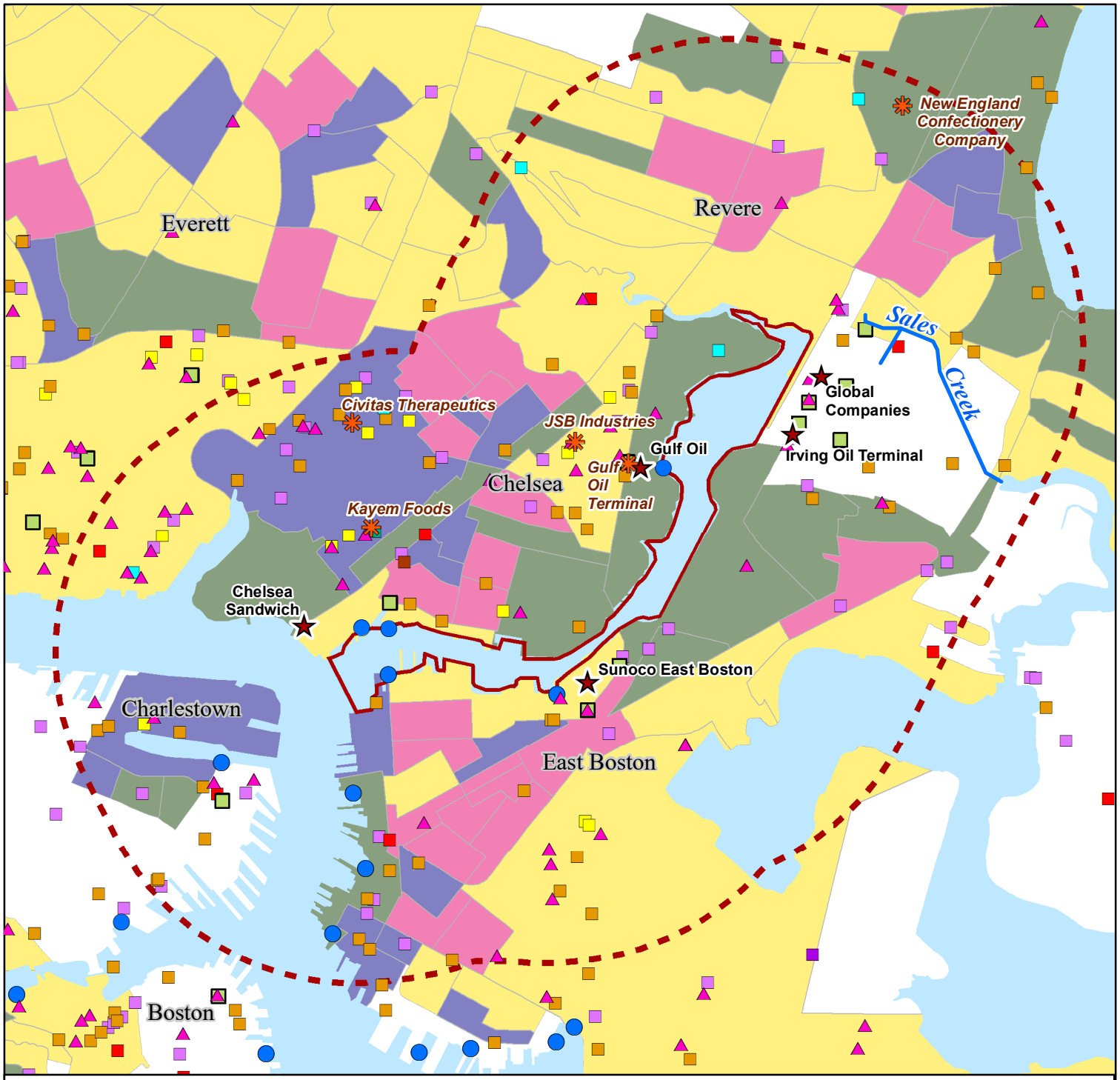
Figure 1

Regulated Facilities and Sites Chelsea River 1.0 Mile Buffer Area, Chelsea, East Boston, Revere, Everett and Charlestown, Massachusetts



Study Area

Formal Enforcement Action Sites (2015-2020)

Bulk Petroleum Storage Facilities in Study Area

MassDEP Tier Classified Site

Chelsea & Boston Combined Sewer Outfalls

EPA Regulated Facilities

- Hazardous Waste (TSDF)
- Superfund (Non-NPL)
- Risk Management Plan
- NPDES Major
- NPDES Non-Major
- RCRA Large Quantity Generator
- Toxic Release Inventory (TRI) Site
- Air Facility System - Major
- Air Facility System - Minor

Massachusetts Environmental Justice Areas (MassGIS, 2020)

- Minority Population
- Income and Minority Population
- Minority Population and English Isolation
- Income, Minority Population and English Isolation

(Other combinations occur outside map extent)

N

0 0.5 Miles

Regulated Facilities and Sites
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere, Everett and Charlestown, Massachusetts

EPA

FIGURE 1

EPA Region 1 GIS Center Map #13027, 11/3/2020.

Figure 2

Mystic River Watershed Quality - Grades and Compliance Rates Calendar Year 2019

Mystic River Watershed Water Quality
Grades and Compliance Rates - Calendar Year 2019

Grade	Water Segment	Average Compliance Rate
A	Upper Mystic Lake	92.9%
A	Chelsea River	90.4%
A-	Mystic River (Fresh Water)	85.5%
B+	Belle Isle Inlet	83.8%
B+	Mystic River (Salt Water)	83.8%
B	Island End River	76.3%
B-	Meetinghouse Brook	72.6%
C	Malden River	63.9%
C-	Aberjona River	55.7%
D+	Little River	50.7%
D+	Mill Brook	50.5%
D	Alewife Brook	45.6%
D-	Mill Creek	41.3%
F	Winns Brook	36.3%

READING
WILMINGTON
WAKEFIELD
BURLINGTON
WOBURN
STONEHAM
MELROSE
WINCHESTER
LEXINGTON
MALDEN
MEDFORD
REVERE
ARLINGTON
EVERETT
CHELSEA
WINTHROP
BELMONT
CAMBRIDGE
SOMERVILLE
WATERTOWN
BOSTON
Aberjona River
Upper Mystic Lake
Meetinghouse Brook
Mill Brook
Malden River
Mystic River (Fresh Water)
Winn's Brook
Little River
Alewife Brook
Island End River
Mystic River (Salt Water)
Mill Creek
Chelsea Creek
Belle Isle Inlet
N
W
E
S
0 0.5 1 2 Miles

Average Compliance Rates for Swimming and Boating Standards

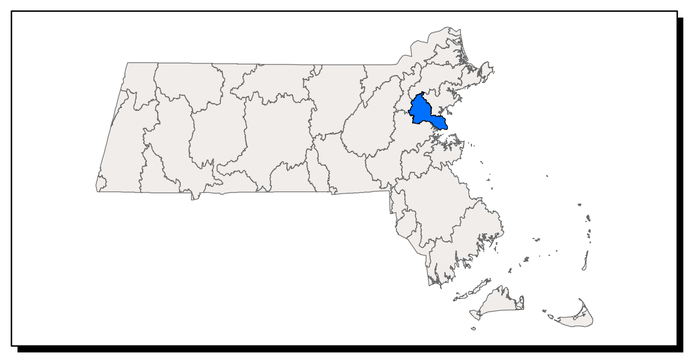
A	B	C	D	F
100-86	85-71	70-56	55-40	39-0

Monitoring Points

- Mystic River Watershed Association
- Massachusetts Water Resources Authority
- Mystic River Watershed
- Town Boundary

2019 Mystic River Watershed Report Card

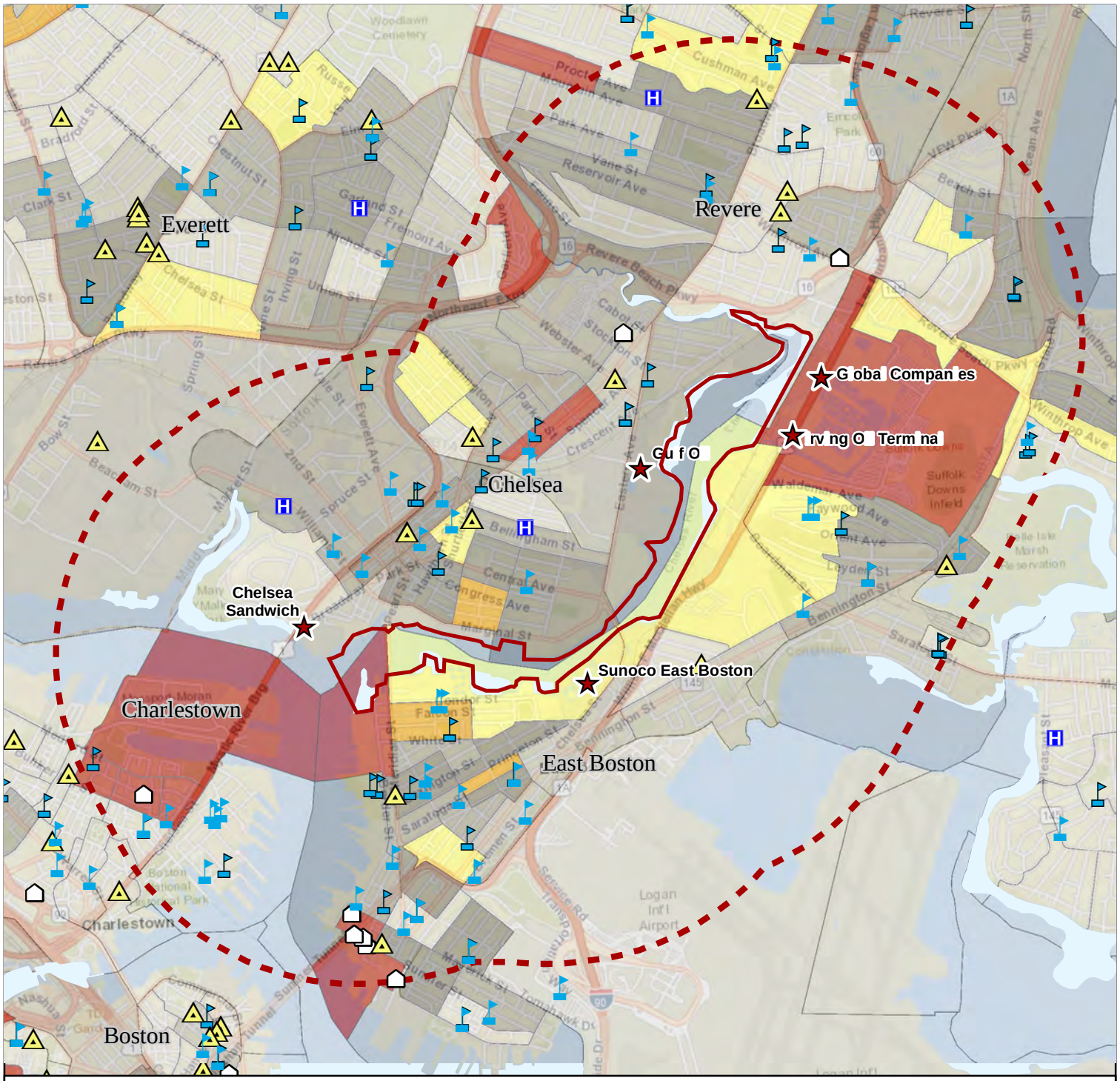
(based on 2017-2019 bacterial data)



Data Sources: Mystic River Watershed Association, U.S. EPA, Massachusetts Water Resources Authority, MassGIS.
Basemap: Canvas/World Light Gray Base © ESRI and its data suppliers. EPA Region 1 GIS Center map #12905 7/15/2020

Figure 3

EJSCREEN Demographic Indicator and Environmental Index Maps



EJSCREEN Demographic Indicator
(National Percentiles):
Low Income Indicator

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

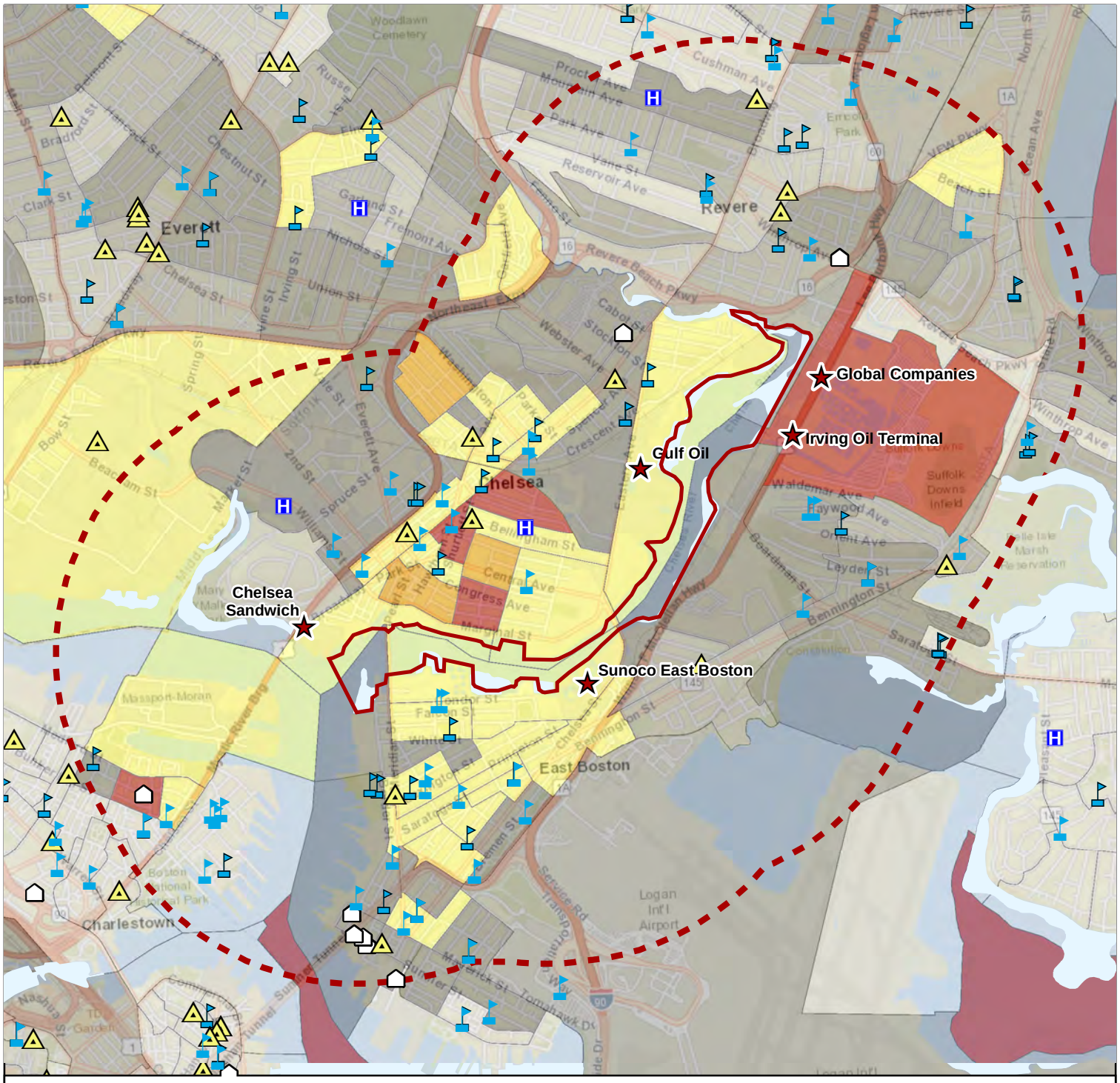
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3A

