Save as PDF

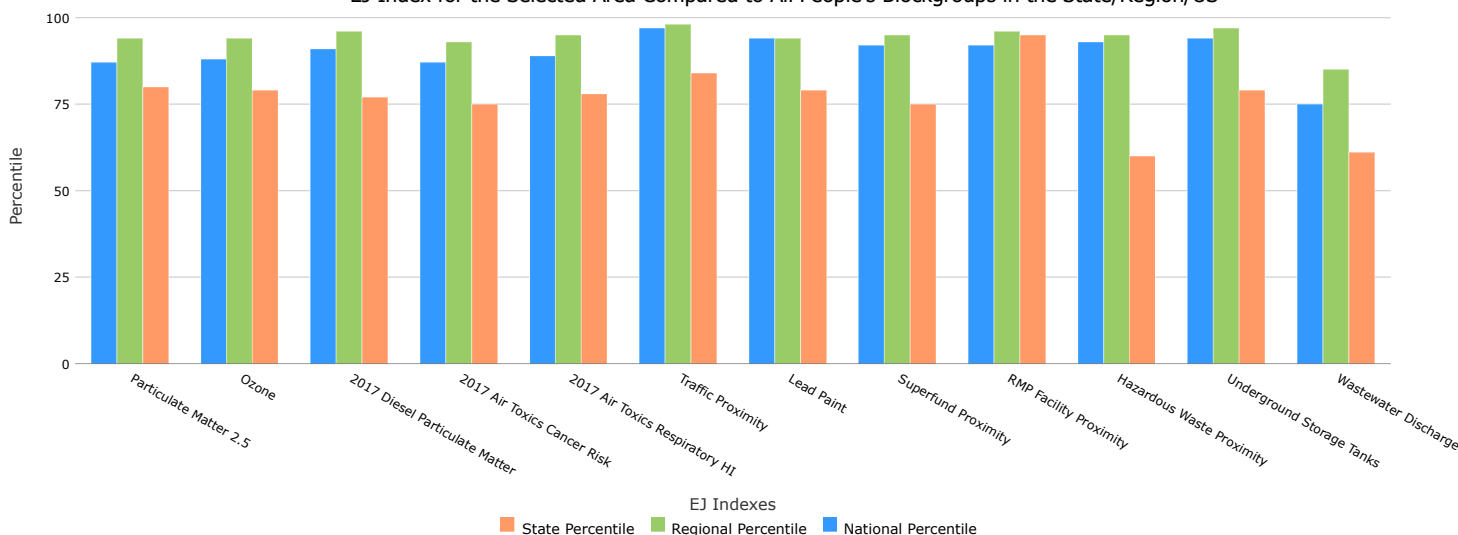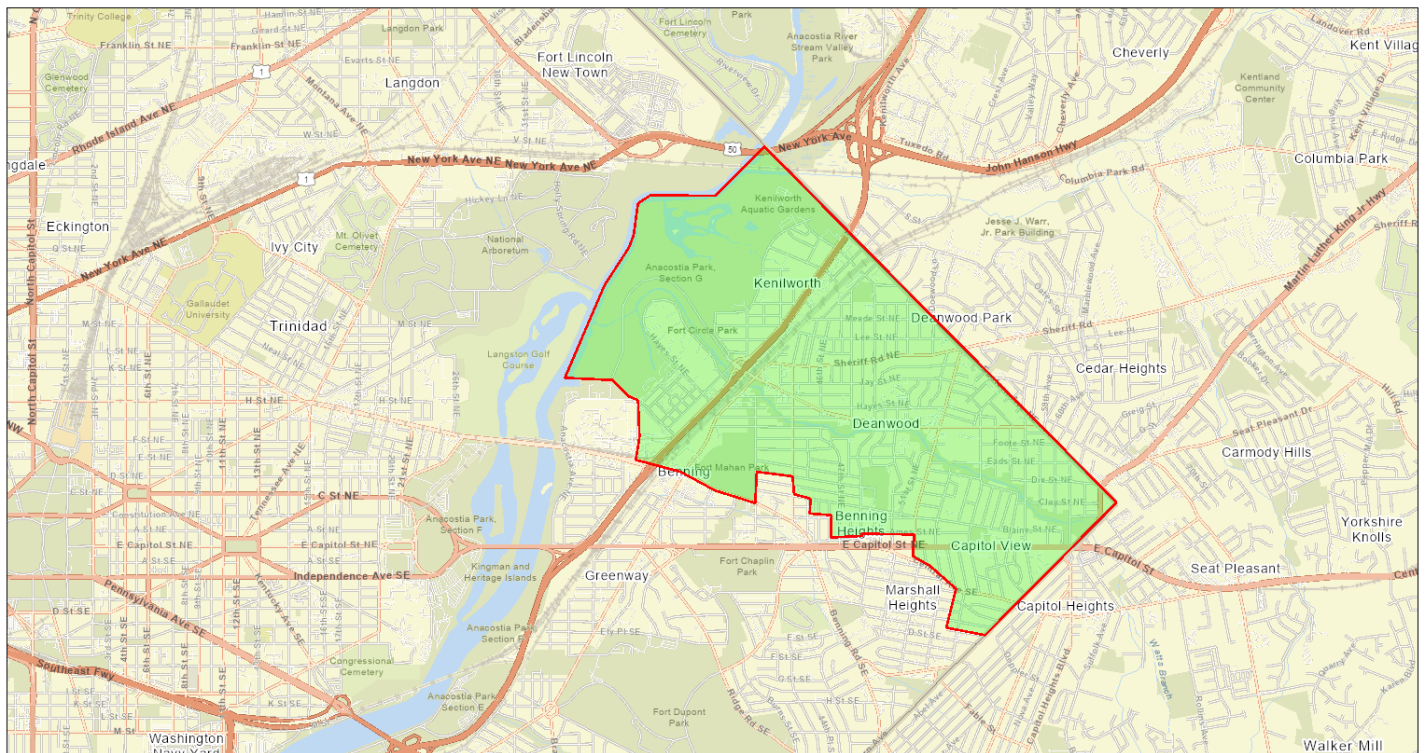**EPA** United States Environmental Protection Agency

