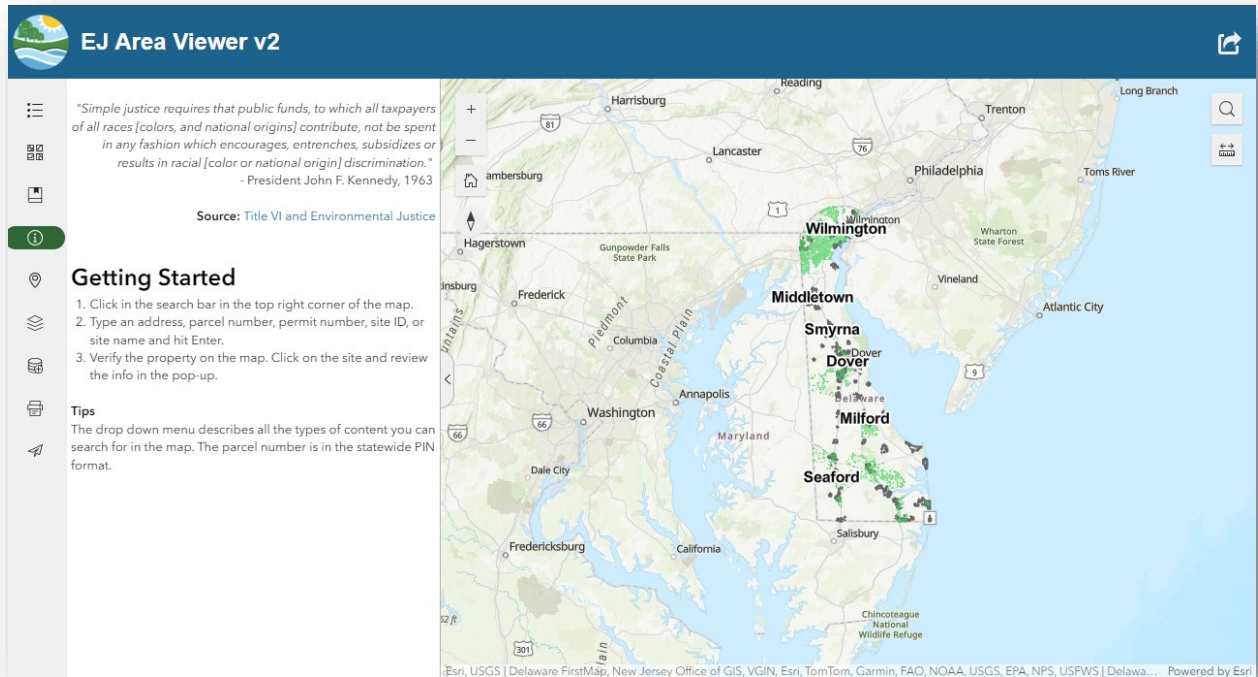


EJ Area Viewer

Data Cheat Sheet

Version 2



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







Data Resources Cheat Sheet

FirstMap Data

























<https://firstmap.delaware.gov/>














Symbology	Layer Name	Description
<p>Agriculture Wells</p> <ul style="list-style-type: none"> Agricultural - Within CPCN Agricultural - Standard <p>Construction</p> <ul style="list-style-type: none"> Dewater - Standard Soil Borings - Standard <p>Geothermal Wells</p> <ul style="list-style-type: none"> Geothermal - Closed Loop Geothermal - Recharge Geothermal - Supply Geothermal - Direct Exchange <p>Monitoring Wells</p> <ul style="list-style-type: none"> Monitor - Standard Observation - Standard Monitor - Direct Push Monitor - Zone of Interest <p>Private Wells</p> <ul style="list-style-type: none"> Domestic - Standard Irrigation - Standard <p>Remediation</p> <ul style="list-style-type: none"> Remediation I - Injection Remediation R - Recovery Other <p>Septic Soil Borings</p> <ul style="list-style-type: none"> Septic Soil Borings 	<p>Non-Public Wells</p>	<p>Location of wells that are not associated with a Public Water System.</p>
	<p>Wellhead Protection Areas</p>	<p>Delineated wellhead protection areas around public water supply wells. Wellhead areas are either modeled using specific groundwater modeling software or a fixed radius from the well is applied. The statewide minimum fixed radius is 150 feet.</p>
	<p>Saltwater Tidal Buffer</p>	<p>The saltwater tidal boundary as determined for Delaware's updated National Wetlands Inventory for tidal wetlands.</p>