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN Demographic Indicator
(National Percentiles):
Minority Population Indicator

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

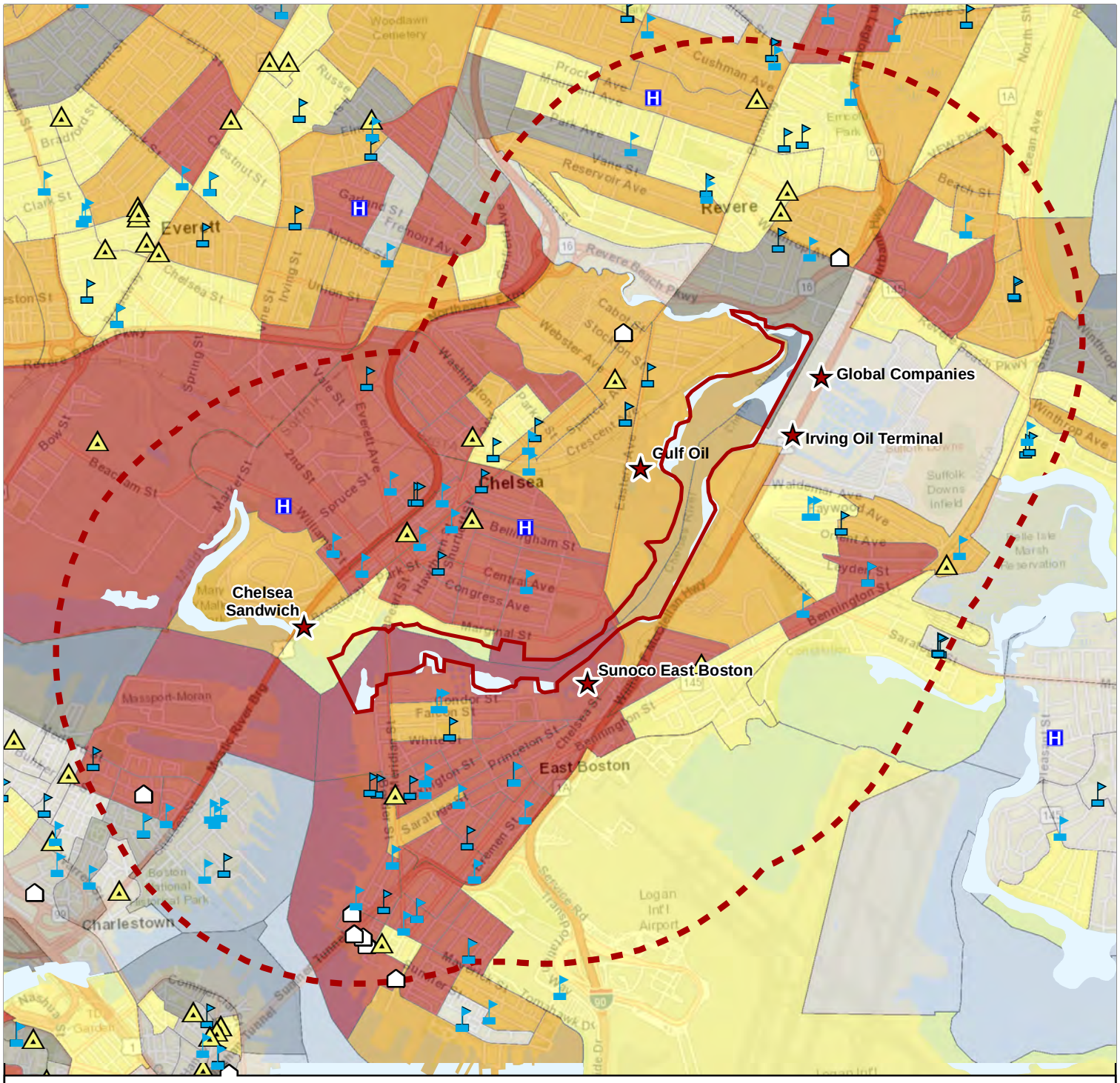
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3B

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN Demographic Indicator
(National Percentiles):
Linguistically Isolated Indicator

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

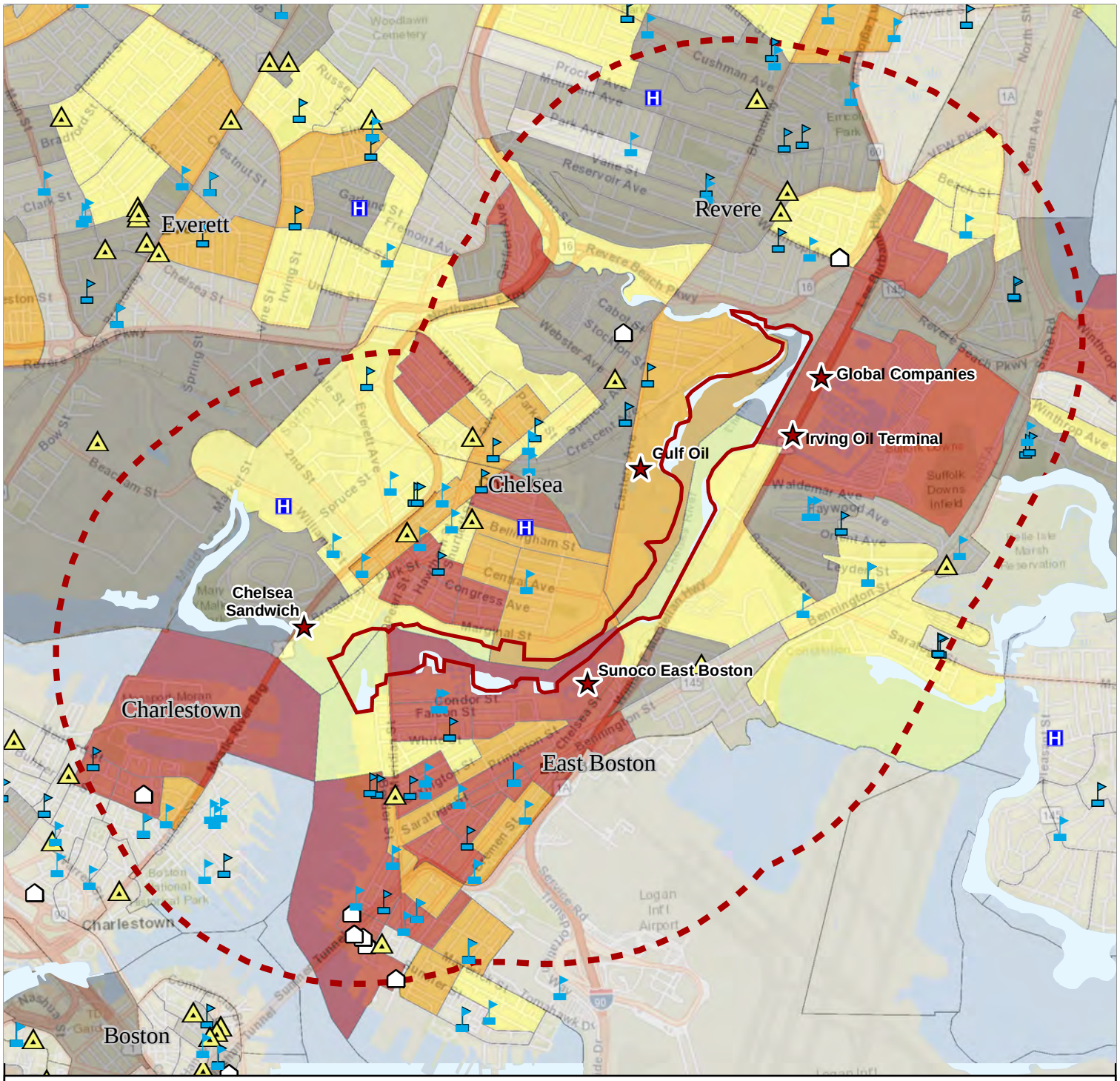
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere, Everett and Charlestown, Massachusetts

EPA

FIGURE 3C

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN Demographic Indicator
(National Percentiles):
Less Than High School Education Indicator

Study Area

Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

Hospital
School
Daycare
Church
Public Housing Development

N

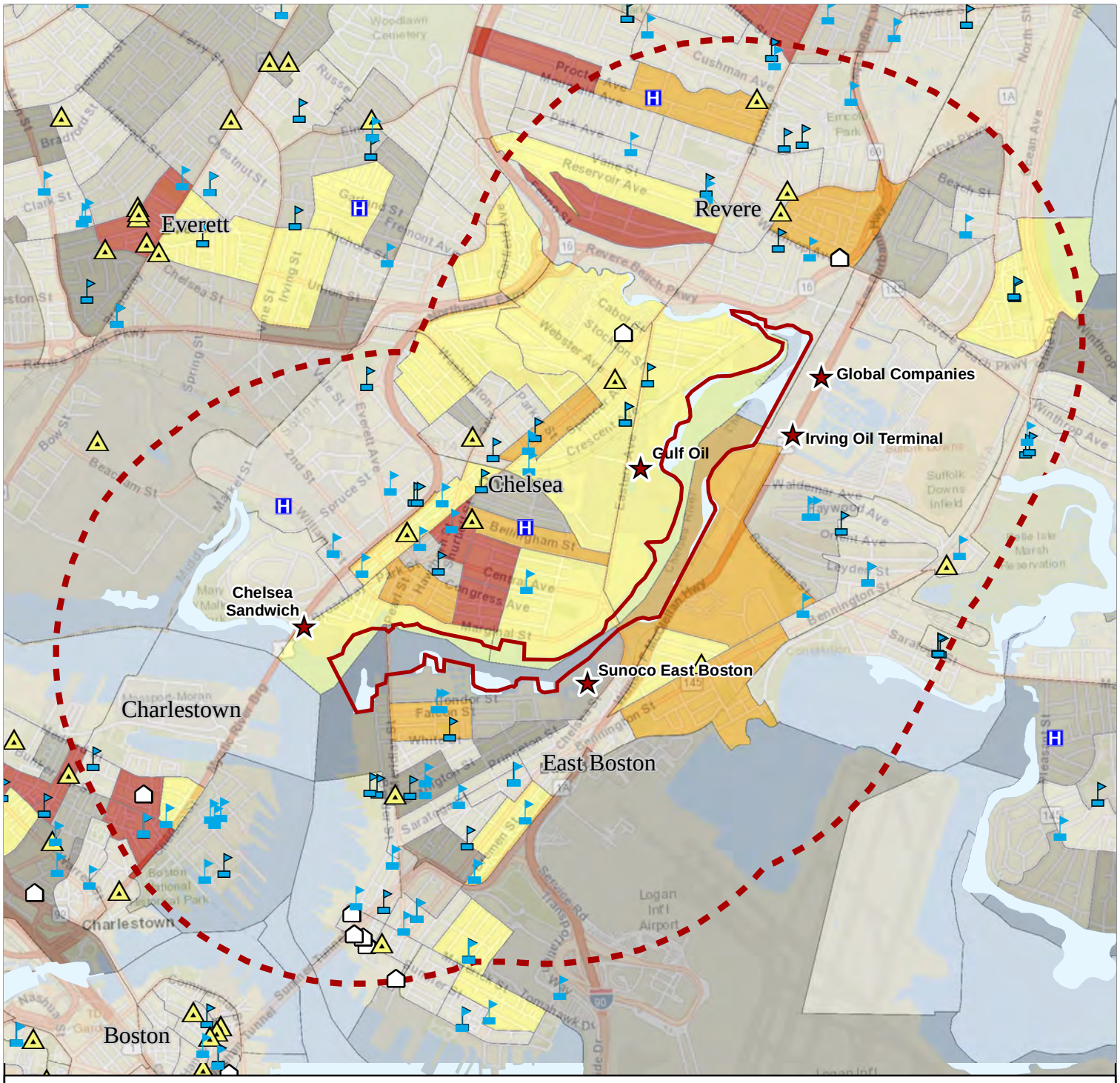
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3D

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN Demographic Indicator
(National Percentiles):
Under Age 5 Indicator

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

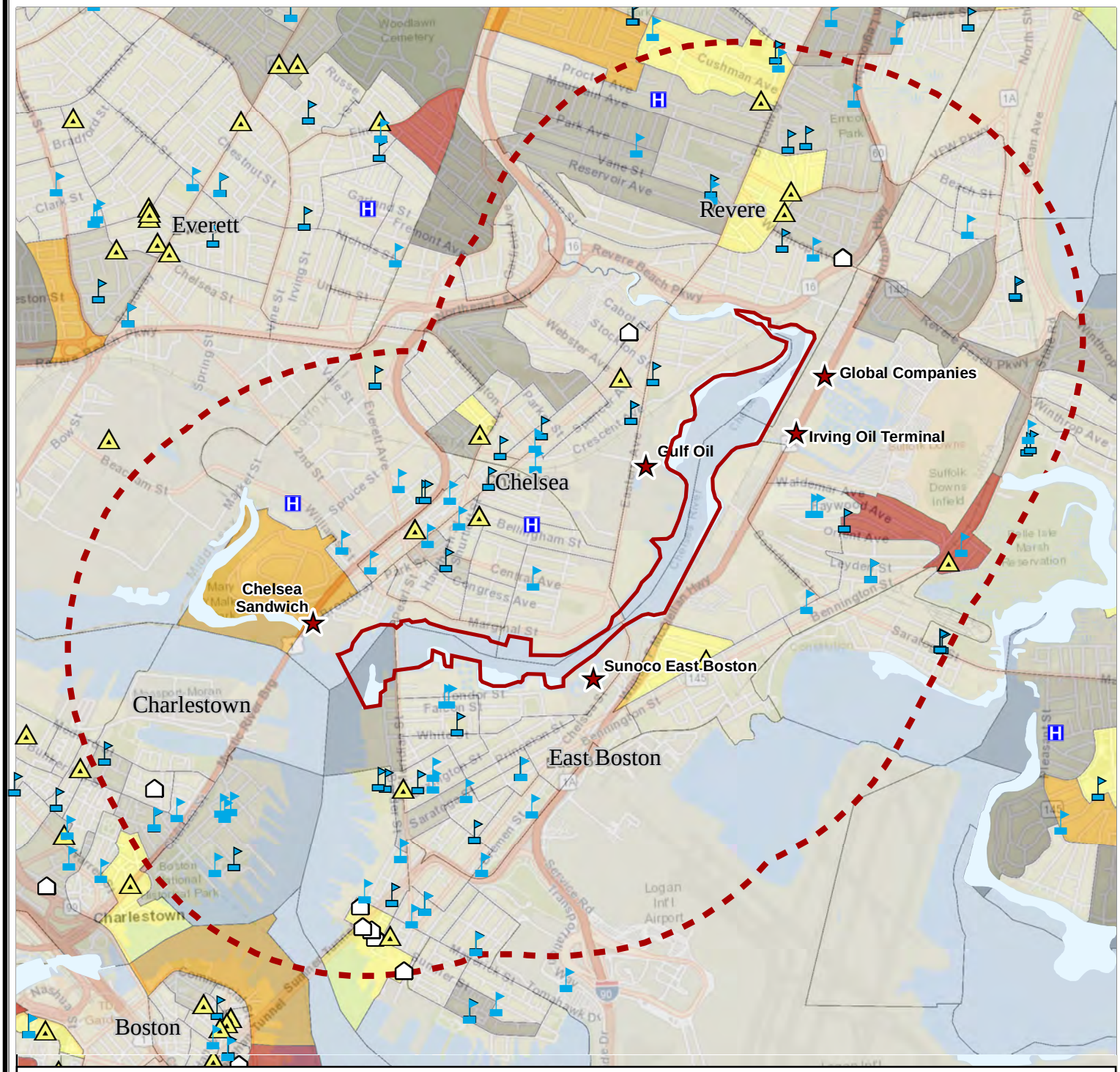
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3E