EJScreen Report (Version 2.0)
the User Specified Area
DISTRICT OF COLUMBIA, EPA Region 3
Approximate Population: 28,427
Input Area (sq. miles): 3.03
Sewer Correction Project Area

Selected Variables	Percentile in State	Percentile in EPA Region	Percentile in USA
Environmental Justice Indexes			
EJ Index for Particulate Matter 2.5	80	94	87
EJ Index for Ozone	79	94	88
EJ Index for 2017 Diesel Particulate Matter*	77	96	91
EJ Index for 2017 Air Toxics Cancer Risk*	75	93	87
EJ Index for 2017 Air Toxics Respiratory HI*	78	95	89
EJ Index for Traffic Proximity	84	98	97
EJ Index for Lead Paint	79	94	94
EJ Index for Superfund Proximity	75	95	92
EJ Index for RMP Facility Proximity	95	96	92
EJ Index for Hazardous Waste Proximity	60	95	93
EJ Index for Underground Storage Tanks	79	97	94
EJ Index for Wastewater Discharge	61	85	75

EJ Index for the Selected Area Compared to All People's Blockgroups in the State/Region/US

EJ Indexes
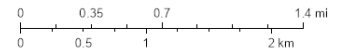State Percentile   Regional Percentile   National Percentile

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.

April 5, 2022

■ Sewer Correction Project Area

1:36,112

0	0.35	0.7		1.4 mi
0	0.5	1		2 km

DCGIS, M-NCPPC, VGIN, Esri, HERE, Garmin, SafeGraph,
GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census
Bureau, USDA

