

Tradepoint Atlantic Site

Site-Wide Groundwater Cleanup

Site History

Site Progression

2018 Aerial View Site Features



Groundwater Investigation

Site-wide Groundwater Sampling

- 1,143 wells installed
- 3,919 groundwater samples collected





Rod and Wire Mill Area Groundwater

Shallow &
Intermediate Zone

- ◆ Shallow Location
- ◆ Intermediate Location
- ▭ Parcel Boundary



**Coke Point
Area
Groundwater
Shallow &
Intermediate Zone**

Findings

Shallow Groundwater

Benzene Isoconcentration Map



Shallow Groundwater

Naphthalene Isoconcentration Map



Shallow Groundwater

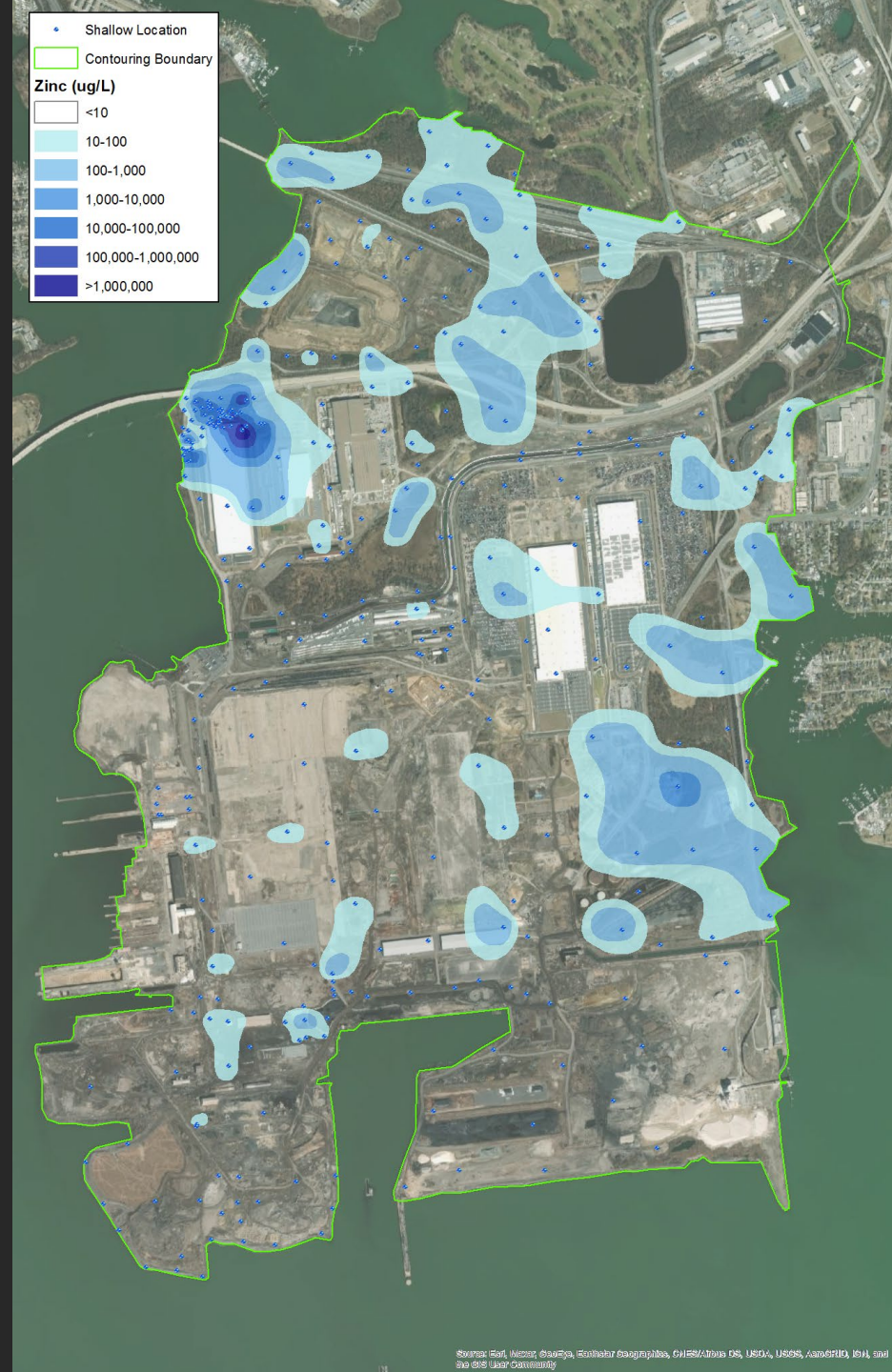
NAPL Status Map

- ◆ Measurable NAPL
- ◆ Trace NAPL
- ◆ No NAPL
- ▭ Parcel Boundary




Shallow Groundwater

Zinc Isoconcentration Map





Response Actions



 Reactive Barrier Trenches
 Parcel Boundary

Rod and
Wire Mill
Reactive
Barrier

Coke Oven Area Interim Measures

 IM Cell Boundary
 Parcel Boundary



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Parcel Boundary

Tin Mill Canal
March 30, 2017
Aerial Survey



Parcel Boundary

Tin Mill Canal
August 28, 2019
Aerial Survey

Active Monitoring

- Monthly or Quarterly NAPL Gauging
- Quarterly COA Interim Measures
- Quarterly RWM Interim Measures
- Semi-Annual Landfill Wells



Remedy Selection Process (EPA)

On Going Groundwater Studies

- Rod and Wire Mill Corrective Measures Study
- Coke Point Area Corrective Measures Study
- Site-Wide Groundwater Corrective Measures