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN Demographic Indicator
(National Percentiles):
Over Age 64 Indicator

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

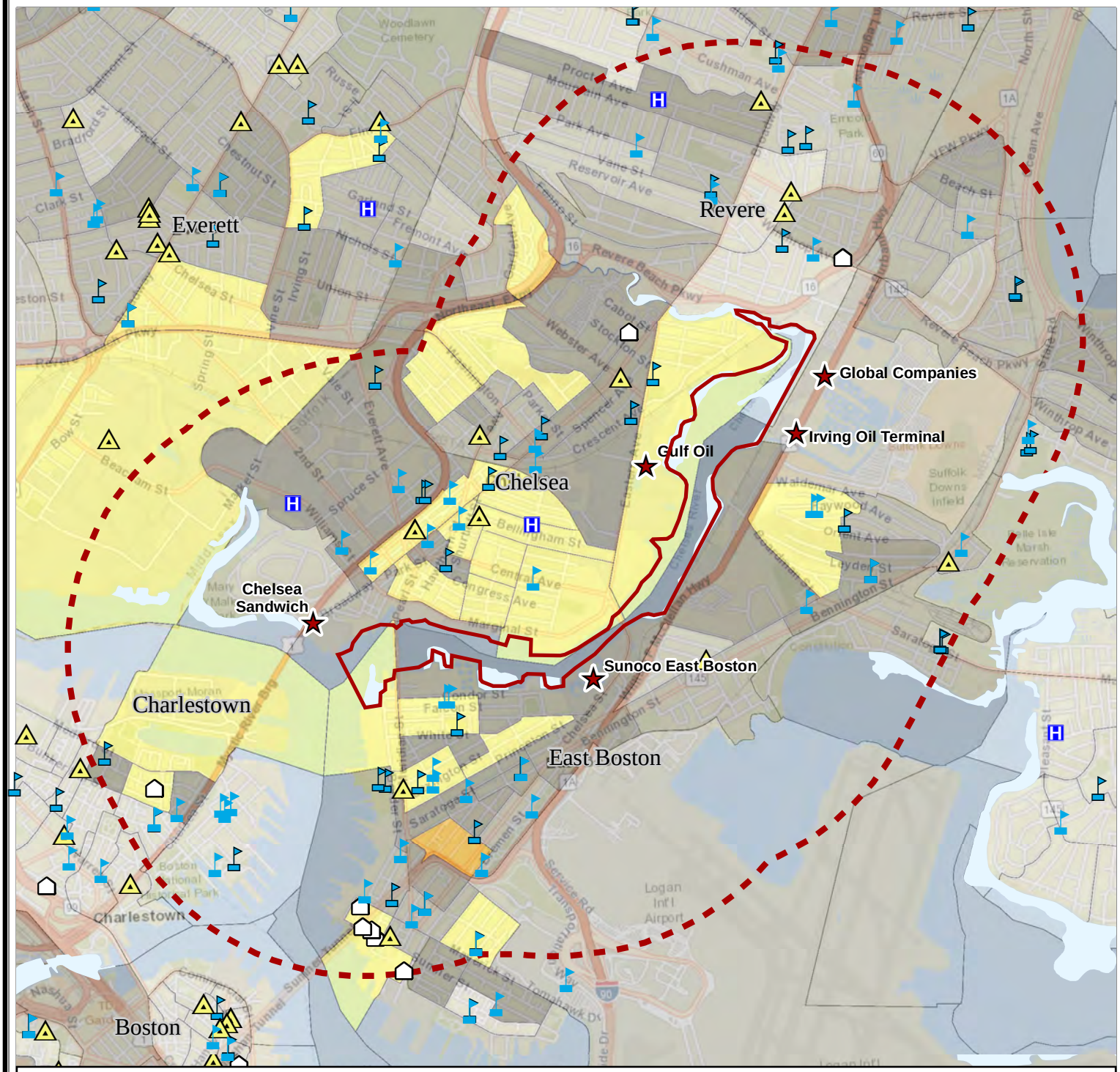
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3F

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
PM 2.5 Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

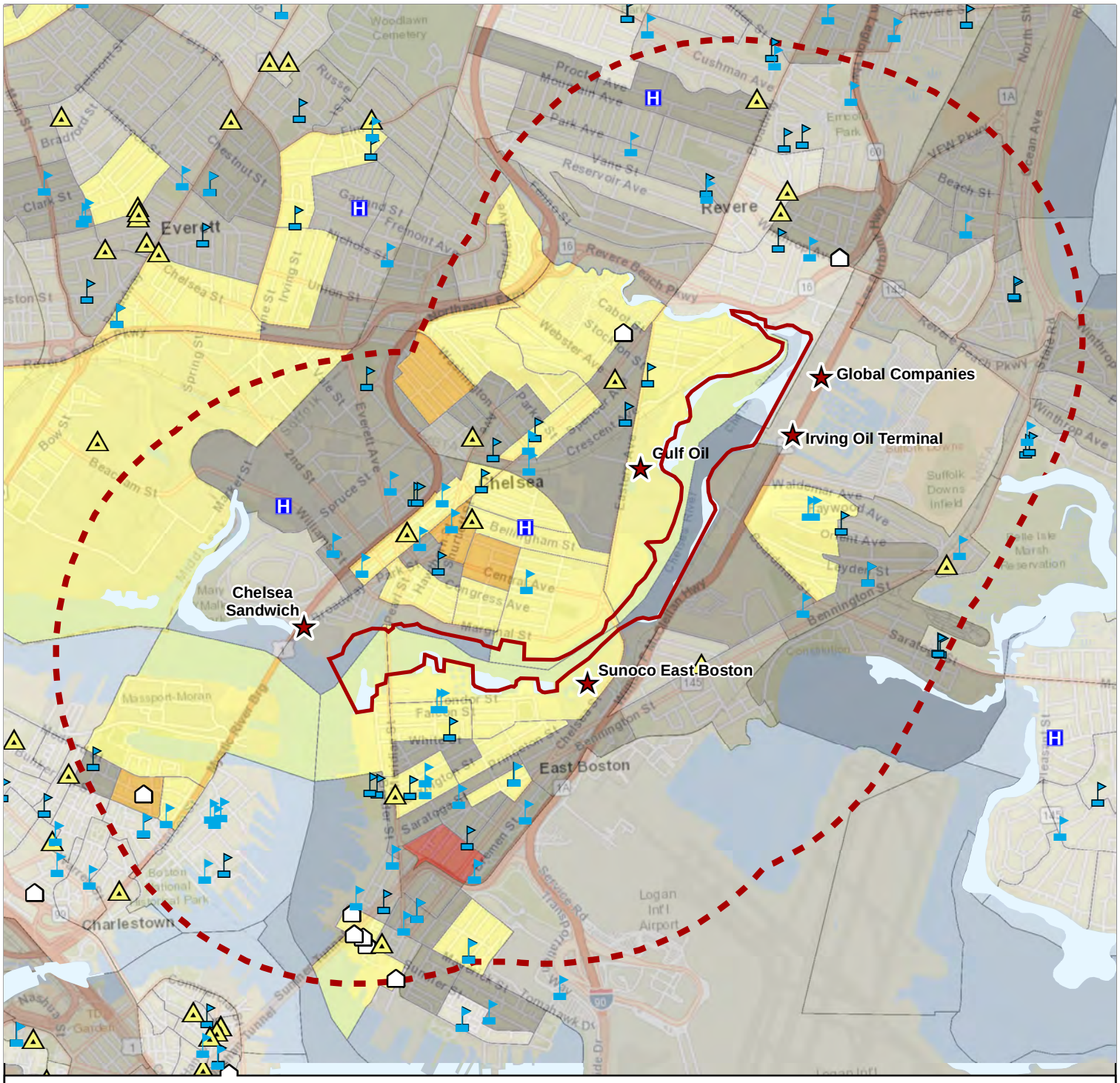
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3G

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
Ozone Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

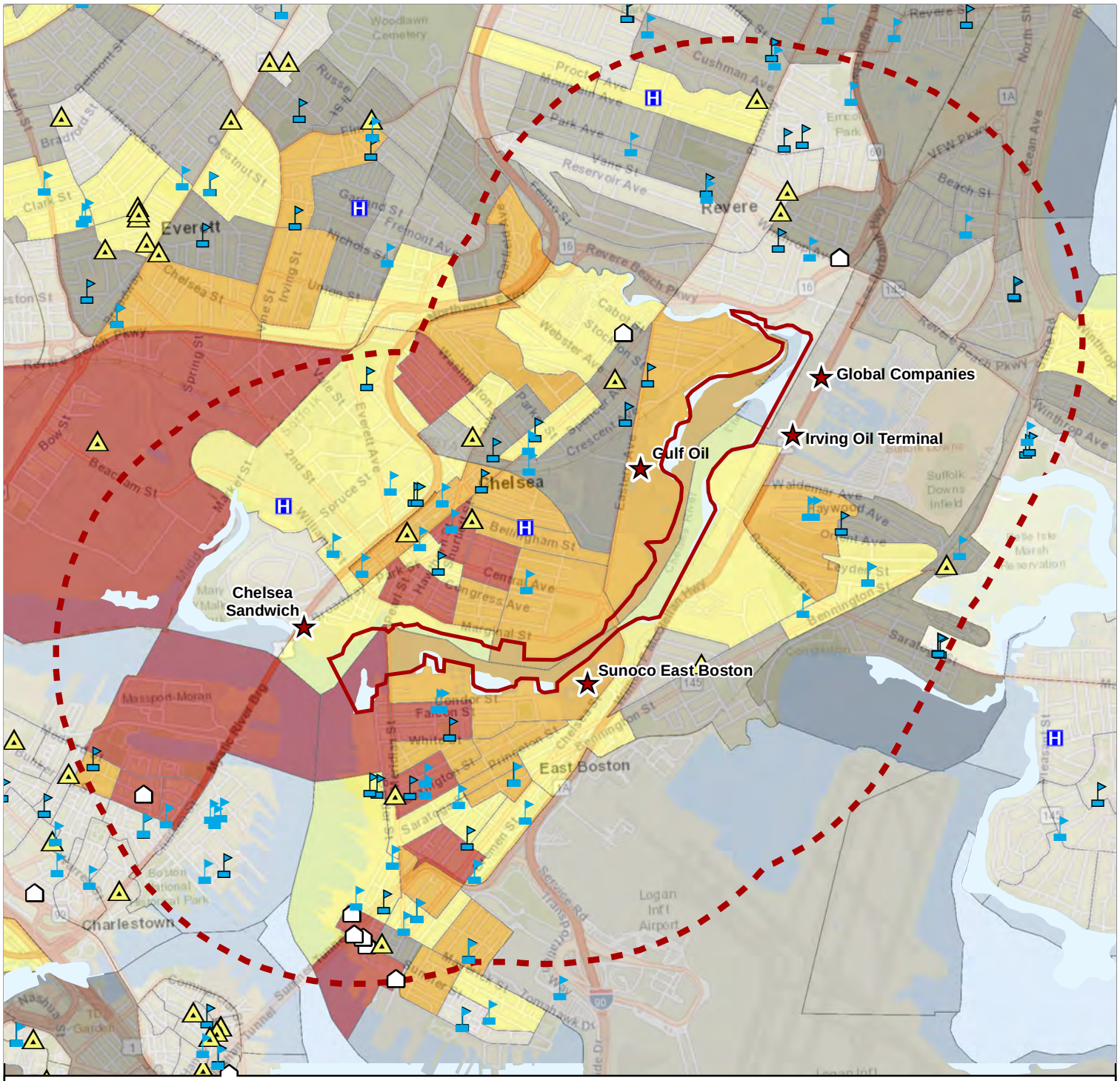
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere, Everett and Charlestown, Massachusetts

EPA

FIGURE 3H

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
NATA Diesel PM Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