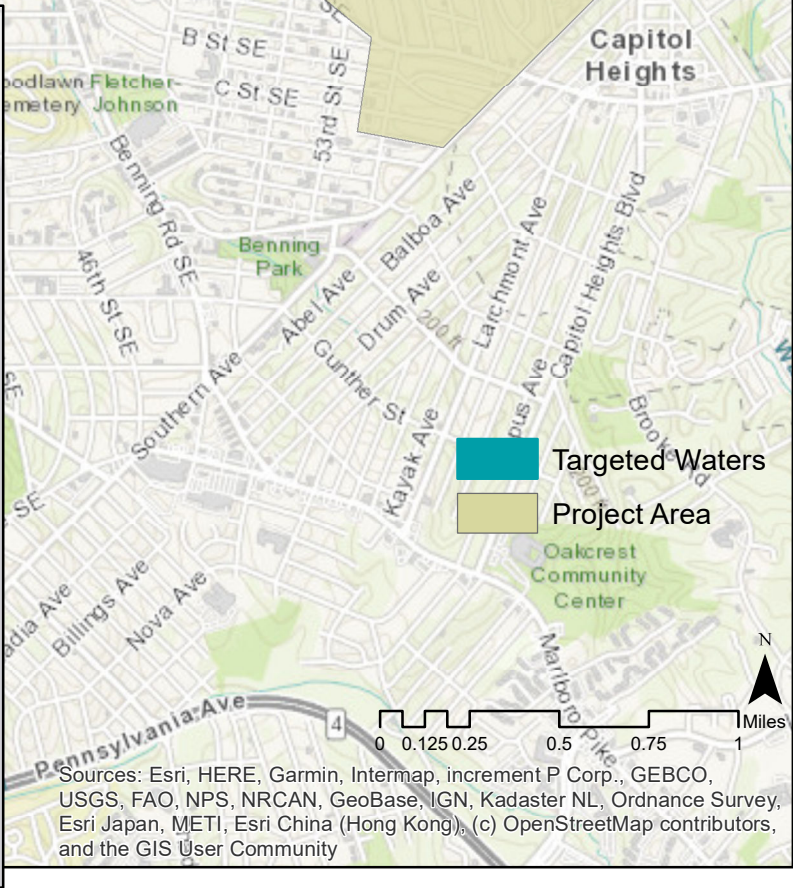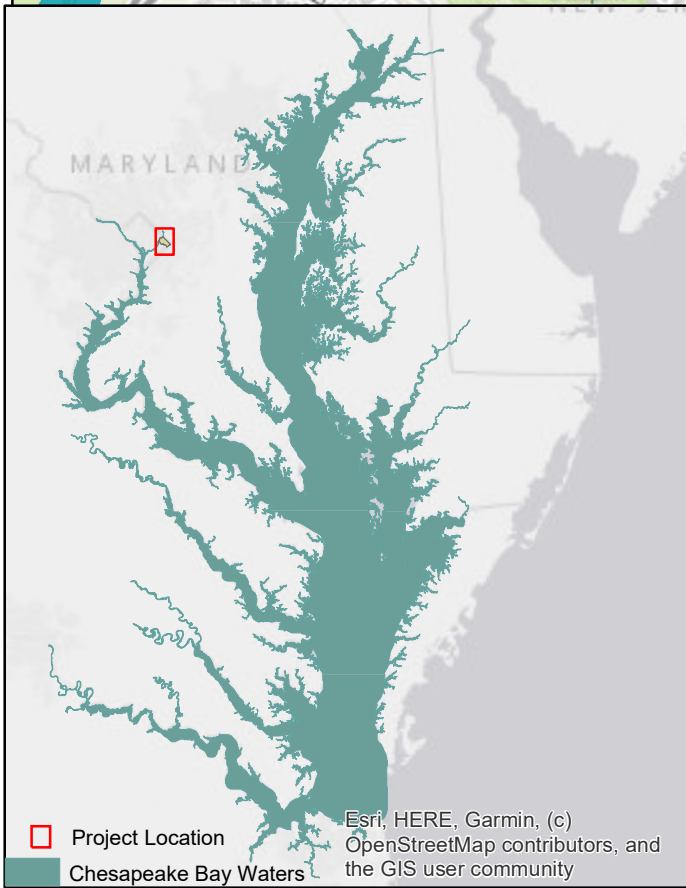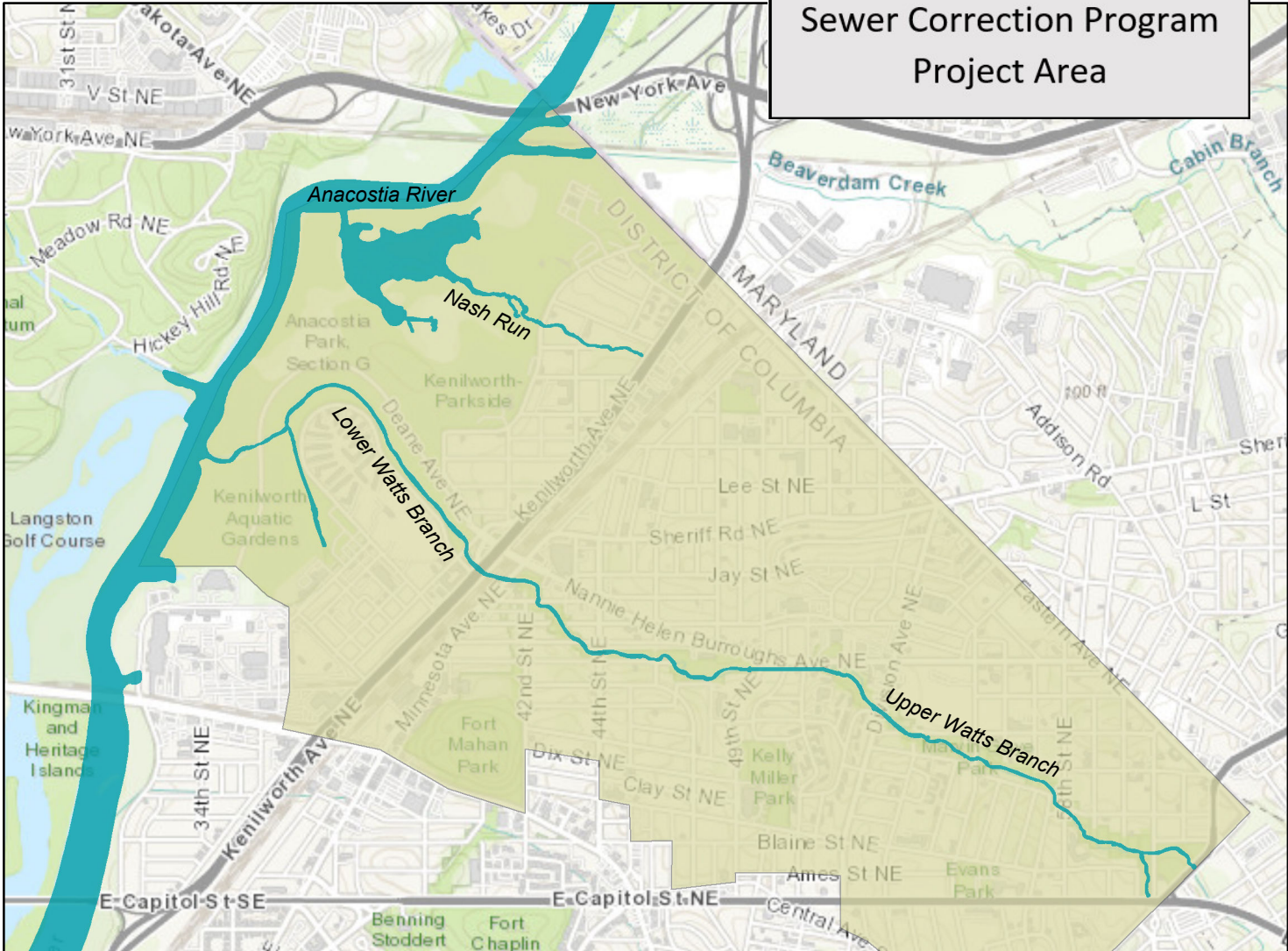| Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

