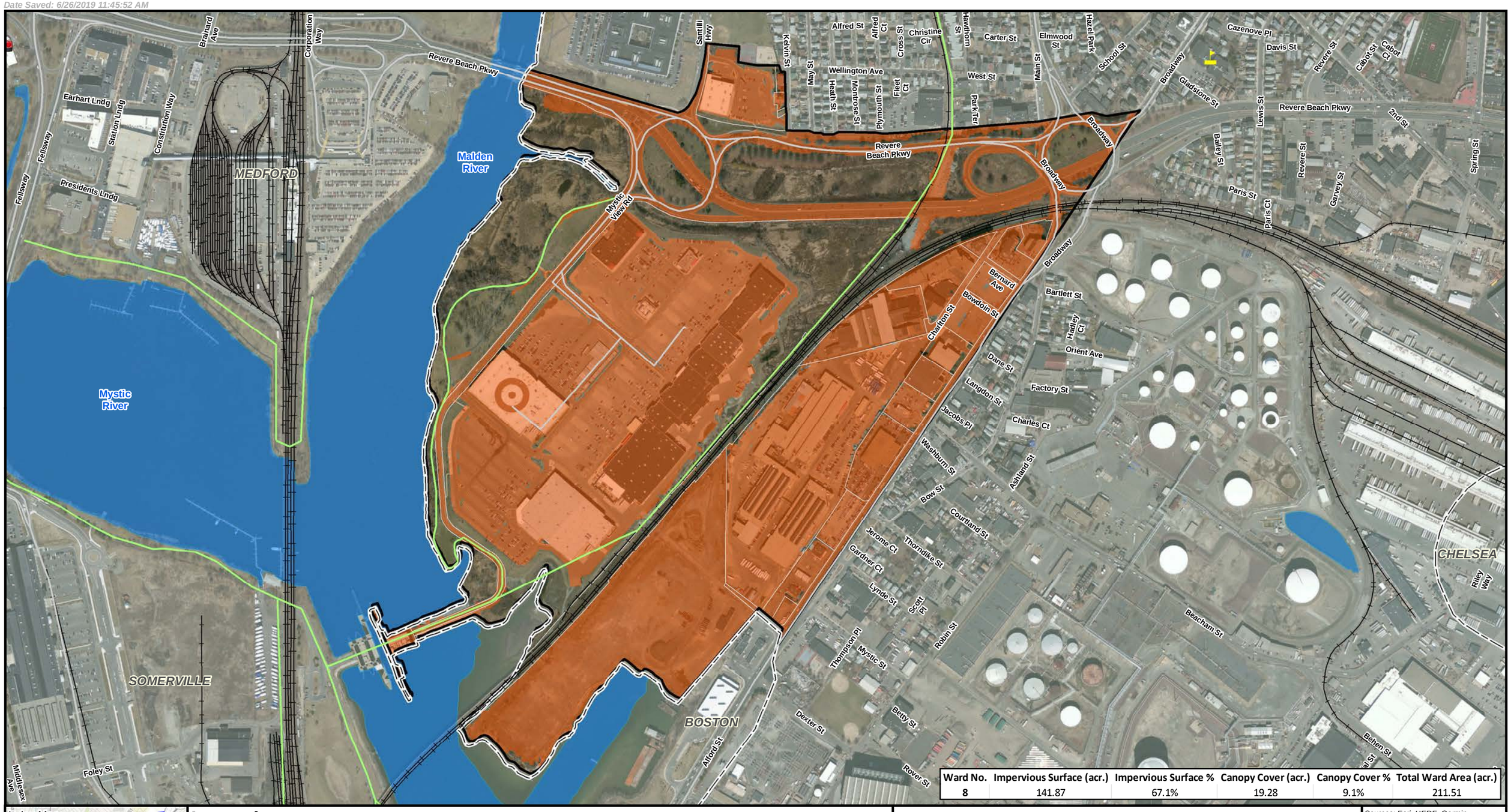
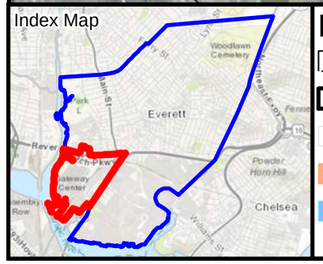


Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
8	141.87	67.1%	19.28	9.1%	211.51



Legend

- Everett Boundary
- Ward Boundary
- Parcel Boundaries
- Impervious Surface
- MADEP Waterbody
- DCR Biketrail
- MBTA Bus Route
- Rail Line

N

1 inch = 520 feet

0 260 520

Feet

WARD 8

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus

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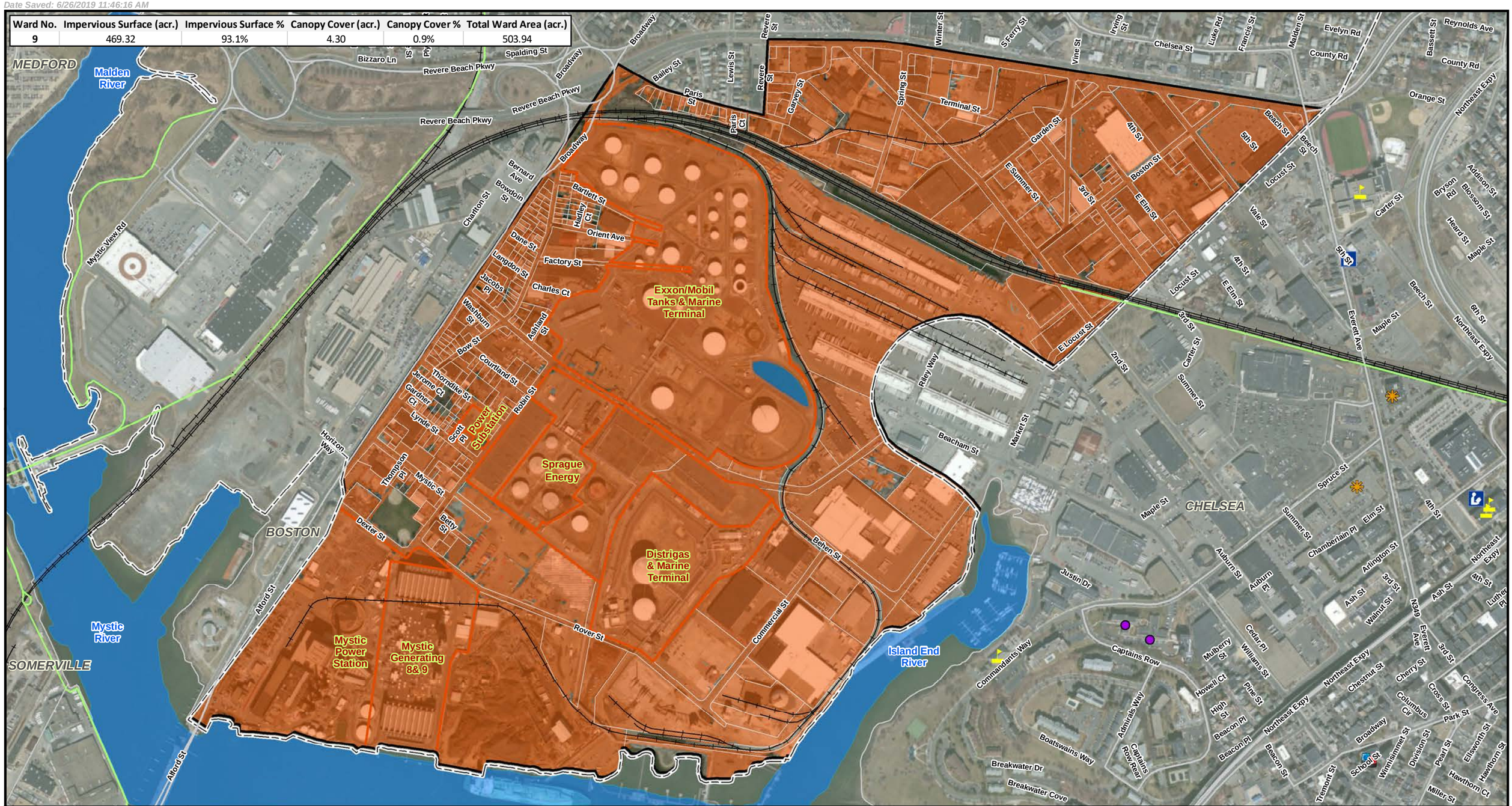
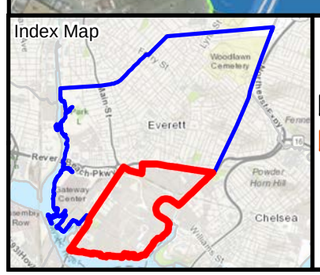
Date Saved: 6/26/2019 11:46:16 AM