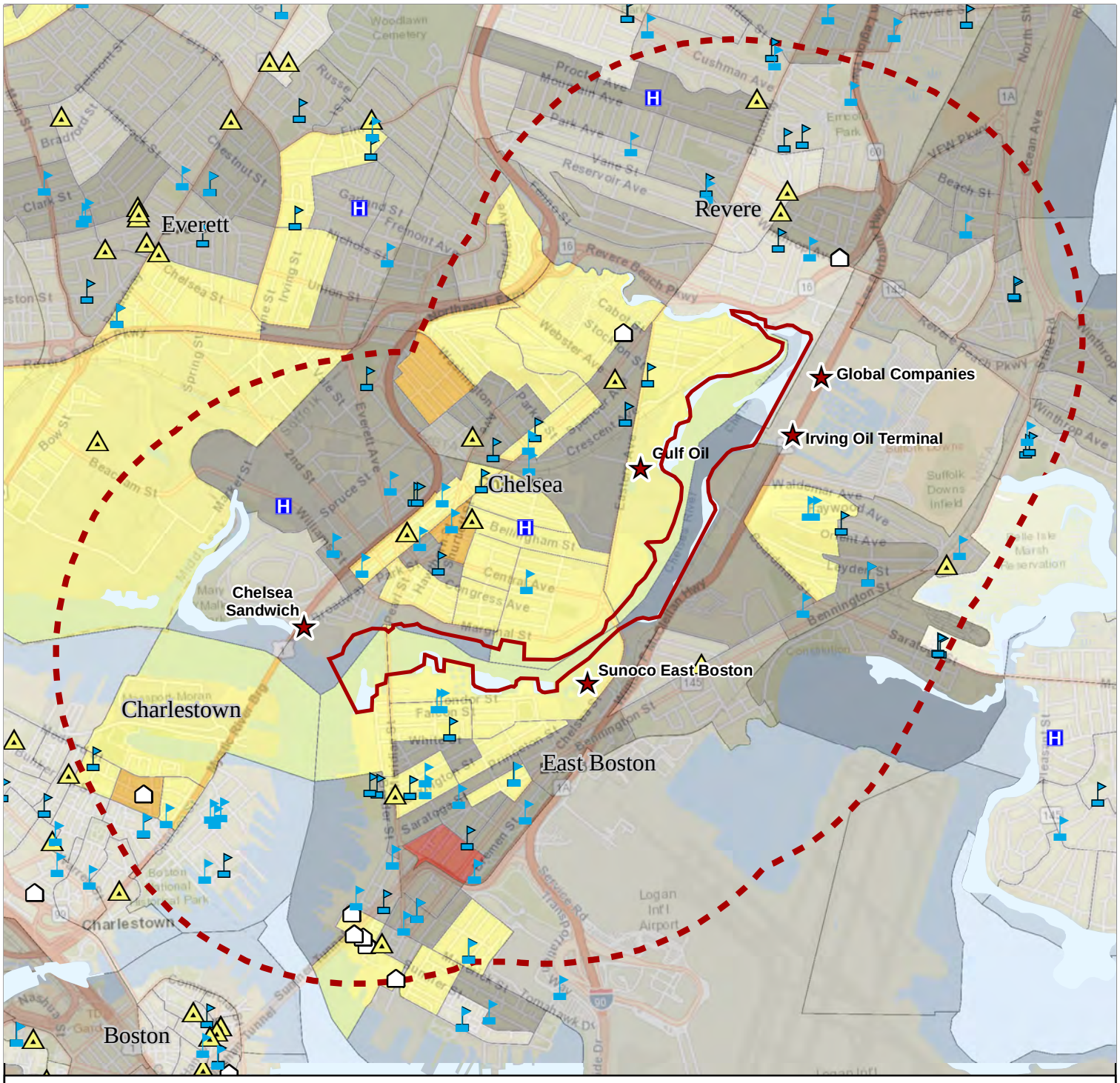
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere, Everett and Charlestown, Massachusetts

EPA

FIGURE 3I

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
NATA Cancer Risk Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

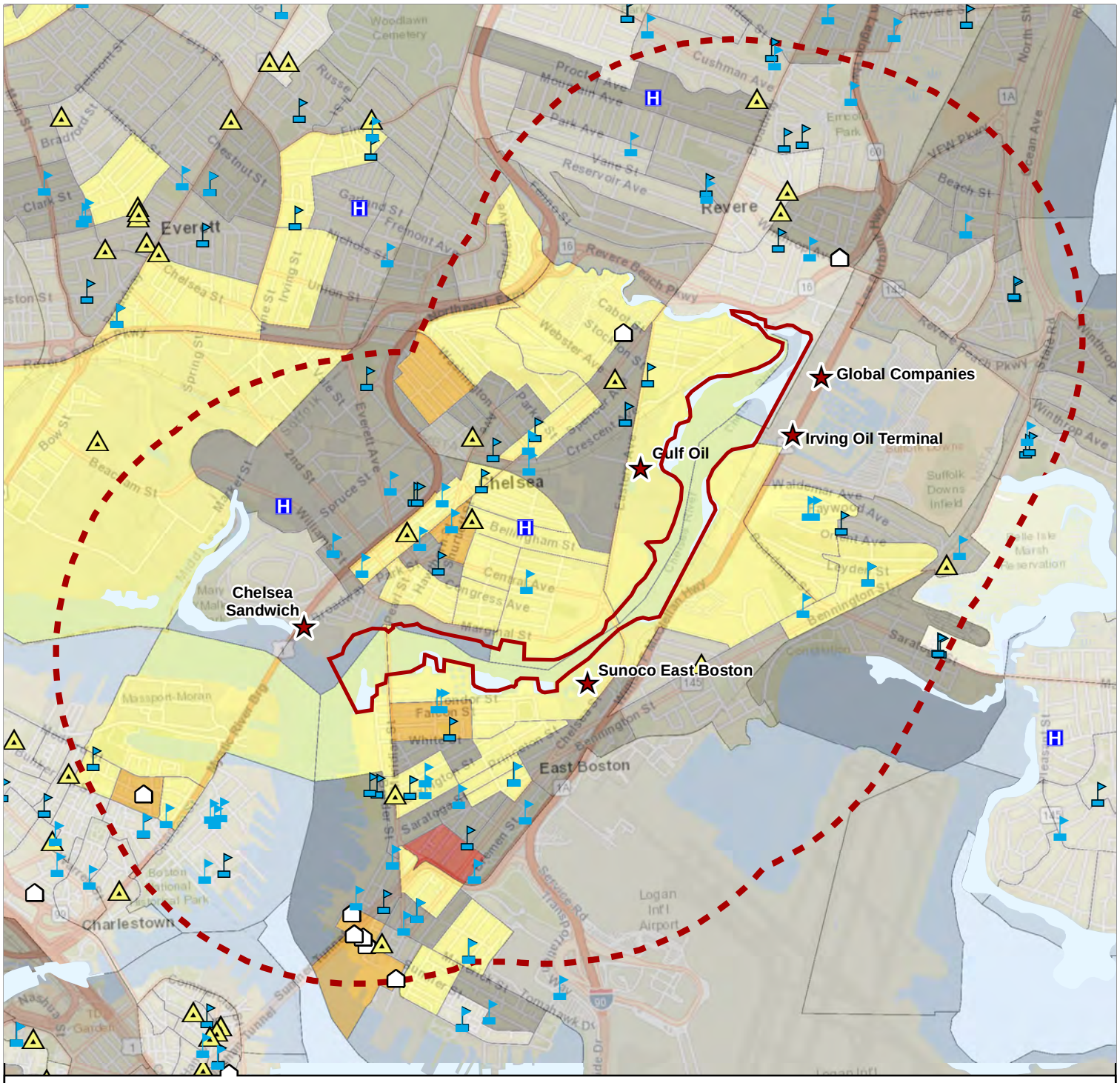
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3J

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
NATA Respiratory Hazard Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

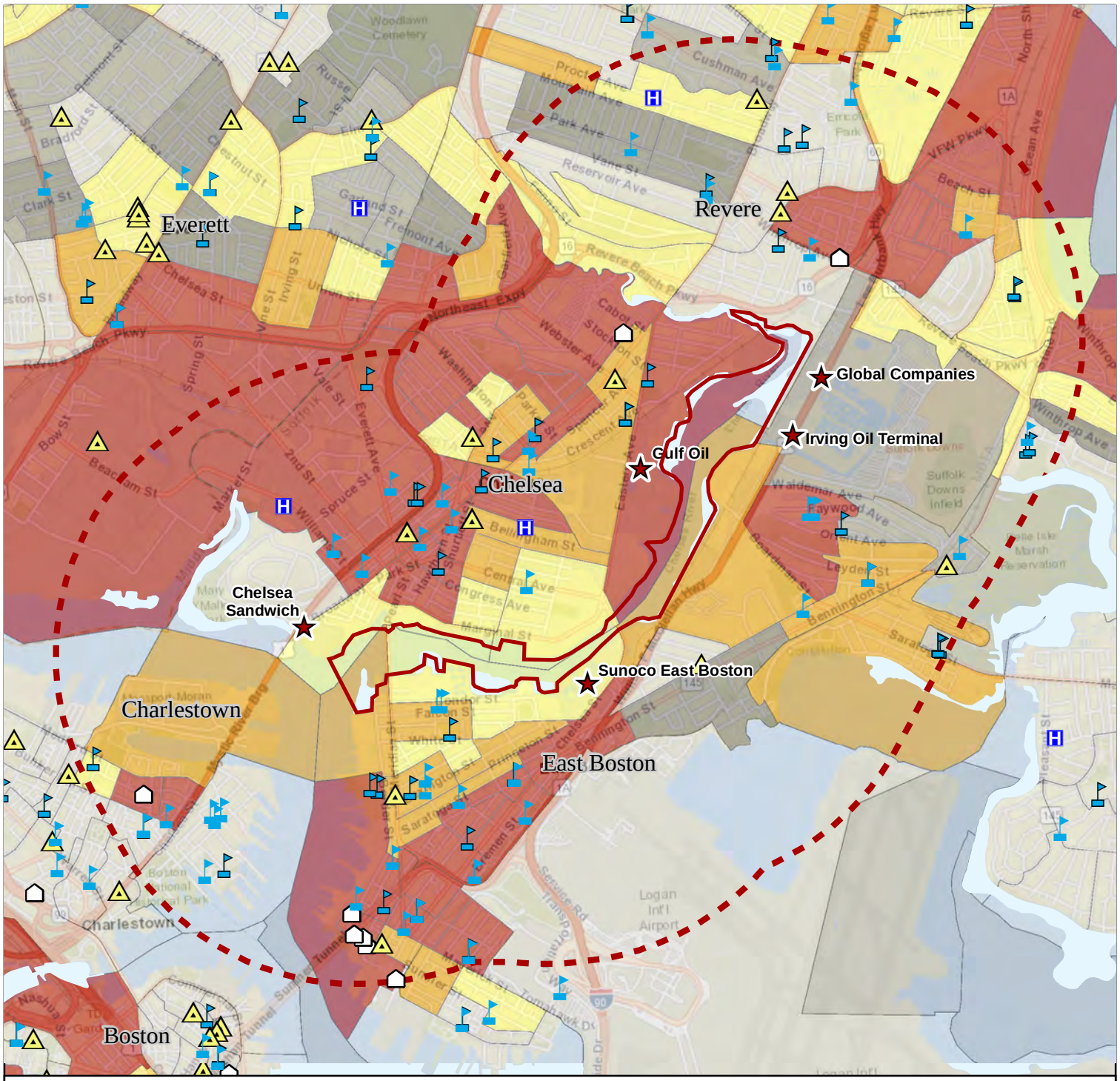
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere, Everett and Charlestown, Massachusetts

EPA

FIGURE 3K

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
Traffic Proximity Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

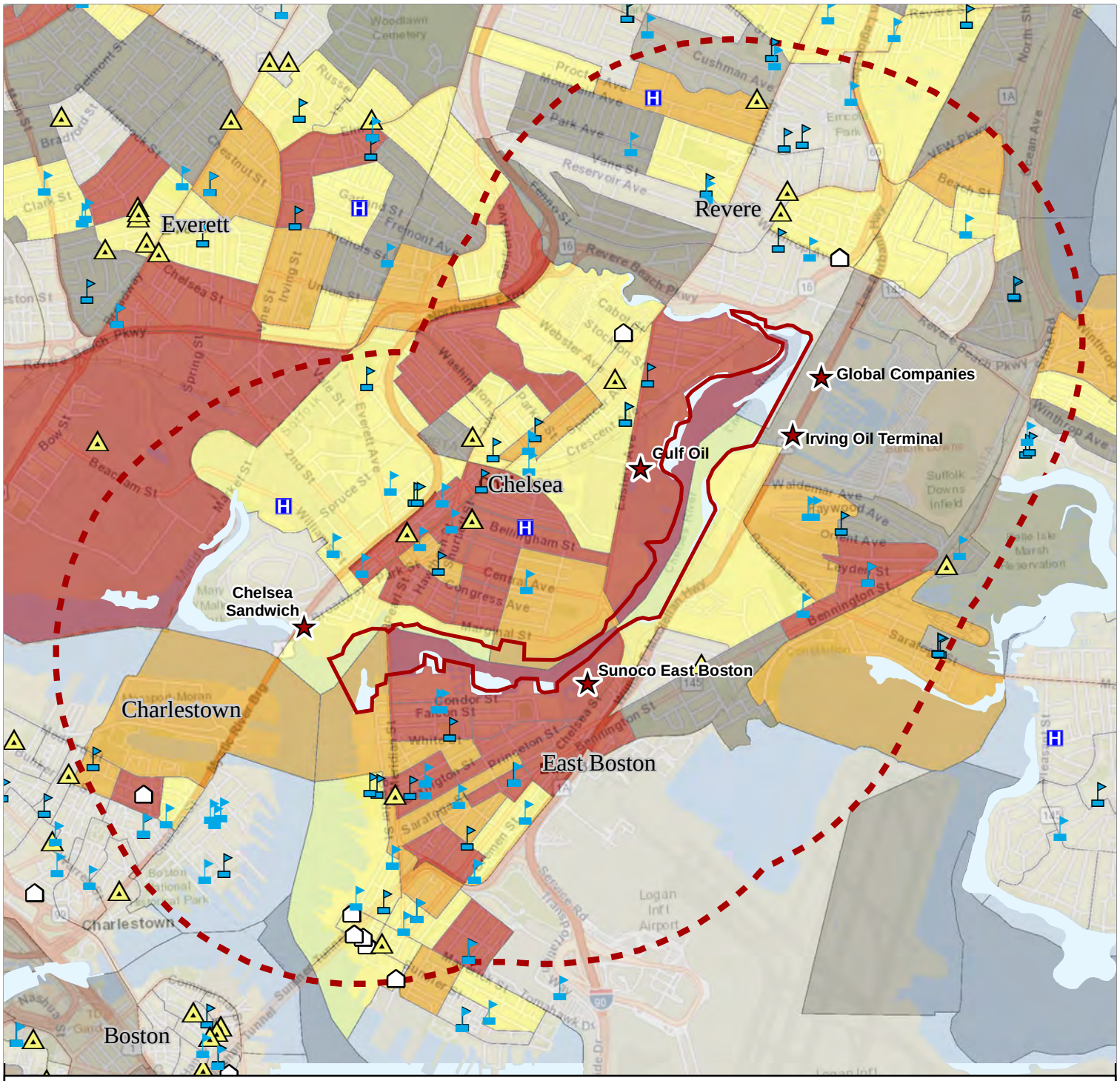
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere, Everett and Charlestown, Massachusetts

EPA

FIGURE 3L

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
Lead Paint Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