Symbology	Layer Name	Description
 Zone A - Active Site  Zone B - Active Site  Zone A - Inactive Site  Zone B - Inactive Site	Biosolids and Residuals	This layer includes land application sites where non-hazardous waste residuals were beneficially reused via land application. For sites where beneficial reuse of wastewater via spray irrigation has been approved, please see the Spray Irrigation layer.
 Animal Operations  Combined Sewer Overflow  Dredge Spoil Disposal Areas  Hazardous Waste Generators  Landfills & Dumps  Large On-site Septic Systems  Waste Water Outfalls  Pesticide Loading, Mixing & Storage  Salvage Yards  Spray Irrigation Sites  Tire Piles	Site Index Consolidated	Sites that have been identified as part of the Source Water Assessment and Protection Program that may present as a potential source of contamination in groundwater.
 Septic-UIC  Septic-NonUIC  Spray Irrigation	Large Systems	Sites where wastewater is applied to the ground.
 DOW-RPS,1 Zone  HSCA,1 Zone  SHWMB,1 Zone  TMB,1 Zone  RS, 1 Zone  RS, 1 Zone  Multiple,Zone A  Multiple,Zone B  RS,Zone A  RS,Zone A  RS,Zone B and Zone C  RS,Zone B and Zone C  TMB,Zone A  TMB,Zone B	Groundwater Management Zones	Groundwater Management Zones or "GMZs" delineate areas where the potential for degraded groundwater quality exists. Some GMZs place formal restrictions on well installations and groundwater usage. The GMZ coverage dates back to the 1990s, but it is periodically updated.
 No Wells  Zone A  Zone B	Sussex County Landfills	Sussex County Landfill Groundwater Management Zones (GMZs). The GMZs consist of three (3) concentric areas: No Wells zone; Zone A - unconfined wells may be pumped no more than 10 gpm; and Zone B - unconfined wells may be pumped no more than 100 gpm.


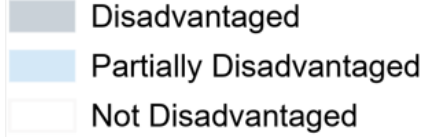

Data Resources Cheat Sheet: FirstMap Data

Symbology	Layer Name	Description
	Certified Brownfields	A brownfield is a property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.
	SIRS Site	Site Investigation and Restoration Section (SIRS) program site location.
	Underground Storage Tank	Location of Underground Storage Tanks (UST). Tank locations are updated as part of the daily business processes within the Division of Waste and Hazardous Substances.
<ul style="list-style-type: none">  Hazardous Waste Corrective Action Site  Hazardous Waste Generator  Infectious Waste  Salvage Yard  Solid Waste Landfill  Solid Waste Recycling  Solid/Infectious Waste Transfer Station  Unpermitted Landfills/Dumps 	Solid and Hazardous Waste	Solid and Hazardous Waste Sites from the Environmental Protection Agency. Waste site locations are updated by the EPA's RCRA reporting data.
<p>Tax Ditch Segments</p> <p>Class Type</p> <ul style="list-style-type: none">  Tax Ditch Channel  DeIDOT Maintained  HOA Maintained  Pipe - DeIDOT  Pipe - Tax Ditch  Pipe - Private  Pond Feature  Special Access ROW <p>Tax Ditch Maximum ROWs</p> <ul style="list-style-type: none">  Extent of Right-of-Way <p>Tax Ditch Areas</p> <ul style="list-style-type: none">  Approx. Watershed Boundary 	Tax Ditches	A tax ditch is a governmental subdivision of the State. It is a watershed-based organization of landowners formed by a prescribed legal process in Superior Court.
<ul style="list-style-type: none">  Moderate  Significant  Not EFA 	Delaware Equity Focus Areas	Areas in Delaware that have higher minority populations living in poverty as compared to State averages. For more information please visit: https://enterprise.firstmap.delaware.gov/arcgis/rest/services/Society/DE_Equity_Focus_Areas/FeatureServer