Ward No.	Impervious Surface (acr.)	Impervious Surface %	Canopy Cover (acr.)	Canopy Cover %	Total Ward Area (acr.)
9	469.32	93.1%	4.30	0.9%	503.94





Legend

- Everett Boundary
- Ward Boundary
- Utility Parcels
- Parcel Boundaries
- Impervious Surface
- MADEP Waterbody
- DCR Biketrail
- MBTA Bus Route
- Rail Line

N

1 inch = 650 feet

0 325 650

Feet

WARD 9

Impervious Cover (2016) Map

Everett, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community
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THIS DOCUMENT IS INTENDED FOR GENERAL PLANNING & INFORMATION PURPOSES ONLY. ALL MEASUREMENTS & LOCATIONS ARE APPROXIMATE.

BOSTON HARBOR BASIN CLIMATE PROJECTIONS

BOSTON HARBOR BASIN

MUNICIPALITIES WITHIN BOSTON HARBOR BASIN:

Abington, Arlington, Avon, Belmont, Boston, Braintree, Brockton, Burlington, Cambridge, Canton, Chelsea, Cohasset, Dedham, Dover, Everett, Foxborough, Hingham, Holbrook, Hull, Lexington, Malden, Melrose, Medfield, Medford, Milton, Norwell, Norwood, Quincy, Randolph, Reading, Revere, Rockland, Sharon, Somerville, Stoneham, Stoughton, Wakefield, Walpole, Watertown, Westwood, Weymouth, Wilmington, Winchester, Winthrop, and Woburn

Many municipalities fall within more than one basin, so it is advised to use the climate projections for the basin that contains the majority of the land area of the municipality.

BOSTON HARBOR BASIN

Boston Harbor Basin		Observed Baseline 1971-2000 (°F)	Projected Change in 2030s (°F)	Mid-Century Projected Change in 2050s (°F)	Projected Change in 2070s (°F)	End of Century Projected Change in 2090s (°F)
Average Temperature	Annual	50.1	+2.1 to +4.0	+2.7 to +6.1	+3.2 to +8.9	+3.5 to +10.8
	Winter	29.8	+2.2 to +4.6	+2.9 to +6.9	+3.5 to +8.9	+3.9 to +10.3
	Spring	47.7	+1.7 to +3.4	+2.3 to +5.4	+2.6 to +8.0	+3.1 to +9.8
	Summer	70.1	+1.8 to +4.0	+2.3 to +6.5	+2.8 to +9.8	+3.4 to +12.1
	Fall	52.6	+2.0 to +4.7	+3.5 to +6.5	+3.3 to +9.3	+3.8 to +11.6
Maximum Temperature	Annual	59.6	+1.9 to +3.9	+2.6 to +6.0	+2.9 to +8.9	+3.2 to +10.7
	Winter	38.4	+1.9 to +4.3	+2.5 to +6.4	+3.0 to +8.3	+3.4 to +9.6
	Spring	57.5	+1.5 to +3.4	+2.0 to +5.4	+2.6 to +8.2	+3.1 to +9.7
	Summer	80.0	+1.7 to +4.0	+2.2 to +6.4	+2.7 to +9.9	+3.2 to +12.2
	Fall	61.9	+2.1 to +4.5	+3.3 to +6.7	+3.2 to +9.4	+3.6 to +11.8
Minimum Temperature	Annual	40.7	+2.2 to +4.2	+2.9 to +6.2	+3.5 to +8.9	+3.8 to +11.0
	Winter	21.3	+2.5 to +5.0	+3.2 to +7.3	+4.0 to +9.5	+4.3 to +10.9
	Spring	37.8	+1.8 to +3.5	+2.6 to +5.7	+2.6 to +7.8	+3.3 to +9.8
	Summer	60.1	+1.9 to +3.9	+2.4 to +6.8	+2.9 to +9.6	+3.6 to +12.0
	Fall	43.2	+2.0 to +4.8	+3.5 to +6.5	+3.4 to +9.3	+3.9 to +11.4