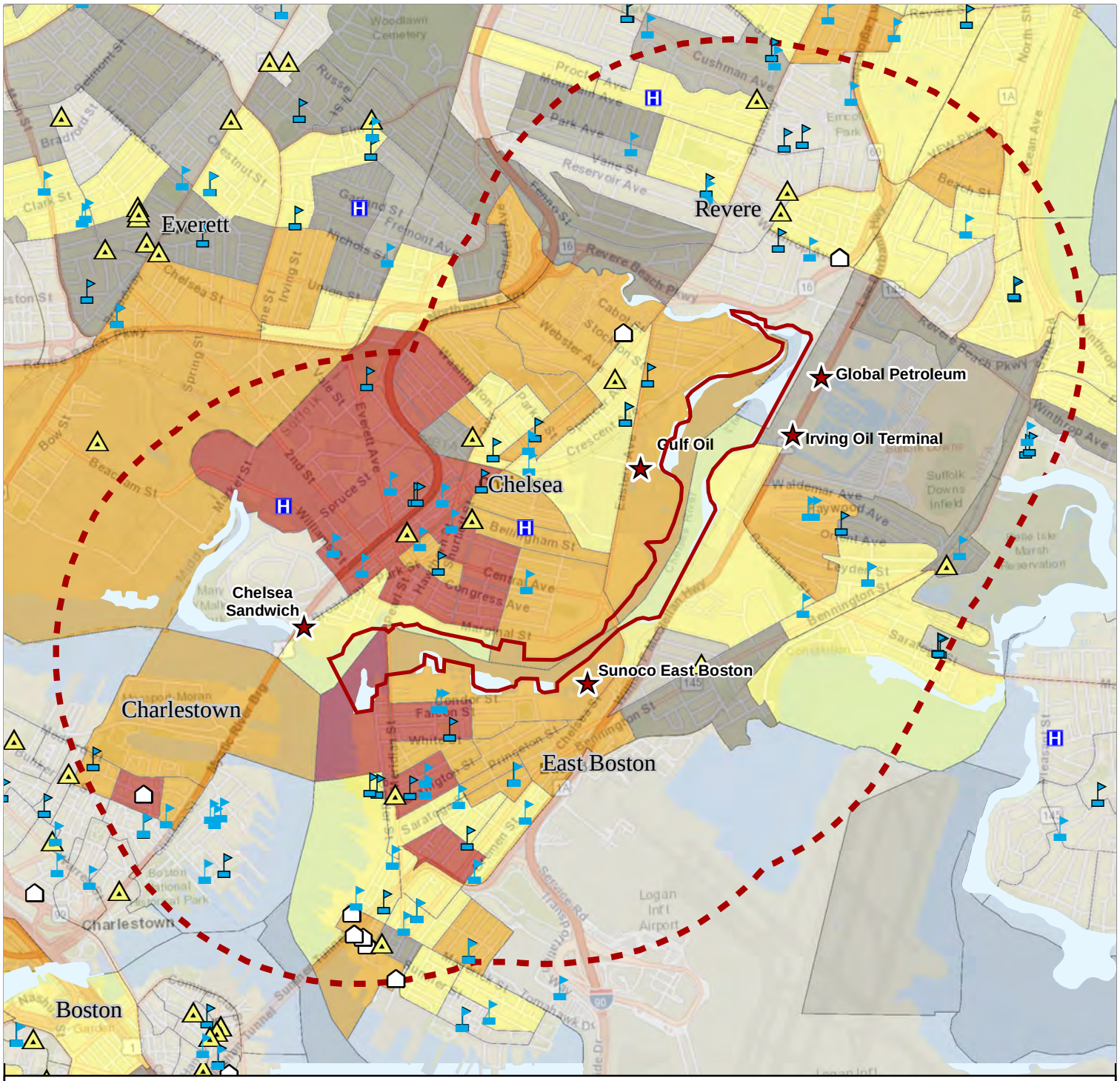
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3M

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
RMP Proximity Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

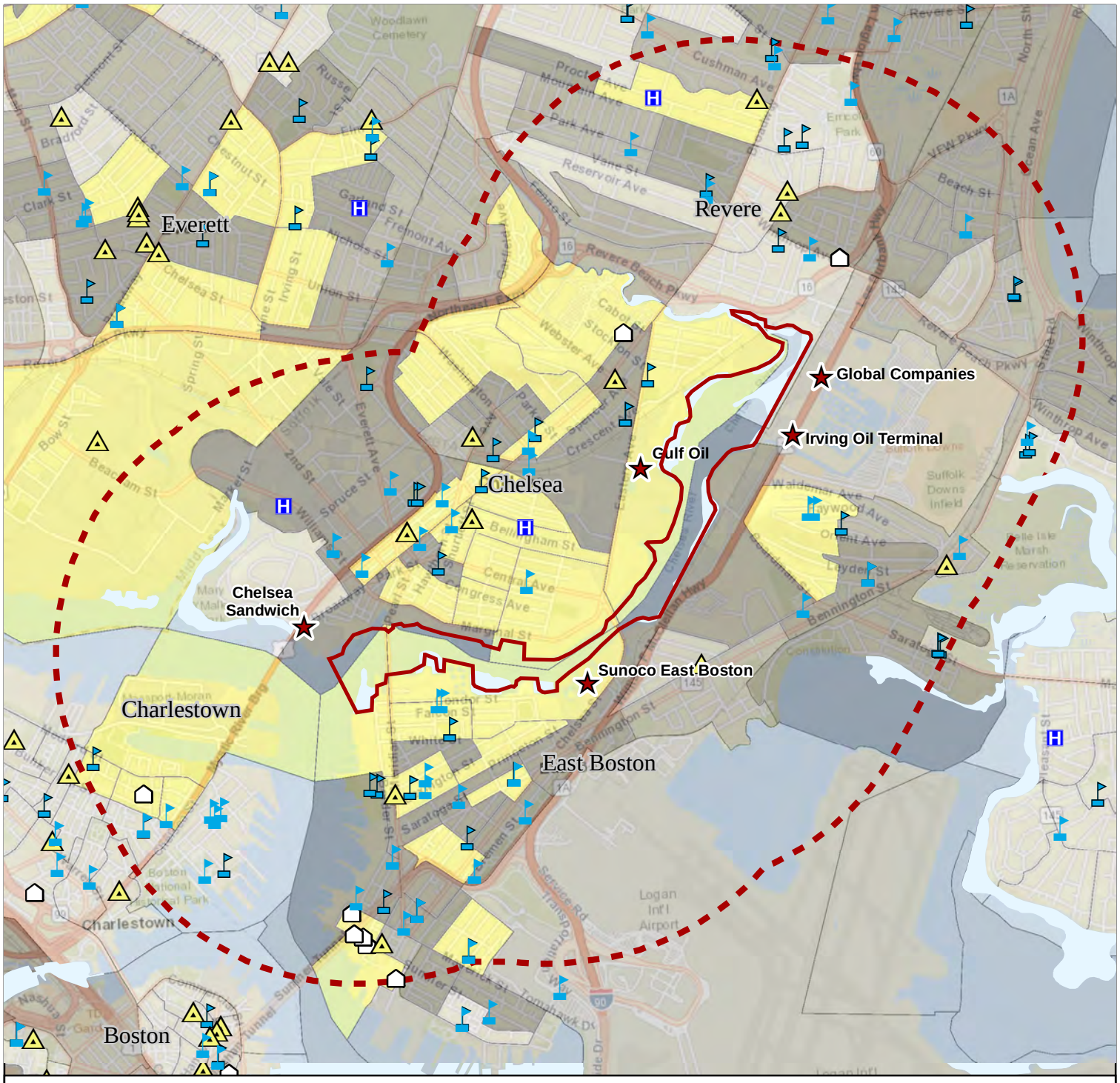
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3N

EPA Region 1 GIS Center Map #13027, 10/22/2020.



EJSCREEN EJ Index
(National Percentiles):
Superfund Proximity Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

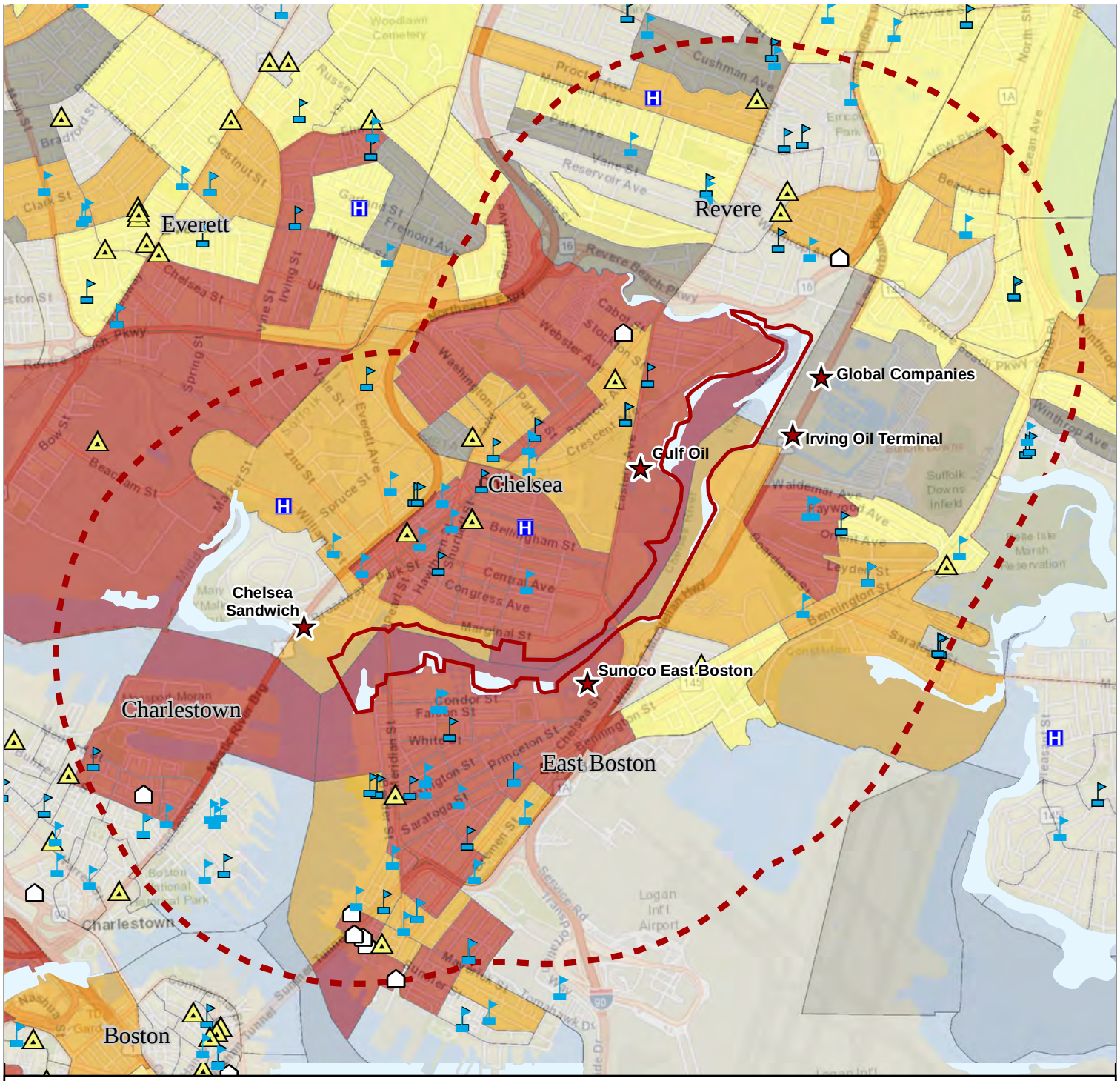
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3O

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
Hazardous Waste Proximity Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

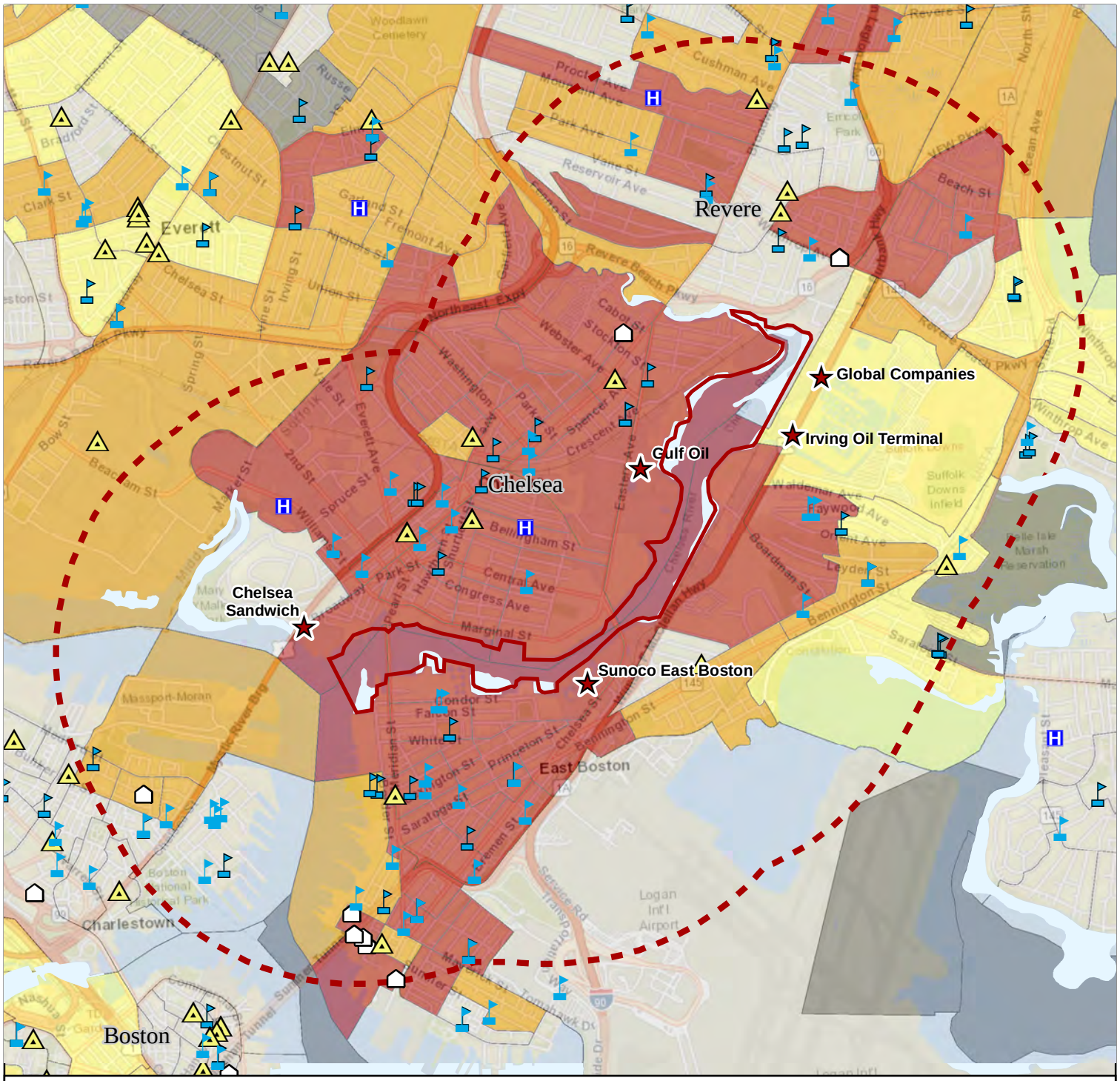
0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3P

EPA Region 1 GIS Center Map #13027, 11/3/2020.



