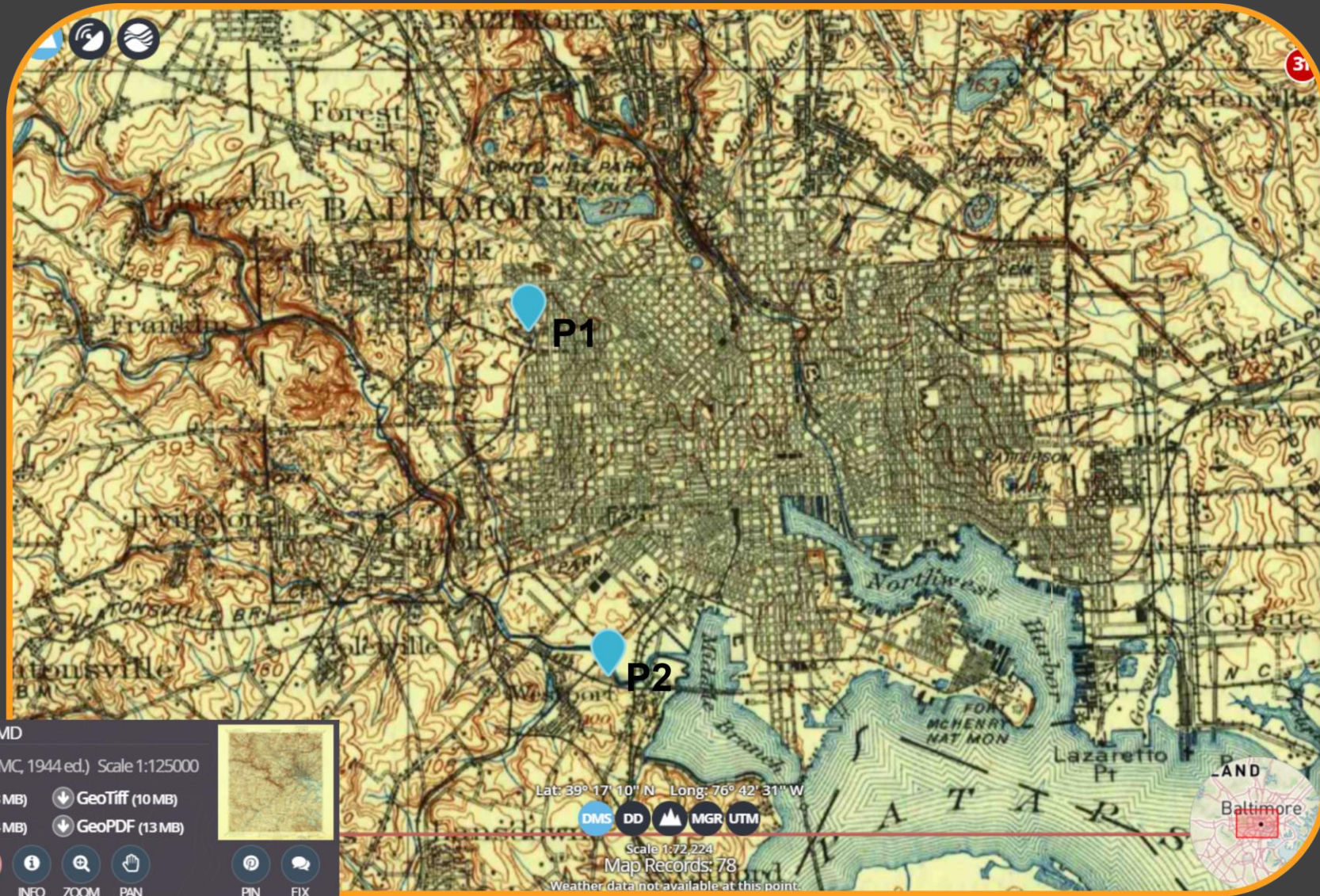


Environmental Justice Impacts on Mix Plant Permitting and Operations



ENVIRONMENTAL OUTLOOK/DRIVERS

- **Massive change from a year ago**
 - **Admin/EPA emboldened by carbon reduction / social equity**
 - **All is federal 'policy' but some states legislating / regulation**
 - **Current permitting focus on Env Justice but CO₂ might play**
- **Carbon reduction: product EPD and fuel consumption**
- **Environmental Justice**
 - **Disadvantaged should not bear disproportionate env impact**
 - **State agencies trying to incorporate into permitting**



Patapsco, MD

1908 (HTMC, 1944 ed.) Scale 1:125000

[JPEG \(3 MB\)](#)
[GeoTiff \(10 MB\)](#)

[KMZ \(4 MB\)](#)
[GeoPDF \(13 MB\)](#)

[HIDE](#)
[INFO](#)
[ZOOM](#)
[PAN](#)

[PIN](#)
[FIX](#)

