

EJMAP Update Notice

Effective 7/31/2024 to 1/30/2025

As part of the adoption of its Environmental Justice regulations, the New Jersey Department of Environmental Protection (NJDEP) committed to update data within the Environmental Justice Mapping, Assessment, and Protection (EJMAP) tool twice annually on a set schedule to ensure accuracy and transparency; January and July 31st of each year. Accordingly, NJDEP updated the EJMAP tool with new stressor data effective 7/31/24. This revised stressor layer now acts as the default for permit applications received on or after 7/31/24. However, previous stressor layers (4/11/23 – 7/30/23; 7/31/23 – 1/30/24; 1/31/24 – 7/30/24) are still hosted in the tool as “archived” layers for permit applications already in process. The Overburdened Community (OBC) and Adjacent Block Group (ABG) designations remain the same from the January 2024 update and utilize the 2022 U.S. American Community Survey (ACS) 5-Year dataset.

Stressor Dataset Updates:

The NJDEP updated several stressor datasets grouped into two categories: data that undergoes regular updates (e.g., daily, monthly) in NJDEP databases but is captured as a “snapshot in time” in EJMAP, and data publicly released annually or on a less frequent basis. While the former data category is automated; the latter is manual (e.g., data generated for reports). Those datasets updated in this release are listed below under their respective category. Table 1 provides a more detailed explanation of each updated dataset. For more information about the stressors in EJMAP, please see [the EJMAP Technical Guidance document](#).

Updated “snapshots” in time:

1. Known Contaminated Sites
2. Soil Contamination Deed Restrictions
3. Ground Water Classification Exception Area/Currently Known Extent Restrictions
4. Emergency Planning Sites
5. Lack of Recreational Open Space
6. Permitted Air Sites
7. Solid Waste Facilities
8. New Jersey Pollution Discharge Elimination System (NJPDES) Sites

Annual or Less Frequent Updates:

1. Drinking Water (Community Drinking water & Private Well Testing Act)
2. Traffic– Cars, Light- and Medium-Duty Trucks
3. Traffic – Heavy-Duty Trucks

The NJDEP will utilize the revised stressor layer, “EJ Combined Stressor Summary OBCs and ABGs (effective 07/31/24 to 01/30/25),” to evaluate relevant permits that come into the NJDEP on or after 7/31/24. Permits already in process prior to this date will continue to be evaluated based on the archived stressor layer that aligns with their date of submittal. For example, a permit that came in on 5/1/23 would use the archived stressor layer labeled “EJ Combined Stressor Summary OBCs and ABGs (effective 04/11/23 to 07/30/23)” in EJMAP.

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Functionality Updates:

The Department built previous versions of EJMAP in ArcGIS WebApp Builder and embedded it into an Experience Builder application. Since ERSI is retiring ArcGIS Web App Builder, the July 31, 2024 release of EJMAP is now entirely built in the Experience Builder application. While the transition slightly alters EJMAP's layout, the tool functions remain the same. In addition, the web URL for EJMAP will not change since the modifications occurred in the existing Experience Builder application.

The Department's Office of Enforcement Policy (OEP) maintains an Inspections, Violations, and Incidents by Site report accessible through DataMiner. To augment the information already in EJMAP, the report is now accessible for each Site through the pop-up configuration for each applicable facility within the Facilities Tab of EJMAP. A Site is defined as a single contiguous area, which may have common ownership or be under the same operational control, which has a potential or observed impact on public health and/or the environment requiring regulation by the Department. The report's objective is to provide an overview of how a Site is regulated and an understanding of whether it is meeting its permitted obligations. The report identifies finalized inspection reports for a site for the past five years and indicates whether violations were found. Additionally, it includes links to the actual inspection reports and enforcement actions.

The Department released a new GIS dataset that will always represent the newest version of the stressor summary. During the 6-month data updates, the existing data in the stressor layer will be copied to another feature class and the new data will be appended to the layer representing the newest version of stressor data. The objective of this change is to ensure users have the most recent data hosted in their tools and is easy to download. The dataset can be found on [ArcGIS Online \(AGO\)](#) and [New Jersey Geographic Information Network \(NJGIN\) Open Data](#).

For questions, please contact the following:

EJMAP Data or Tool Functionality – ejmapfeedback@dep.nj.gov

EJ-Related Permit Status or applicability – david.pepe@dep.nj.gov

General Environmental Justice – environmentaljustice@dep.nj.gov

Table 1: Updated Stressor Data

Category	Stressor	Date of Data	Source
Mobile Sources of Air Pollution	Traffic – Cars, Light- and medium-Duty Trucks	2022	U.S. Department of Transportation, Federal Highway (FHWA) Administration Highway Performance Monitoring System (HPMS)
Mobile Sources of Air Pollution	Traffic – Heavy-Duty Trucks	2022	FHWA HPMS
Contaminated Sites	Known Contaminated Sites (weighted sites/square mile)	7/3/2024	Known Contaminated Site List (KCSL) data
Contaminated Sites	Soil Contamination Deed Restrictions (percent area)	7/3/2024	NJDEP Deed Notice Extent in New Jersey data
Contaminated Sites	Ground Water Classification Exception Area (CEA) /Currently Known Extent Restrictions (CKE) (percent area)	7/3/2024	NJDEP CEA and CKE data
Transfer Stations or Other Solid Waste Facilities, Recycling Facilities, and Scrap Metal Facilities	Solid Waste Facilities	7/3/2024	Most recent NJDEP Solid & Hazardous Waste Facilities in New Jersey data
May Cause Potential Public Health Impacts	Drinking Water (public drinking water systems)	2023	2023 Annual Compliance Report on Public Water Systems
May Cause Potential Public Health Impacts	Drinking Water (private wells)	2023	Most recent NJDEP Private Well Testing Act Summary Results
May Cause Potential Public Health Impacts	Lack of Recreational Open Space	7/3/2024	Most recent NJDEP State, Local and Nonprofit Open Space of New Jersey data
Density/Proximity Stressors	Emergency Planning Sites	7/3/2024	Most recent NJDEP Facility Density Data
Density/Proximity Stressors	Permitted Air Sites (sites/square mile)	7/3/2024	NJDEP Facility Data
Density/Proximity Stressors	NJPDES Sites (sites/square mile)	7/3/2024	NJDEP Facility Data