- The Boston Harbor basin is expected to experience increased average temperatures throughout the 21st century. Maximum and minimum temperatures are also expected to increase throughout the end of the century. These increased temperature trends are expected for annual and seasonal projections.
- Seasonally, maximum summer and fall temperatures are expected to see the highest projected increase throughout the 21st century.
    - Summer mid-century increase of 2.2 °F to 6.4 °F (3-8% increase); end of century increase of 3.2 °F to 12.2 °F (4-15% increase).
    - Fall mid-century increase of 3.3 °F to 6.7°F (5-11% increase); end of century increase by and 3.6 °F to 11.8 °F (6-19% increase).
- Seasonally, minimum winter and fall temperatures are expected to increase throughout the 21st century.
    - Winter mid-century increase of 3.2 °F to 7.3 °F (15-34% increase); end of century increase by 4.3 °F to 10.9 °F (20-51% increase).
    - Fall mid-century of 3.5 °F to 6.5 °F (8-15% increase); end of century increase of 3.9 °F to 11.4 °F (9-26% increase).

BOSTON HARBOR BASIN

Boston Harbor Basin		Observed Baseline 1971-2000 (Days)	Projected Change in 2030s (Days)	Mid-Century Projected Change in 2050s (Days)	Projected Change in 2070s (Days)	End of Century Projected Change in 2090s (Days)
Days with Maximum Temperature Over 90°F	Annual	8	+6 to +16	+8 to +29	+9 to +49	+12 to +67
	Winter	0	+0 to +0	+0 to +0	+0 to +0	+0 to +0
	Spring	1	+<1[29] to +1	+<1[29] to +1	+<1[29] to +2	+<1[29] to +4
	Summer	7	+5 to +13	+6 to +24	+8 to +40	+10 to +52
	Fall	<1[29]	+1 to +2	+1 to +5	+1 to +8	+1 to +11
Days with Maximum Temperature Over 95°F	Annual	1	+2 to +7	+2 to +13	+3 to +26	+5 to +41
	Winter	0	+0 to +0	+0 to +0	+0 to +0	+0 to +0
	Spring	<1[29]	+<1[29] to +<1[29]	+<1[29] to +<1[29]	+0 to +1	+<1[29] to +2
	Summer	1	+2 to +6	+2 to +11	+3 to +23	+4 to +36
	Fall	<1[29]	+<1[29] to +1	+<1[29] to +2	+<1[29] to +4	+<1[29] to +5
Days with Maximum Temperature Over 100°F	Annual	<1[29]	+<1[29] to +1	+<1[29] to +4	+<1[29] to +9	+1 to +16
	Winter	0	+0 to +0	+0 to +0	+0 to +0	+0 to +0
	Spring	0	+0 to +<1[29]	+0 to +<1[29]	+0 to +<1[29]	+0 to +<1[29]
	Summer	<1[29]	+<1[29] to +1	+<1[29] to +4	+<1[29] to +8	+1 to +14
	Fall	0	+0 to +<1[29]	+0 to +<1[29]	+0 to +1	+<1[29] to +1