EJSCREEN EJ Index
(National Percentiles):
Wastewater Discharge Index

- Study Area
- Bulk Petroleum Storage Facilities in Study Area

Less than 50%ile	80-90%ile
50-60%ile	90-95%ile
60-70%ile	95-100%ile
70-80%ile	Data Not Available

- Hospital
- School
- Daycare
- Church
- Public Housing Development

N

0 0.5 Miles

EPA Environmental Justice
Chelsea River 1.0 Mile Buffer Area
Chelsea, East Boston, Revere,
Everett and Charlestown, Massachusetts

EPA

FIGURE 3Q

EPA Region 1 GIS Center Map #13027, 11/3/2020.

Attachment A

EJSCREEN ACS Summary Report

EJSCREEN ACS Summary Report

Location: User-spcified polygonal location
Study Area: 1.0 mile around the polygonal location

Summary of ACS Estimates
Population
Population Density (per sq. mile)
Minority Population
% Minority
Households
Housing Units
Housing Units Built Before 1950
Per Capita Income
Land Area (sq. miles) (Source: SF1)
% Land Area
Water Area (sq. miles) (Source: SF1)
% Water Area

	ACS Estimates	Percent	MOE (±)
Population by Race			
Total			
Population Reporting One Race			
White			
Black			
American Indian			
Asian			
Pacific Islander			
Some Other Race			
Population Reporting Two or More Races			
Total Hispanic Population			
Total Non-Hispanic Population			
White Alone			
Black Alone			
American Indian Alone			
Non-Hispanic Asian Alone			
Pacific Islander Alone			
Other Race Alone			
Two or More Races Alone			
Population by Sex			
Male			
Female			
Population by Age			
Age 0-4			
Age 0-17			
Age 18+			
Age 65+			

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race.
N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS) 2013 - 2017 .

2013 - 201[redacted] 1[redacted]

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-miles radius
Description:

	ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total			
Less than 9th Grade			
9th - 12th Grade, No Diploma			
High School Graduate			
Some College, No Degree			
Associate Degree			
Bachelor's Degree or more			
Population Age 5+ Years by Ability to Speak English			
Total			
Speak only English			
Non-English at Home[1+2+3+4]			
[1]Speak English "very well"			
[2]Speak English "well"			
[3]Speak English "not well"			
[4]Speak English "not at all"			
[3+4]Speak English "less than well"			
[2+3+4]Speak English "less than very well"			
Linguistically Isolated Households*			
Total			
Speak Spanish			
Speak Other Indo-European Languages			
Speak Asian-Pacific Island Languages			
Speak Other Languages			
Households by Household Income			
Household Income Base			
< $15,000			
$15,000 - $25,000			
$25,000 - $50,000			
$50,000 - $75,000			
$75,000 +			
Occupied Housing Units by Tenure			
Total			
Owner Occupied			
Renter Occupied			
Employed Population Age 16+ Years			
Total			
In Labor Force			
Civilian Unemployed in Labor Force			
Not In Labor Force			

Data Note: Datail may not sum to totals due to rounding. Hispanic population can be of anyrace.
N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)
*Households in which no one 14 and over speaks English "very well" or speaks English only.

[redacted]

EJSCREEN ACS Summary Report

Location: User-specified polygonal location
Ring (buffer): 0-miles radius
Description:

	ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home*			
Total (persons age 5 and above)			
English			
Spanish			
French			
French Creole			
Italian			
Portuguese			
German			
Yiddish			
Other West Germanic			
Scandinavian			
Greek			
Russian			
Polish			
Serbo-Croatian			
Other Slavic			
Armenian			
Persian			
Gujarathi			
Hindi			
Urdu			
Other Indic			
Other Indo-European			
Chinese			
Japanese			
Korean			
Mon-Khmer, Cambodian			
Hmong			
Thai			
Laotian			
Vietnamese			
Other Asian			
Tagalog			
Other Pacific Island			
Navajo			
Other Native American			
Hungarian			
Arabic			
Hebrew			
African			
Other and non-specified			
Total Non-English			

Data Note: Detail may not sum to totals due to rounding. Hispanic popultion can be of any race.
N/A means not available. **Source:** U.S. Census Bureau, American Community Survey (ACS)
*Population by Language Spoken at Home is available at the census tract summary level and up.

Attachment B

Regulated Facilities or Sites Table

Attachment B - Facilities and Sites Located in the Study Area

Formal Enforcement Actions (2015 -2020)

NAME	ADDRESS	CITY
CIVITAS THERAPEUTICS	190 EVERETT AVE.	CHELSEA
GULF OIL TERMINAL	281 EASTERN AVE.	CHELSEA
JSB INDUSTRIES	130 CRESENT AVE.	CHELSEA
KAYEM FOODS	75 ARLINGTON ST.	CHELSEA
NEW ENGLAND CONFECTIONARY COMPANY	135 AMERICAN LEGION HIGHWAY	REVERE

MADEP Tier Classified Sites

NAME	ADDRESS	CITY
AGGREGATE INDUSTRIES NORTHEAST REGION; INC.	201B ROVER STREET	EVERETT
AT&T - USID54464	134 RAILROAD STREET	REVERE
AVIS BUDGET GROUP; INC. - CONRAC QTA # 1 - LOGAN INTERNATIONAL AIRPORT	150 TOMAHAWK DRIVE	EAST BOSTON
AVIS RENT A CAR SYSTEM; LLC	375 MCCLELLAN HIGHWAY	EAST BOSTON
BILTRITE CORPORATION	31 HIGHLAND STREET	CHELSEA
BOSTON SAND & GARVEL CO. EVERETT FACILITY	201 ROVER STREET	EVERETT
CHANNEL FISH CO INC	370 EAST EAGLE STREET	EAST BOSTON
CHELSEA SANDWICH; LLC - CHELSEA; MA	11 BROADWAY	CHELSEA
CRAFT BREWERS GUILD DISTRIBUTING OF BOSTON	170 MARKET ST.	EVERETT
DELTA AIR LINES; INC. - BOS	100 TERMINAL A; DEPARTMENT 110 BOSTON LOGAN INTERNATIONAL AIRPORT	EAST BOSTON
DENNIS K. BURKE; INC.	284 EASTERN AVE	CHELSEA
DISTRIGAS OF MASSACHUSETTS LLC	18 ROVER STREET	EVERETT
DURANT PERFORMANCE COATINGS	112 RAILROAD ST.	REVERE
EAST BOSTON PRODUCT TERMINAL	467 CHELSEA STREET	EAST BOSTON
GLOBAL COMPANIES LLC F/K/A GLOBAL PETROLEUM CORPORATION	71/140 LEE BURBANK HIGHWAY	REVERE
GLOBAL COMPANIES LLC F/K/A GLOBAL REVCO TERMINAL LLC	101/186 LEE BURBANK HIGHWAY	REVERE
GLOBAL COMPANIES LLC F/K/A GLOBAL SOUTH TERMINAL	49/96 LEE BURBANK HIGHWAY	REVERE
GLYPTAL; INC.	305 EASTERN AVENUE	CHELSEA
GREEN BUS DEPOT	23 LOVELL STREET, BUILDING 53	EAST BOSTON
GREEN BUS DEPOT	23 LOVELL STREET BUILDING 53	EAST BOSTON

IRVING OIL TERMINALS INC.	41 LEE BURBANK HIGHWAY	REVERE
JSB INDUSTRIES CHELSEA	130 CRESCENT AVE	CHELSEA
KAYEM FOODS; INC	75 ARLINGTON ST	CHELSEA
KAYEM FOODS; INC. WOBURN FRESH SAUSAGE DIVISION	14 INDUSTRIAL PARKWAY	WOBURN
LAFARGE CEMENT BOSTON TERMINAL	285 MEDFORD ST	CHARLESTOWN
MASSACHUSETTS GENERAL HOSPITAL; CHARLESTOWN NAVY YARD	149 THIRTEENTH ST	BOSTON
MIDDLESEX GASES & TECHNOLOGIES - EVERETT	292 SECOND ST	EVERETT
MORTON SALT, INC.	100 TERMINAL STREET	CHARLESTOWN
NSTAR STATION 14	61 BEACON STREET	CHELSEA
NSTAR STATION 445	194 CRESCENT AVENUE	CHELSEA
NSTAR STATION 488	WILLOUGHBY STREET	CHELSEA
PETER PAN BUS LINES; INC.	333 THIRD STREET	CHELSEA
PREFERRED FREEZER SERVICES OF BOSTON HARBOR	60 COMMERCIAL STREET	EVERETT
SIGNATURE FLIGHT SUPPORT BOS	240 PRESCOTT STREET	EAST BOSTON
SPAULDING REHABILITATION HOSPITAL	300 FIRST AVENUE	CHARLESTOWN
SUFFOLK DOWNS	111 WALDEMAR AVENUE	EAST BOSTON
THE HOME DEPOT STORE #8979	1100 REVERE BEACH PKWY	CHELSEA
UNITED AIRLINES - LOGAN INTERNATIONAL AIRPORT	10 AIRPORT SERVICE ROAD	EAST BOSTON
US AIRWAYS (BOSTON-LOGAN INTERNATIONAL AIRPORT)	BOSTON-LOGAN INTERNATIONAL AIRPORT TERMINAL B	BOSTON
VERIZON CHELSEA CO (VZ- MA577107)	1 CITY HALL AVE	CHELSEA
VERIZON E BOSTON CO (MA577207)	40 SARATOGA ST	EAST BOSTON
VERIZON REVERE CO (VZ- MA577409)	196 BEACH ST	REVERE
WHOLE FOODS MARKET COMMISSAY-EVERETT MA	9-15 COMMERCIAL STREET	EVERETT

Active Combined Sewer Outfalls

NAME	ADDRESS	RECEIVING WATER	LATITUDE	LONGITUDE
BOSTON WATER AND SEWER COMMISSION	NOT SPECIFIED	BOSTON HARBOR	42.370315	-71.044129
BOSTON WATER AND SEWER COMMISSION	NOT SPECIFIED	BOSTON HARBOR	42.373744	-71.041555
BOSTON WATER AND SEWER COMMISSION	NOT SPECIFIED	BOSTON HARBOR	42.377808	-71.042215
BOSTON WATER AND SEWER COMMISSION	NOT SPECIFIED	CHELSEA CREEK	42.384104	-71.039327
BOSTON WATER AND SEWER COMMISSION	NOT SPECIFIED	CHELSEA CREEK	42.382697	-71.027134

BOSTON WATER AND SEWER COMMISSION	NOT SPECIFIED	LITTLE MYSTIC	42.379753	-71.051689
CHELSEA	380 BEECHAM STREET	CHELSEA RIVER	42.386675	-71.041111
CHELSEA	NOT SPECIFIED	BOSTON HARBOR	42.386583	-71.039167
CHELSEA	NOT SPECIFIED	CHELSEA RIVER	42.394598	-71.018753

Facilities Issued NPDES Major Permits

NAME	ADDRESS	CITY
SUNOCO LOGISTICS EAST BOSTON TERMINAL	467 CHELSEA ST	BOSTON (EAST BOSTON)
CHELSEA COMBINED SEWER OVERFLOWS	CITYWIDE	CHELSEA

Facilities Issued NPDES Non-Major Permits

NAME	ADDRESS	CITY
CHELSEA SANDWICH PETROLEUM STORAGE FACILITY	11 BROADWAY	CHELSEA
200 SECOND STREET	200 SECOND STREET	CHELSEA
130 EASTERN AVENUE, CHELSEA	130 EASTERN AVENUE	CHELSEA
CENTRAL LABEL & ENGRAVING CO	158 CARTER ST	CHELSEA
SPENCER ROW HOUSING	205 SPENCER AVENUE	CHELSEA
MWRA STORAGE CONDUIT	1 MEDFORD ST (LITTLE MYSTIC RIVER)	BOSTON
SEAPORT SQUARE BLOCK L4	50 EAST SERVICE ROAD	BOSTON
PROJECT #605287 CHELSEA VIADUCT	US RTE. 1	CHELSEA
LOGAN TERMINAL E MODERNIZATION	LOGAN TERMINAL E MODERNIZATION	EAST BOSTON
MGH INSTITUTE OF HEALTH PROFESSIONS	36 FIRST AVENUE	CHARLESTOWN
GLOBAL REVCO TERMINAL	101/201 LEE BURBANK HIGHWAY	REVERE
ROCK CHAPEL MARINE	37-99 MARGINAL STREET	CHELSEA
DEMOLITION AND REMOVAL OF EXISTING TOLL PLAZA - SUMNER TUNNEL	EAST BOSTON EXPRESSWAY EXIT 30 TOLL PLAZA	EAST BOSTON
FAIRFIELD AT CHELSEA	255 VALE STREET	CHELSEA
PETER PAN BUS LINES	333 3RD ST	CHELSEA
MA WATER RESOURCES AUTHORITY	2 GRIFFIN WAY	CHELSEA
LIVERPOOL STREET BUILDING DEMOLITION	151 LIVERPOOL STREET	EAST BOSTON
JET BLUE AIRWAYS	300 TERMINAL C	EAST BOSTON
ORIENT HEIGHTS PHASE TWO	40-69 VALLAR ROAD	BOSTON

STATION 131	LOT 2 CONDOR STREET	BOSTON
CLARK AVE SCHOOL	8 CLARK AVENUE	CHELSEA
GLOBAL SOUTH TERMINAL	49/96 LEE BURBANK HIGHWAY	REVERE
WATER, SEWER AND DRAIN IMPROVEMENTS	LIBRARY ST	CHELSEA
NORTH CARGO REHABILITATION PHASE I AND OTHER AIRFIELD IMPROVEMENTS	LOGAN INTERNATIONAL AIRPORT	EAST BOSTON
USPS CHELSEA VMF	307 BEACHAM STREET	CHELSEA
STATION 131	346-360 EAST EAGLE STREET	BOSTON
BROADWAY HOTEL	1012-1018 BROADWAY	CHELSEA
ORIENT HEIGHTS PHASE TWO	40-69 VALLAR ROAD	BOSTON
THE ROPEWALK	317 CHELSEA STREET	BOSTON
PARKING LOT REPAVING PROJECT	525 MCCLELLAN HIGHWAY	BOSTON
UPS CARTAGE SERVICES, INC. (MACHS)	280 EASTERN AVENUE	CHELSEA
BOSTON AUTOPORT	100 TERMINAL STREET	CHARLESTOWN
WEBSTER BLOCK RESIDENTIAL & COMMERICIAL	1 WEBSTER AVE	CHELSEA
SECOND STREET IRON AND METALS CO., INC.	285 SECOND STREET	EVERETT
STATION 131	346-360 EAST EAGLE STREET	BOSTON
GULF OIL TERMINAL	281 EASTERN AVE.	CHELSEA
PARKING LOT REPAVING PROJECT	525 MCCLELLAN HIGHWAY	BOSTON
CLIPPERSHIP WHARF	125/133 SUMNER STREET	EAST BOSTON
STAYBRIDGE REVERE	245 REVERE BEACH PARKWAY	REVERE
FEDEX	201 LEE BURBANK HIGHWAY	REVERE
50 OCEAN AVE / 21 REVERE BEACH BOULEVARD	50 OCEAN AVE / 21 REVERE BEACH BOULEVARD	REVERE
MASSDOT CHELSEA VIADUCT REHABILITATION PROJECT	US ROUTE 1	CHELSEA
LOGAN INTL AIRPORT TERMINAL C CANOPY AND CENTRAL/WEST GARAGE ACCESS ROADWAYS	300 TERMINAL C	EAST BOSTON
BEACHMONT VFW	150 BENNINGTON STREET	REVERE
TERMINAL E MODERNIZATION	LOGAN INTERNATIONAL AIRPORT	EAST BOSTON
ROCK CHAPEL MARINE	99 MARGINAL STREET	CHELSEA
GLOBAL PETROLEUM TERMINAL	140 LEE BURBANK HIGHWAY	REVERE
130 EASTERN AVENUE, CHELSEA	130 EASTERN AVENUE	CHELSEA
GULF OIL TERMINAL CHELSEA	281 EASTERN AVENUE	CHELSEA
IRVING OIL TERMINAL	41 LEE BURBANK HIGHWAY	REVERE
SOLDIERS' HOME IN CHELSEA	91 CREST AVENUE	CHELSEA
DEMOLITION AND CONSTRUCTION - CATAMOUNT MANAGEMENT	204 MAPLE STREET	CHELSEA
NEW EAST BOSTON POLICE STATION	338 E EAGLE ST	BOSTON
BOSTON BOAT WORKS LLC	333 TERMINAL STREET	BOSTON
205 REVERE BEACH PARKWAY	205 REVERE BEACH PARKWAY	REVERE
CHELSEA CREEK HEADWORKS UPGRADE	340 MARGINAL STREET	CHELSEA

