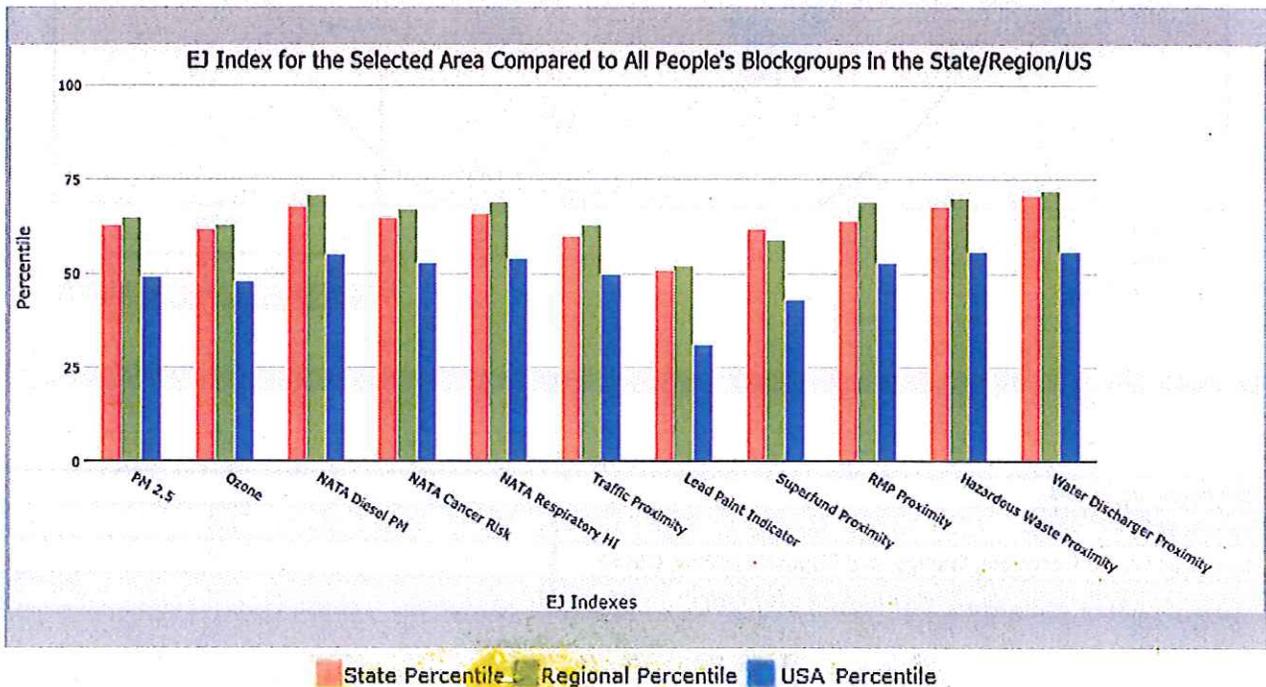# EJSCREEN Report (Version 2016)

3 mile Ring Centered at 44.046944,-84.524722, MICHIGAN, EPA Region 5

Approximate Population: 1,705

Input Area (sq. miles): 28.27

Grove #13-11

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	63	65	49
EJ Index for Ozone	62	63	48
EJ Index for NATA* Diesel PM	68	71	55
EJ Index for NATA* Air Toxics Cancer Risk	65	67	53
EJ Index for NATA* Respiratory Hazard Index	66	69	54
EJ Index for Traffic Proximity and Volume	60	63	50
EJ Index for Lead Paint Indicator	51	52	31
EJ Index for Superfund Proximity	62	59	43
EJ Index for RMP Proximity	64	69	53
EJ Index for Hazardous Waste Proximity⁺	68	70	56
EJ Index for Water Discharger Proximity	71	72	56

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

Legend: State Percentile, Regional Percentile, USA 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.