MAP TRANSPARENCY

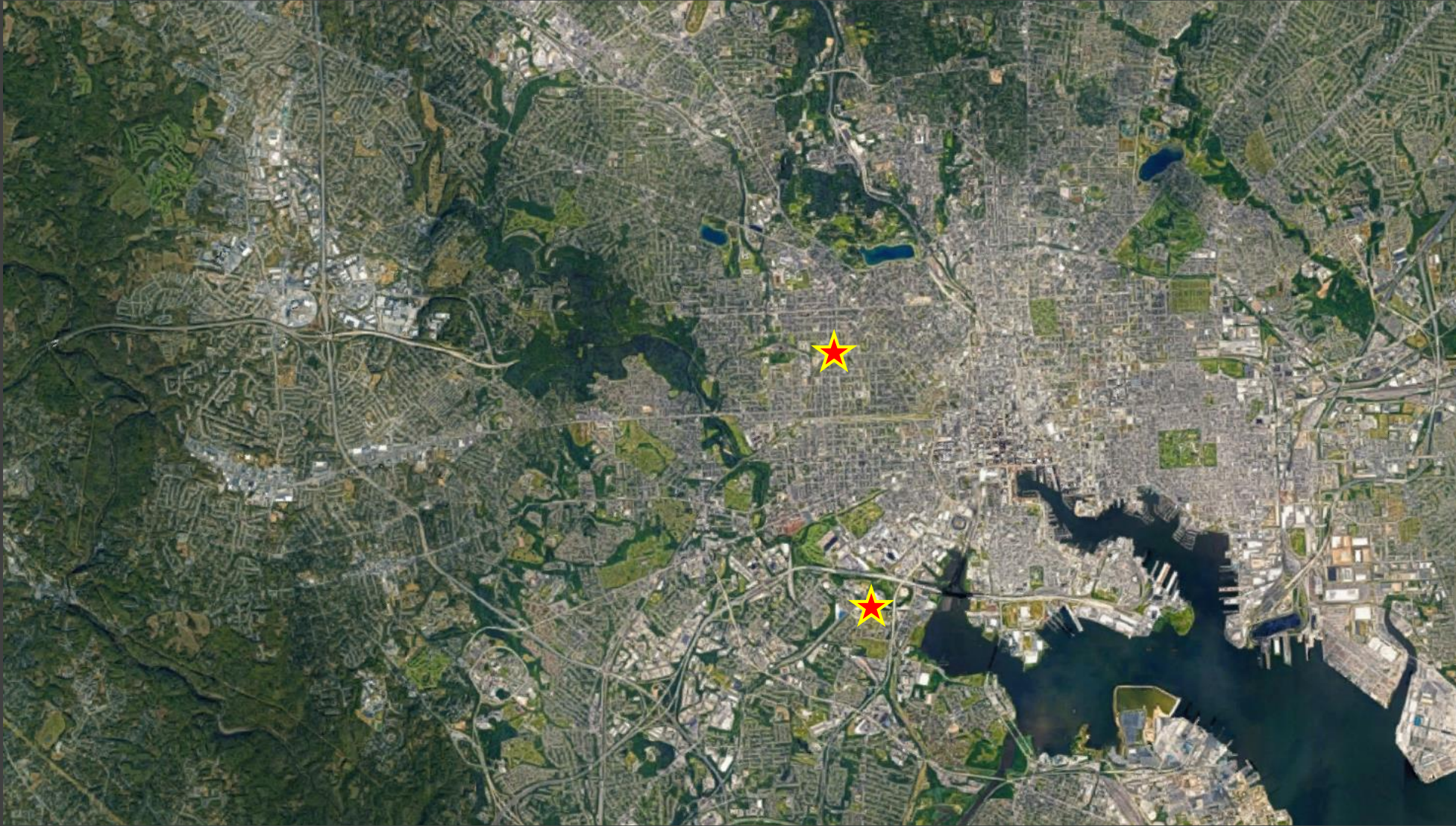
Lat: 39° 17' 10" N Long: 76° 42' 31" W

[DMS](#)
[DD](#)
[MGR](#)
[UTM](#)

Scale 1:72,224

Map Records: 78

Weather data not available at this point.



ENVIRONMENTAL JUSTICE



- Executive Administration's equity 'policy'
 - Env Justice definition: disadvantaged / disproportionate
 - Will be difficult to incorporate as federal (EPA) 'regulation'
 - EPA advocating to state environmental agencies
 - Some states (e.g., Calif) have newly-enacted legis/regulation
- Screening tools: EJScreen (based on TRI) and CEJST (climate/econ)
- Next 3 years will be difficult ; EPA charged w/ ensuring EJ fabric

MICH: RESTRICTIVE PERMIT CONDITIONS

- Most restrictive operating conditions of any mix plant
 - Bans use of RFO after allowing in draft permit
 - Requires continuous monitoring of stockpile dust (low wind)
 - Additional (TAC) and annual (PM) stack tests
- Permittee suing agency; so are environmental groups
- NAPA will join other industry efforts to file Amicus Brief
 - Lack of statutory authority (current)
 - Question use of subjective EJ screening tool

CHICAGOLAND EMISSIONS

- **Agency/Academic Partnership**
 - **Required excessive emissions testing**
 - **First glance: no surprises and emissions well-below EPA 'default' for industry**
 - **What's next from partnership perspective?**
- **Capitalizing on compelled testing**
 - **How are results being communicated**
 - **How can community concerns be alleviated – for good**

COMMUNITY INVOLVEMENT

- Sounds cliché but this is one pillar of EJ
 - Communication and opportunity to be heard
 - Address concerns
- Serious consideration for odor control equipment
 - If no odor and no chemical emissions, only truck traffic is left
- Opportunities to meaningful partner with federal EPA
 - Would likely include odor control in exchange for
- Resources are available to help message

SUSTAINABLE & JUST TRANSP. & MATERIALS

- Operate with a small footprint and strive for efficiency
 - Understand / address community and regulatory concerns
 - Go above-and-beyond when needed, even if not required
- Potential partnership opportunities
 - Level playing-field
- EJ and onerous permitting is here to stay