COPPERSMITH VILLAGE	75 - 109 BORDER STREET	BOSTON
MWRA SECTION 687	100 FIRST AVE	NEWTON
MWRA - PHASE 5 VALVE RP-#6346	LYNN, REVERE, CHELSEA	CHELSEA
MAVERICK GARDENS/CARLTON'S WHA	MAVERICK STREET	EAST BOSTON
THE CHAIN FORGE HOTEL	105 FIRST AVENUE	CHARLESTOWN
ROAD IMPROVEMENTS AND RELATED WORK ON NORTH SHORE RD. AND GARFIELD AVE.	NORTH SHORE ROAD	REVERE
SUFFOLK DOWNS INTERIM SOILS MANAGEMENT PROJECT	525 MCCLELLAN HIGHWAY	REVERE
SUFFOLK DOWNS INTERIM SOILS MANAGEMENT PROJECT	525 MCCLELLAN HIGHWAY	REVERE
MCCLELLAN HIGHWAY DEVELOPMENT COMPANY, LLC	111 WALDEMAR AVENUE	EAST BOSTON
SEAPORT SQUARE BLOCK L4	50 EAST SERVICE ROAD	BOSTON
99 SUMNER STREET	99 SUMNER STREET	EAST BOSTON
SOLDIERS' HOME IN CHELSEA	91 CREST AVENUE	CHELSEA
STATION 131	LOT 2 CONDOR STREET	BOSTON

Risk Management Plan Facilities

NAME	ADDRESS	CITY
KAYEM FOODS INC.	75 ARLINGTON STREET	CHELSEA
NEW ENGLAND CONFECTIONERY COMPANY	135 AMERICAN LEGION HIGHWAY	REVERE

Hazardous Waste Treatment Storage and Dispoal (TSDF) Facilities

NAME	ADDRESS	CITY
GLOBAL COMPANIES LLC	101 LEE BURBANK HWY	REVERE
GLOBAL COMPANIES LLC	140 LEE BURBANK HWY	REVERE
GLOBAL COMPANIES LLC	49 LEE BURBANK HWY	REVERE
GLOBAL COMPANIES LLC	71 LEE BURBANK HWY	REVERE
IRVING OIL TERMINALS INC	41 LEE BURBANK HWY	REVERE
GULF OIL LIMITED PARTNERSHIP	281 EASTERN AVE	CHELSEA
BSI INSPECTORATE	2 WILLIAMS ST	CHELSEA
EXXONMOBIL OIL CORP 20-001	467 CHELSEA ST	EAST BOSTON
EXXONMOBIL OIL CORP 20-001	467 CHELSEA ST	EAST BOSTON
SUNOCO PARTNERS MARKETING AND TERMINALS	467 CHELSEA ST	EAST BOSTON
MASS GENERAL HOSPITAL	BLDG 149 13TH ST	CHARLESTOWN

RCRA Large Quantity Generator Facilities

NAME	ADDRESS	CITY
CVS PHARMACY 0109	1010 REVERE BEACH	CHELSEA
BSI INSPECTORATE	2 WILLIAMS ST	CHELSEA
MASSACHUSETTS GENERAL HOSPITAL EAST	149 THIRTEENTH ST	BOSTON (CHARLESTOWN)
CVS PHARMACY 0496	324 BROADWAY ST	CHELSEA
CVS PHARMACY 0619	1150 SARATOGA ST	BOSTON
CVS PHARMACY 1265	210 BORDER ST	BOSTON-EAST BOSTON
BROADWAY HOTEL	1012-1018 BROADWAY	CHELSEA
201 ROVER ST	201 ROVER ST	EVERETT
TARGET T1942	36 FURLONG DR	REVERE
GLOBAL PETROLEUM TERMINAL	140 LEE BURBANK HIGHWAY	REVERE
THE ROPEWALK	58 13TH ST	CHARLESTOWN
37 MARGINAL	37 MARGINAL ST	CHELSEA
GULF OIL TERMINAL	281 EASTERN AVE.	CHELSEA
FORMER MOBIL EAST BOSTON LUBE PLANT	580 CHELSEA ST	BOSTON
GLOBAL REVCO TERMINAL	101/201 LEE BURBANK HIGHWAY	REVERE
IRVING OIL TERMINAL	41 LEE BURBANK HIGHWAY	REVERE
SUNOCO LOGISTICS EAST BOSTON TERMINAL	467 CHELSEA ST	BOSTON (EAST BOSTON)

Toxic Release Inventory Facilities

NAME	ADDRESS	CITY
BOSFUEL FUEL DISTRIBUTION FACILITIES - LOGAN AIRPORT	196 PRESCOTT ST & AIRPORTWIDE	BOSTON (EAST BOSTON)
WATER CHEMICALS INC	155 6TH ST.	CHELSEA
CHELSEA CLOCK LLC	284 EVERETT AVE.	CHELSEA
GLOBAL REVCO TERMINAL	101/201 LEE BURBANK HIGHWAY	REVERE
NUBRITE CHEMICAL KYANIZE PAINTS DIV	342 SECOND STREET	EVERETT
GLYPTAL INC	305 EASTERN AVENUE	CHELSEA
MERRILL COMMUNICATIONS LLC	40 COMMERCIAL STREET	EVERETT
SUNOCO LOGISTICS EAST BOSTON TERMINAL	467 CHELSEA ST	BOSTON (EAST BOSTON)
ALLIED INDUSTRIES	201 ROVER STREET	EVERETT
IRVING OIL TERMINAL	41 LEE BURBANK HIGHWAY	REVERE
CHELSEA SANDWICH PETROLEUM STORAGE FACILITY	11 BROADWAY	CHELSEA
AMERICAN FINISH & CHEMICAL CORP	1012 BROADWAY	CHELSEA
BILTRITE CORP THE	31 HIGHLAND AVENUE	CHELSEA

UNITED STATES GYPSUM	200 TERMINAL STREET	BOSTON
GLOBAL PETROLEUM TERMINAL	140 LEE BURBANK HIGHWAY	REVERE
GLOBAL SOUTH TERMINAL	49/96 LEE BURBANK HIGHWAY	REVERE
MARSON CORPORATION	130 CRESCENT AVENUE	CHELSEA
ACORDA THERAPEUTICS	190 EVERETT AVE	CHELSEA
GULF OIL TERMINAL	281 EASTERN AVE.	CHELSEA
KAYEM FOODS	75 ARLINGTON ST	CHELSEA
FORMER MOBIL EAST BOSTON LUBE PLANT	580 CHELSEA ST	BOSTON
MODINE NORTHEAST INC	25 ARLINGTON STREET	CHELSEA
US AIRWAYS - HANGER	180 PRESCOTT ST	BOSTON
EMTEX	181 SPENCER AVENUE	CHELSEA

Facilities Issued Major Air Permits

NAME	ADDRESS	CITY
GLOBAL PETROLEUM TERMINAL	140 LEE BURBANK HIGHWAY	REVERE
GULF OIL TERMINAL	281 EASTERN AVE.	CHELSEA
SUNOCO LOGISTICS EAST BOSTON TERMINAL	467 CHELSEA ST	BOSTON (EAST BOSTON)
UNITED STATES GYPSUM	200 TERMINAL STREET	BOSTON
MERRILL COMMUNICATIONS LLC	40 COMMERCIAL STREET	EVERETT
IRVING OIL TERMINAL	41 LEE BURBANK HIGHWAY	REVERE

Facilities Issued Minor Air Permits

NAME	ADDRESS	CITY
NEW ENGLAND CONFECTIONERY COMPANY PLANT	135 AMERICAN LEGION HIGHWAY	REVERE
ROCK CHAPEL MARINE	99 MARGINAL STREET	CHELSEA
CHELSEA CLOCK LLC	284 EVERETT AVE.	CHELSEA
MASSACHUSETTS GENERAL HOSPITAL EAST	149 THIRTEENTH ST	BOSTON (CHARLESTOWN)
KAYEM FOODS	75 ARLINGTON ST	CHELSEA
AMERICAN ARCHITECTURAL IRON	80 LIVERPOOL ST B459	BOSTON
CAPITOL WASTE SERVICES, INC	12222 BENNINGTON ST	BOSTON, CITY OF
RUDI FOODS	270 2ND STREET	CHELSEA
LIFECYCLE RENEWABLES	9 COMMERCIAL ST	EVERETT
AT&T MOBILITY	150 WILLIAM F MCCLELLAN HWY	BOSTON
CHELSEA SANDWICH PETROLEUM STORAGE FACILITY	11 BROADWAY	CHELSEA
REVERE HIGH SCHOOL	101 SCHOOL ST	REVERE

TILL BUILDING	241-265 BROADWAY	CHELSEA
LAFARGE BUILDING MATERIALS INC	285 MEDFORD STREET	BOSTON (CHARLESTOWN)
ALLIED INDUSTRIES	201 ROVER STREET	EVERETT
US AIRWAYS - HANGER	180 PRESCOTT ST	BOSTON
BOSTON BOAT WORKS	333 TERMINAL ST	CHARLESTOWN
QUALITY METAL FINISHING INC	96 LIBRARY STREET	CHELSEA
FRANKIES CLEANERS	69 MAVERICK SQ	BOSTON
RAPID FLOW	85 CRESCENT AVE	CHELSEA
CHELSEA HIGH SCHOOL	299 EVERETT AVENUE	CHELSEA
SIGNATURE BREADS INC.	365 BEACHAM ST	CHELSEA
GLYPTAL INC	305 EASTERN AVENUE	CHELSEA
JSB INDUSTRIES	130 CRESENT AVENUE	CHELSEA
MAVERICK LANDING PHASE I	41 MAVERICK STREET	BOSTON
CLIFLEX BELLOWS CORPORATION	45W THIRD STREET	BOSTON
NOVELTY BIAS BIND CO	11 WEBSTER AVENUE	CHELSEA
THOMAS STRAHAN INC	150 HEARD STREET	CHELSEA
ABRAHAM LINCOLN SCHOOL	68 TUCKERMAN STREET	REVERE
MBTA ORIENT HEIGHTS CARHOUSE	1069 BENNINGTON ST	BOSTON
LSG SKYCHIEFS	5 WOOD ISLAND PARK	BOSTON (EAST BOSTON)
LSG SKYCHIEFS	5 WOOD ISLAND PARK	BOSTON (EAST BOSTON)
NECCO CO-GENERATION PLANT	135 AMERICAN LEGION HIGHWAY	REVERE
MWRA CHELSEA CREEK HEADWORKS	340 MARGINAL ST	CHELSEA
CHELSEA CLEANERS	467 EASTERN AVE	CHELSEA
SYNTHON IND INCORPORATED	300 3RD STREET	CHELSEA
EMCO PRINTERS INCORP	99 EAST ELM ST.	EVERETT
GF REVERE INC	204 PROCTOR AVENUE	REVERE
MASSACHUSETTS BIOMEDICAL RESEARCH CORP	114 16TH ST NAVAL YARD	BOSTON, CITY OF
WHITMOR COMPANY INC	1 WHITMORE ROAD	REVERE
MWRA CENTRAL MAINTENANCE FACILITY	20 ADDISON ST	BOSTON
MARSON CORPORATION	130 CRESCENT AVENUE	CHELSEA
PREFERRED FREEZER SERVICES	60 COMMERCIAL ST.	EVERETT
DURANT PERFORMANCE COATINGS INC	112 RAILROAD ST	REVERE
MWRA CARUSO PUMPING STATION	601 CHELSEA AVENUE	BOSTON
CHELSEA SOLDIERS HOME	91 CREST AVENUE	CHELSEA
ORIENT HEIGHTS HOUSING	220 WALDEMAR AVE.	BOSTON
CHARLESTOWN HOUSING	55 BUNKER HILL ST.	BOSTON (CHARLESTOWN)
AMERICAN AIRLINES	LOGAN INTERNATIONAL AIRPORT	BOSTON (EAST BOSTON)

GLOBAL REVCO TERMINAL	101/201 LEE BURBANK HIGHWAY	REVERE
CRESCENT AVENUE REALTY TRUST	224 CRESCENT AVENUE	CHELSEA
SUMMIT PRESS INC	240 ARLINGTON ST.	CHELSEA
NEW ENGLAND CASKET COMPANY	1141 BENNINGTON ST	BOSTON
EMERY WORLDWIDE	280 EASTERN AVE	CHELSEA
CONTINENTAL CLEANERS	15A BREED ST	BOSTON

Superfund/Non-National Priority List Sites

NAME	ADDRESS	CITY
FORBES LITHOGRAPHIC CO (FORMER)	1 FORBES STREET	CHELSEA
LAWRENCE METALS (FORMER)	145 - 155 BEECH STREET	CHELSEA
NECCO CO-GENERATION PLANT	135 AMERICAN LEGION HIGHWAY	REVERE
HY-SIL MANUFACTURING	24 SPRING AVENUE	REVERE
LAWRENCE METALS (FORMER)	145 - 155 BEECH STREET	CHELSEA
COAL TAR PROCESSING FACILITY (FORMER)	COMMERCIAL STREET	EVERETT

Attachment C

EJ Screen Standard Report for the Study Area

EJSCREEN Report (Version 2019)