June 29, 2017

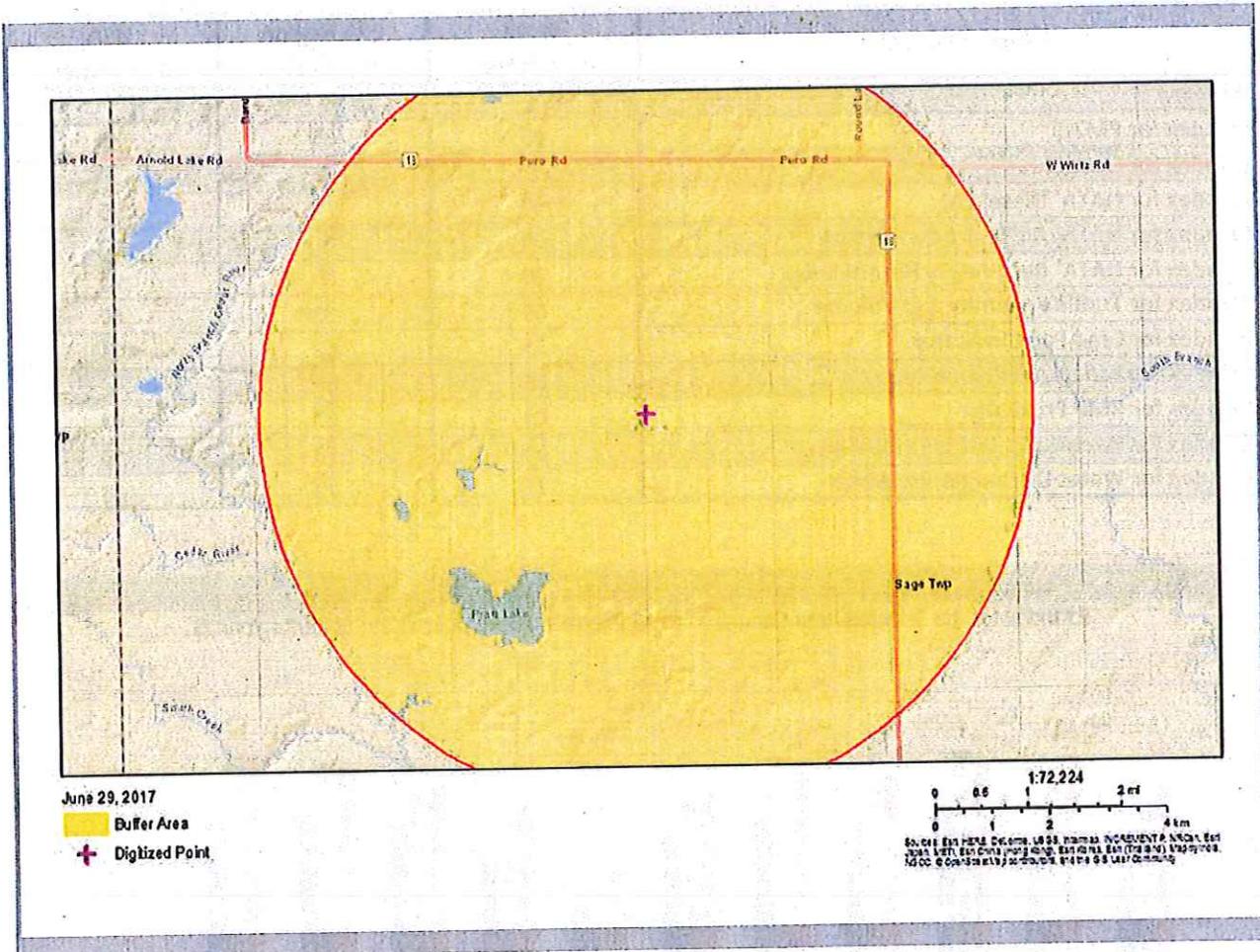EPA United States Environmental Protection Agency

EJSCREEN Report (Version 2016)

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Input Area (sq. miles): 28.27
Grove #13-11

June 29, 2017

Buffer Area
+ Digitized Point

1:72,224

Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0
National Pollutant Discharge Elimination System (NPDES)	0

EJSCREEN Report (Version 2016)

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Grove #13-11

Selected Variables	Value	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in µg/m³)	8.24	9.76	8	10.6	3	9.32	25
Ozone (ppb)	46.6	50.3	6	50.3	12	47.4	40
NATA* Diesel PM (µg/m³)	0.146	0.726	5	0.931	<50th	0.937	<50th
NATA* Cancer Risk (lifetime risk per million)	21	31	7	34	<50th	40	<50th
NATA* Respiratory Hazard Index	0.6	1.3	6	1.7	<50th	1.8	<50th
Traffic Proximity and Volume (daily traffic count/distance to road)	5.8	570	17	370	13	590	12
Lead Paint Indicator (% Pre-1960 Housing)	0.31	0.39	49	0.39	47	0.3	61
Superfund Proximity (site count/km distance)	0.033	0.14	14	0.12	25	0.13	29
RMP Proximity (facility count/km distance)	0.054	0.32	15	0.51	6	0.43	10
Hazardous Waste Proximity⁺ (facility count/km distance)	0.0031	0.1	1	0.11	0	0.11	0
Water Discharger Proximity (facility count/km distance)	0.015	0.25	1	0.31	0	0.31	1
Demographic Indicators							
Demographic Index	28%	30%	62	29%	63	36%	47
Minority Population	4%	24%	16	24%	20	37%	10
Low Income Population	53%	35%	79	33%	81	35%	78
Linguistically Isolated Population	2%	2%	72	2%	68	5%	53
Population With Less Than High School Education	21%	11%	87	11%	85	14%	76
Population Under 5 years of age	8%	6%	79	6%	76	6%	73
Population over 64 years of age	19%	15%	75	14%	76	14%	77

* The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: https://www.epa.gov/national-air-toxics-assessment.

+ The hazardous waste environmental indicator and the corresponding EJ index will appear as N/A if there are no hazardous waste facilities within 50 km of a selected location.

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