- Due to projected increases in average and maximum temperatures throughout the end of the century, the Boston Harbor basin is also expected to experience an increase in days with daily maximum temperatures over 90 °F, 95 °F, and 100 °F.
    - Annually, the Boston Harbor basin is expected to see days with daily maximum temperatures over 90 °F increase by 8 to 29 more days by mid-century, and 12 to 67 more days by the end of the century.
    - Seasonally, summer is expected to see an increase of 6 to 24 more days with daily maximums over 90 °F by mid-century.
    - By end of century, the Boston Harbor basin is expected to have 10 to 52 more days.

[29] Over the observed period, there were some years with at least 1 day with seasonal Tmax over a certain threshold while in all the other years that threshold wasn't crossed seasonally at all.

BOSTON HARBOR BASIN

Boston Harbor Basin		Observed Baseline 1971-2000 (Days)	Projected Change in 2030s (Days)	Mid-Century Projected Change in 2050s (Days)	Projected Change in 2070s (Days)	End of Century Projected Change in 2090s (Days)
Days with Minimum Temperature Below 0°F	Annual	3	-1 to -2	-1 to -2	-1 to -2	-1 to -2
	Winter	3	-1 to -2	-1 to -2	-1 to -2	-1 to -2
	Spring	<1[30]	-0 to +<1[30]	-0 to -0	-0 to -0	-0 to -0
	Summer	0	-0 to -0	-0 to -0	-0 to -0	-0 to -0
	Fall	0	-0 to -0	-0 to -0	-0 to -0	-0 to -0
Days with Minimum Temperature Below 32°F	Annual	119	-12 to -27	-17 to -42	-21 to -55	-23 to -66
	Winter	76	-4 to -10	-5 to -17	-8 to -26	-9 to -34
	Spring	27	-3 to -10	-6 to -14	-7 to -18	-8 to -20
	Summer	0	-0 to -0	-0 to -0	-0 to -0	-0 to -0
	Fall	16	-4 to -8	-6 to -10	-7 to -13	-6 to -14

- Due to projected increases in average and minimum temperatures throughout the end of the century, the Boston Harbor basin is expected to experience a decrease in days with daily minimum temperatures below 32 °F and 0 °F.
- Seasonally, winter, spring and fall are expected to see the largest decreases in days with daily minimum temperatures below 32 °F.
    - Winter is expected to have 5 to 17 fewer days by mid-century, and 9 to 34 fewer by end of century.
    - Spring is expected to have 6 to 14 fewer days by mid-century, and 8 to 20 fewer by end of century.
    - Fall is expected to have 6 to 10 fewer days by mid-century, and 6 to 14 fewer days by end of century.

[30] Over the observed period, there were some years with at least 1 day with seasonal Tmin under a certain threshold while in all the other years that threshold wasn't crossed seasonally at all.