Symbology	Layer Name	Description
	Air Monitoring Stations	The Delaware air quality monitoring network includes permanent monitoring stations in all three counties. Eight of the permanent monitoring stations measure multiple pollutants with a focus on ozone monitoring. Three measure only particulate matter. Our Wilmington site monitors all criteria air pollutants and additional pollutants of interest.
	Irrigated Areas	Agriculture fields that have irrigation systems in place.
	SIRS Projects	Site Investigation and Restoration Section (SIRS) program project boundary.
	Leaking Underground Storage Tank	Location of Leaking USTs. Tank locations are updated as part of the daily business processes within the Division of Waste and Hazardous Substances.
	Communities	
	Municipalities	
<p>Supplemental Indexes Over 80 Percentile</p> <ul style="list-style-type: none">  0  1 - 3  4 - 6  7 - 9  10 - 13 	EJScreen Supplemental Index Exceedances 2024	<p>The Supplemental EJ Index is a combination of environmental and socioeconomic information. The socioeconomic factors included in the Supplemental Indexes are below:</p> <ul style="list-style-type: none"> • % Low Income • % Persons with Disabilities • % Limited English Speaking • % Less than High School Education • Low Life Expectancy <p>There are 13 Supplemental EJ Indexes in EJScreen reflecting the 13 environmental indicators below:</p> <ol style="list-style-type: none"> 1. Particulate Matter 2.5 2. Ozone 3. Diesel Particulate Matter 4. Nitrogen Dioxide (NO2) 5. Drinking Water Non-Compliance 6. Traffic Proximity 7. Lead Paint 8. RMP Facility Proximity 9. Hazardous Waste Proximity 10. Superfund Proximity

Symbology	Layer Name	Description
		<p>11. Underground Storage Tanks 12. Wastewater Discharge 13. Toxic Releases to Air</p> <p>Source: https://www.epa.gov/ejscreen/ej-and-supplemental-indexes-ejscreen</p>
<p>EJ Indexes over 80 Percentile</p> <ul style="list-style-type: none"> 0 1 - 3 4 - 6 7 - 9 10 - 13 	<p>EJScreen Index Exceedances 2024</p>	<p>The EJ Index is a combination of environmental and socioeconomic information. The socioeconomic factors included in the EJ Indexes are below:</p> <ul style="list-style-type: none"> • The traffic indicator • The low-income population • The people of color populations <p>There are 13 EJ Indexes reflecting the 13 environmental indicators below:</p> <ol style="list-style-type: none"> 1. Particulate Matter 2.5 2. Ozone 3. Diesel Particulate Matter 4. Nitrogen Dioxide (NO₂) 5. Drinking Water Non-Compliance 6. Traffic Proximity 7. Lead Paint 8. RMP Facility Proximity 9. Hazardous Waste Proximity 10. Superfund Proximity 11. Underground Storage Tanks 12. Wastewater Discharge 13. Toxic Releases to Air <p>Source: https://www.epa.gov/ejscreen/ej-and-supplemental-indexes-ejscreen</p>

ArcGIS Online Data

Symbology	Layer Name	Description
	Limited English Neighborhoods	Limited English % Neighborhoods in Delaware based on ACS2017 - 2021 5yr Language Spoken at Home data within residential land use areas Source: https://arcg.is/1S0GHy0
	Justice40 Tracts November 2022 Version 1.0	This layer assesses and identifies communities that are disadvantaged according to updated Justice40 Initiative criteria in the U.S. and its territories. Census tracts that meet the Version 1.0 criteria are shaded in semi-transparent blue colors to work with a variety of basemaps. Source: https://www.arcgis.com/home/item.html?id=f95344889cab44bd84207052f44cb940
	Parcels	<p>New Castle County Parcels Parcels shared in County basemaps. Source: https://gis.nccde.org/agsserver/rest/services/BaseMaps/Base_Layers/MapServer/0</p> <p>Kent County Parcels Kent County GIS parcel data available via their open data site, https://gis-kentcountyde.hub.arcgis.com/. Source: https://gis.kentcountyde.gov/server/rest/services/Parcels/Parcels/FeatureServer/0</p> <p>Sussex Parcels Parcels shared by County Geographic Information Office. Source: https://map.sussexcountyde.gov/trds/erver/rest/services/Geographic_Information_Office/Parcels_PIN/MapServer</p>