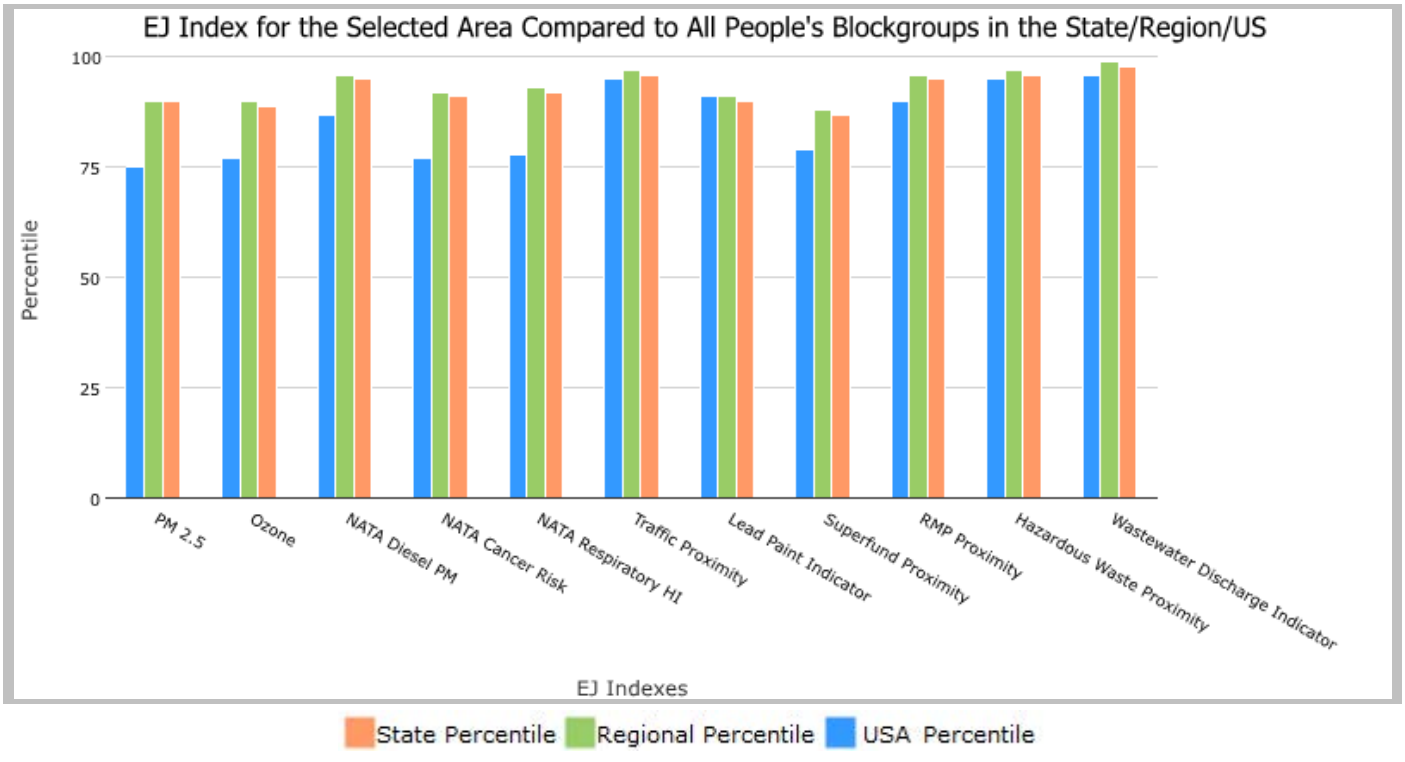
the User Specified Area, MASSACHUSETTS, EPA Region 1

Approximate Population: 112,782

Input Area (sq. miles): 8.98

(The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5			
EJ Index for Ozone			
EJ Index for NATA* Diesel PM			
EJ Index for NATA* Air Toxics Cancer Risk			
EJ Index for NATA* Respiratory Hazard Index			
EJ Index for Traffic Proximity and Volume			
EJ Index for Lead Paint Indicator			
EJ Index for Superfund Proximity			
EJ Index for RMP Proximity			
EJ Index for Hazardous Waste Proximity			
EJ Index for Wastewater Discharge Indicator			



This report shows the values for environmental and demographic indicators and EJSCREEN indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

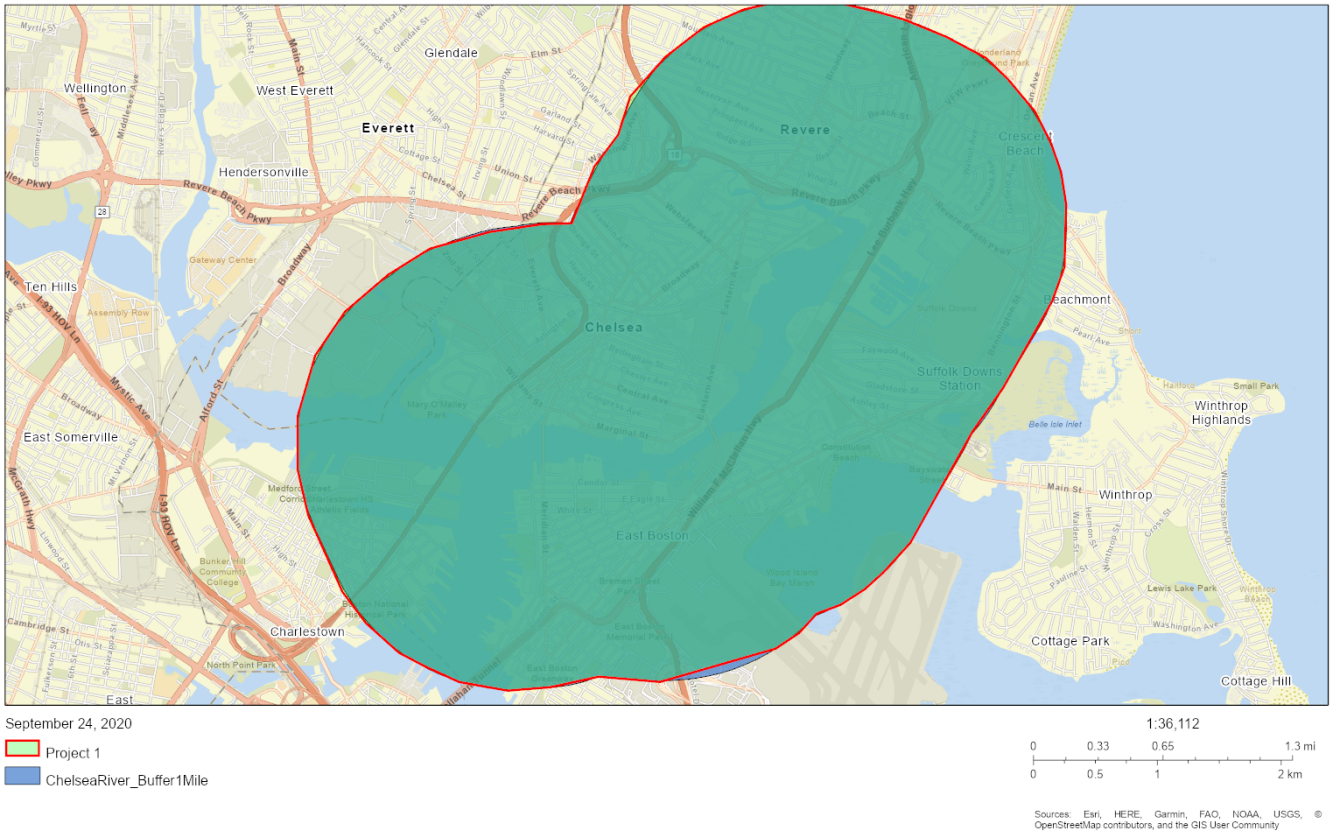
EJSCREEN Report (Version 2019)

the User Specified Area, MASSACHUSETTS, EPA Region 1

Approximate Population: 112,782

Input Area (sq. miles): 8.98

(The study area contains 1 blockgroup(s) with zero population.)



Sites reporting to EPA	
Superfund NPL	
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	

EJSCREEN Report (Version 2019)

the User Specified Area, MASSACHUSETTS, EPA Region 1

Approximate Population: 112,782

Input Area (sq. miles): 8.98

(The study area contains 1 blockgroup(s) with zero population.)

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in µg/m^3)	6.5	6.24	66	6.34	59	8.3	12
Ozone (ppb)	39.2	40.7	5	41.1	21	43	26
NATA* Diesel PM (µg/m^3)	0.972	0.412	96	0.344	95-100th	0.479	90-95th
NATA* Cancer Risk (lifetime risk per million)	31	26	91	25	95-100th	32	50-60th
NATA* Respiratory Hazard Index	0.46	0.33	95	0.31	95-100th	0.44	50-60th
Traffic Proximity and Volume (daily traffic count/distance to road)	4100	1400	92	930	95	750	96
Lead Paint Indicator (% Pre-1960 Housing)	0.68	0.5	68	0.45	76	0.28	87
Superfund Proximity (site count/km distance)	0.069	0.17	35	0.15	37	0.13	54
RMP Proximity (facility count/km distance)	2	0.69	92	0.57	94	0.74	91
Hazardous Waste Proximity (facility count/km distance)	11	3.3	92	2.4	96	4	96
Wastewater Discharge Indicator (toxicity-weighted concentration/m distance)	0.37	0.14	97	0.24	97	14	93
Demographic Indicators							
Demographic Index	55%	25%	88	24%	89	36%	78
Minority Population	67%	27%	89	24%	90	39%	77
Low Income Population	44%	24%	84	25%	83	33%	71
Linguistically Isolated Population	24%	6%	94	5%	96	4%	95
Population With Less Than High School Education	29%	10%	92	9%	94	13%	88
Population Under 5 years of age	8%	5%	80	5%	81	6%	72
Population over 64 years of age	10%	15%	27	16%	23	15%	32

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: https://www.epa.gov/national-air-toxics-assessment.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

Attachment D

Appendix 3 to EPA's Response to Comments attached to the final 2014 NPDES permits for the Facilities

APPENDIX 3

Selected Health Disparities for the Greater Boston Region[a]

Table 1: 2005 Population in Cities Comprising the Boston Region[a]

	City of Boston	Brookline	Chelsea	Revere	Winthrop
Population	558,435	56,422	34,128	45,551	17,067

Notes:
[a]Boston Region includes Boston, Chelsea, Revere, Winthrop and Brookline.
Source: Racial and Ethnic Health Disparities by EOHHS Regions in Massachusetts: Greater Boston Region (pgs 282-330). MA DPH, Nov. 2007.
http://www.mass.gov/eohhs/docs/dph/research-epi/disparity-report.pdf

Table 2: Race and Ethnic Breakdown of Population in Cities in Boston Region and Massachusetts (2005)

Values in Percent

Racial Hispanic Group	City of Boston	Brookline	Chelsea	Revere	Winthrop	Boston Region[a]	MA Total
White*	49.8	73	35.9	81.6	93.9	54.1	81
Black*	25	4.2	5.6	2.5	1.5	20.4	6
Hispanic	16.4	4.8	53.3	10.5	3.1	16.6	7.9
Asian*	8.4	17.9	5	5.2	1.3	8.6	4.9
American Indian*	0.3	0.1	0.3	0.2	0.2	0.3	0.2

Notes:
*Non-Hispanics
[a]Boston Region includes Boston, Chelsea, Revere, Winthrop and Brookline.
Source: Racial and Ethnic Health Disparities by EOHHS Regions in Massachusetts: Greater Boston Region (pgs 282-330). MA DPH, Nov. 2007.
http://www.mass.gov/eohhs/docs/dph/research-epi/disparity-report.pdf

Table 3: Population by Age Group
in Cities in Boston Region and Massachusetts (2005)
Values in Percent

Racial Hispanic Group	City of Boston	Brookline	Chelsea	Revere	Winthrop	Boston Region[a]	MA Total
0-19 yrs	24	19	30	23	21	23	26
20-24 yrs	11	10	7	5	5	10	7
25-44 yrs	35	34	35	33	34	35	29
45-64 yrs	20	25	18	23	25	20	25
65+ yrs	11	12	11	16	16	11	13

Notes:
[a]Boston Region includes Boston, Chelsea, Revere, Winthrop and Brookline.
Source: Racial and Ethnic Health Disparities by EOHHS Regions in Massachusetts: Greater Boston Region (pgs 282-330). MA DPH, Nov. 2007.
http://www.mass.gov/eohhs/docs/dph/research-epi/disparity-report.pdf

Table 4: Select Health Disparities for the Greater Boston Region by Race and Ethnicity

Endpoint	Boston Region[a]	Massachusetts
Premature Mortality Rate[b] by Race and Ethnicity 2003-2005 (deaths/100,000)		
White Non-Hispanic	383	321
Black Non-Hispanic	516	487
Hispanic	257	298
Asian Non-Hispanic	180	154
Adults who Reported Fair or Poor Health by Race and Ethnicity 2005		
White Non-Hispanic	13.4%	12.3%
Black Non-Hispanic	16.9%	16.5%

Hispanic	0.6%	23.5%
Infant Mortality Rates 2003-2005 (deaths/100,000 live births)		
White Non-Hispanic	3.2	4.1
Black Non-Hispanic	11.6	11.2
Hispanic	6.2	7.0
Asian Non-Hispanic	2.1	3.0
Female Breast Cancer Mortality Rates 2001-2005 (deaths/100,000)		
White Non-Hispanic	28	25
Black Non-Hispanic	32	29
Hispanic	12	13
Asian Non-Hispanic	9	7
Lung Cancer Mortality Rates 2001-2005 (deaths/100,000)		
White Non-Hispanic	63	55
Black Non-Hispanic	54	54
Hispanic	14	20
Asian Non-Hispanic	34	29
Asthma Emergency Department Visit Rates, Children Ages 0-14, 2005 (visits/100,000)		
White Non-Hispanic	592	516
Black Non-Hispanic	3111	2096
Hispanic	1799	1573
Asian Non-Hispanic	623	356
Diabetes Hospital Discharge Rate 2003-2005 (hospitalizations/100,000)		
White Non-Hispanic	136	114
Black Non-Hispanic	416	368
Hispanic	239	242
Asian Non-Hispanic	54	45
Diabetes Death Rate 2003-2005 (deaths/100,000)		
White Non-Hispanic	20	17
Black Non-Hispanic	37	38

Hispanic	15	29
Asian Non-Hispanic	12	14
Hospital Discharge Rate for Hypertension 2003-2005 (hospitalizations/100,000)		
White Non-Hispanic	38	28
Black Non-Hispanic	207	176
Hispanic	114	89
Asian Non-Hispanic	45	33
Heart Disease Death Rate by Race/Ethnicity 2003-2005 (deaths/100,000)		
White Non-Hispanic	188	185
Black Non-Hispanic	196	209
Hispanic	85	104
Asian Non-Hispanic	68	68

Notes:
[a]Greater Boston Region includes Boston, Chelsea, Revere, Winthrop and Brookline.
[b]Premature mortality represents deaths before age 75.

Sources for Appendix 3: Racial and Ethnic Health Disparities by EOHHS Regions in Massachusetts: Greater Boston Region (pgs 282-330). MA DPH, Nov. 2007. http://www.mass.gov/eohhs/docs/dph/research-epi/disparity-report.pdf.