BOSTON HARBOR BASIN

Boston Harbor Basin		Observed Baseline 1971-2000 (Degree-Days)	Projected Change in 2030s (Degree-Days)	Mid-Century Projected Change in 2050s (Degree-Days)	Projected Change in 2070s (Degree-Days)	End of Century Projected Change in 2090s (Degree-Days)
Heating Degree-Days (Base 65°F)	Annual	6079	-501 to -1035	-672 to -1473	-798 to -1956	-899 to -2343
	Winter	3182	-191 to -421	-251 to -634	-312 to -806	-359 to -949
	Spring	1623	-132 to -285	-190 to -447	-216 to -630	-278 to -742
	Summer	78	-29 to -49	-34 to -62	-40 to -72	-44 to -75
	Fall	1191	-143 to -331	-248 to -418	-232 to -591	-254 to -669
Cooling Degree-Days (Base 65°F)	Annual	636	+217 to +443	+281 to +764	+327 to +1206	+381 to +1559
	Winter	0	+0. to +4	+0 to +5	-1 to +3	+0 to +5
	Spring	27	+13 to +33	+23 to +64	+26 to +103	+24 to +143
	Summer	544	+136 to +321	+175 to +541	+213 to +828	+261 to +1041
	Fall	60	+37 to +102	+57 to +191	+67 to +289	+94 to +376
Growing Degree-Days (Base 50°F)	Annual	2733	+393 to +798	+538 to +1251	+606 to +1996	+692 to +2508
	Winter	7	+1 to +17	+3 to +20	+7 to +37	+7 to +47
	Spring	327	+77 to +152	+101 to +262	+106 to +408	+122 to +527
	Summer	1847	+164 to +363	+215 to +600	+255 to +899	+312 to +1114
	Fall	547	+109 to +299	+198 to +441	+186 to +655	+236 to +818

- Due to projected increases in average, maximum, and minimum temperatures throughout the end of the century, the Boston Harbor basin is expected to experience a decrease in heating degree-days, and increases in both cooling degree-days and growing degree-days.
- Seasonally, winter historically exhibits the highest number of heating degree-days and is expected to see the largest decrease of any season, but spring and fall are also expected to see significant change.
    - The winter season is expected to see a decrease of 251 to 634 degree-days by mid-century (a decrease of 8-20%), and a decrease of 359 to 949 degree-days by the end of century (a decrease of 11-30%).
    - The spring season is expected to decrease in heating degree-days by 12-28% (190-447 degree-days) by mid-century, and by 17-46% (278-742 degree-days) by the end of century.
    - The fall season is expected to decreases in heating degree-days by 21-35% (248-718 degree-days) by mid-century, and by and 21-56% (254-669 degree-days) by the end of century.
- Conversely, due to projected increasing temperatures, summer cooling degree-days are expected to increase by 32-99% (175-541 degree-days) by mid-century, and by 48-191% (261-1041 degree-days) by end of century.

- Seasonally, summer historically exhibits the highest number of growing degree-days and is expected to see the largest decrease of any season, but the shoulder seasons of spring and fall are also expected to see an increase in growing degree-days.
    - The summer season is projected to increase by 12-32% (215-600 degree-days) by mid-century, and by 17-60% (312-1114 degree-days) by end of century.
    - Spring is expected to increase by 31-80% (101-262 degree-days) by mid-century and 37-161% (122.-527 degree-days) by end of century.
    - Fall is expected to increase by 36-81% (198-441 degree-days) by mid-century and 43-149% (236-818 degree-days) by end of century.

BOSTON HARBOR BASIN

Boston Harbor Basin		Observed Baseline 1971-2000 (Days)	Projected Change in 2030s (Days)	Mid-Century Projected Change in 2050s (Days)	Projected Change in 2070s (Days)	End of Century Projected Change in 2090s (Days)
Days with Precipitation Over 1"	Annual	9	+<1[31] to +2	+1 to +3	+1 to +3	+1 to +4
	Winter	2	+0 to +1	+<1[31] to +1	+<1[31] to +2	+<1[31] to +2
	Spring	2	+0 to +1	+0 to +1	+<1[31] to +1	+<1[31] to +1
	Summer	2	+0 to +1	+0 to +1	+0 to +1	+0 to +1
	Fall	3	+0 to +1	+0 to +1	+0 to +1	+0 to +1
Days with Precipitation Over 2"	Annual	1	+<1[31] to +1	+<1[31] to +1	+<1[31] to +1	+<1[31] to +1
	Winter	<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]	+<1[31] to +<1[31]
	Spring	<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]	+<1[31] to +<1[31]
	Summer	<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]
	Fall	<1[31]	+0 to +<1[31]	+0 to +<1[31]	+<1[31] to +<1[31]	+0 to +<1[31]
Days with Precipitation Over 4"	Annual	<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]
	Winter	0	+0 to +0	+0 to +0	+0 to +0	+0 to +0
	Spring	0	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]
	Summer	<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]
	Fall	<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]	+0 to +<1[31]