Selected Variables	Value	State		EPA Region		USA	
		Avg.	%tile	Avg.	%tile	Avg.	%tile
Pollution and Sources							
Particulate Matter 2.5 (µg/m³)	8.56	8.62	18	8.2	63	8.74	48
Ozone (ppb)	42	42.9	11	41.9	48	42.6	47
2017 Diesel Particulate Matter* (µg/m³)	0.463	0.534	20	0.267	90-95th	0.295	80-90th
2017 Air Toxics Cancer Risk* (lifetime risk per million)	30	36	37	30	80-90th	29	80-90th
2017 Air Toxics Respiratory HI*	0.42	0.47	41	0.34	95-100th	0.36	80-90th
Traffic Proximity (daily traffic count/distance to road)	2700	3600	52	680	94	710	94
Lead Paint (% Pre-1960 Housing)	0.51	0.58	34	0.35	71	0.28	78
Superfund Proximity (site count/km distance)	0.18	0.24	55	0.15	80	0.13	83
RMP Facility Proximity (facility count/km distance)	1.4	0.65	93	0.63	87	0.75	84
Hazardous Waste Proximity (facility count/km distance)	4.4	17	9	1.9	88	2.2	86
Underground Storage Tanks (count/km²)	8.9	12	46	2.7	92	3.9	87
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0002	0.0014	19	33	41	12	36
Socioeconomic Indicators							
Demographic Index	72%	46%	79	30%	95	36%	91
People of Color	98%	63%	87	33%	97	40%	96
Low Income	46%	28%	74	27%	83	31%	76
Unemployment Rate	19%	7%	88	5%	96	5%	96
Linguistically Isolated	1%	3%	51	3%	60	5%	49
Less Than High School Education	15%	9%	73	10%	76	12%	69
Under Age 5	7%	7%	58	6%	68	6%	64
Over Age 64	12%	12%	58	16%	34	16%	40

*Diesel particulate matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's 2017 Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: https://www.epa.gov/haps/air-toxics-data-update. (https://www.epa.gov/haps/air-toxics-data-update)

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

Sewer Correction Program
Project Area

Anacostia River

Nash Run

Lower Watts Branch

Upper Watts Branch

DISTRICT OF COLUMBIA

MARYLAND

Beaverdam Creek

Cabin Branch

Targeted Waters

Project Area

MARYLAND

Project Location

Chesapeake Bay Waters

N

0 0.125 0.25   0.5   0.75   1
Miles

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

Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community