- The projections for expected number of days receiving precipitation over one inch are variable for the Boston Harbor basin, fluctuating between loss and gain of days.
    - Seasonally, the winter season is generally expected to see the highest projected increase.
    - The winter season is expected to see an increase in days with precipitation over one inch of 0-1 days by mid-century, and by 0-2.days by the end of century.
    - The spring season is expected to see an increase in days with precipitation over one inch of 0-1 days) by mid-century, and by 0-1 days) by the end of century.

[31] Over the observed period, there were some years with at least 1 day with seasonal precipitation over a certain threshold while in all the other years that threshold wasn't crossed seasonally at all.

BOSTON HARBOR BASIN

Boston Harbor Basin		Observed Baseline 1971-2000 (Inches)	Projected Change in 2030s (Inches)	Mid-Century Projected Change in 2050s (Inches)	Projected Change in 2070s (Inches)	End of Century Projected Change in 2090s (Inches)
Total Precipitation	Annual	46.1	+0.0 to +4.7	+0.3 to +6.2	+1.2 to +7.7	+1.1 to +9.0
	Winter	11.8	-0.4 to +1.9	-0.0 to +2.4	+0.4 to +3.0	+0.4 to +4.1
	Spring	11.6	-0.1 to +2.2	+0.0 to +2.2	+0.1 to +2.7	+0.3 to +2.8
	Summer	10.5	-0.5 to +1.6	-0.4 to +1.9	-1.0 to +2.8	-1.7 to +2.2
	Fall	12.2	-0.9 to +1.2	-1.0 to +1.6	-1.7 to +2.1	-1.6 to +1.8

- Similar to projections for number of days receiving precipitation over a specified threshold, seasonal projections for total precipitation are also variable for the Boston Harbor basin.
    - The winter season is expected to experience the greatest change with an increase of 0-20% by mid-century, and 3-34% by end of century.
    - Projections for the summer and fall seasons are more variable, and could see either a drop or increase in total precipitation throughout the 21st century.
        - The summer season projections for the Boston Harbor basin could see a decrease of 0.4 to an increase of 1.9 inches by mid-century (decrease of 4% to increase of 18%), and a decrease of 1.7 to an increase of 2.2 inches by the end of the century (decrease of 16% to increase of 21%).
        - The fall season projections for the Boston Harbor basin could see a decrease of 1.0 to an increase of 1.6 inches by mid-century (decrease of 8% to increase of 13%), and a decrease of 1.6 to an increase of 1.8 inches by the end of the century (decrease of 13% to increase of 15%).

Boston Harbor Basin		Observed Baseline 1971-2000 (Days)	Projected Change in 2030s (Days)	Mid-Century Projected Change in 2050s (Days)	Projected Change in 2070s (Days)	End of Century Projected Change in 2090s (Days)
Consecutive Dry Days	Annual	17	-0 to +1	-0 to +2	-1 to +3	-1 to +4
	Winter	11	-1 to +1	-1 to +1	-1 to +2	-1 to +2
	Spring	11	-1 to +1	-1 to +1	-1 to +1	-1 to +1
	Summer	13	-1 to +1	-1 to +2	-1 to +3	-1 to +2
	Fall	13	-0 to +2	-0 to +3	-0 to +3	-0 to +3

- Annual and seasonal projections for consecutive dry days, or for a given period, the largest number of consecutive days with precipitation less than 1 mm (~0.04 inches), are variable throughout the 21st century.
    - For all the temporal parameters, the Boston Harbor basin is expected to see a slight decrease to an increase in consecutive dry days throughout this century.
    - Seasonally, the fall and summer seasons are expected to continue to experience the highest number of consecutive dry days.
        - The fall season is expected to experience an increase of 0-3 days in consecutive dry days by the end of the century.