

# Stakeholder & Tribal Advisory Group

## Integrating Environmental Justice with Cleanup Planning and Prioritization

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March 5, 2020

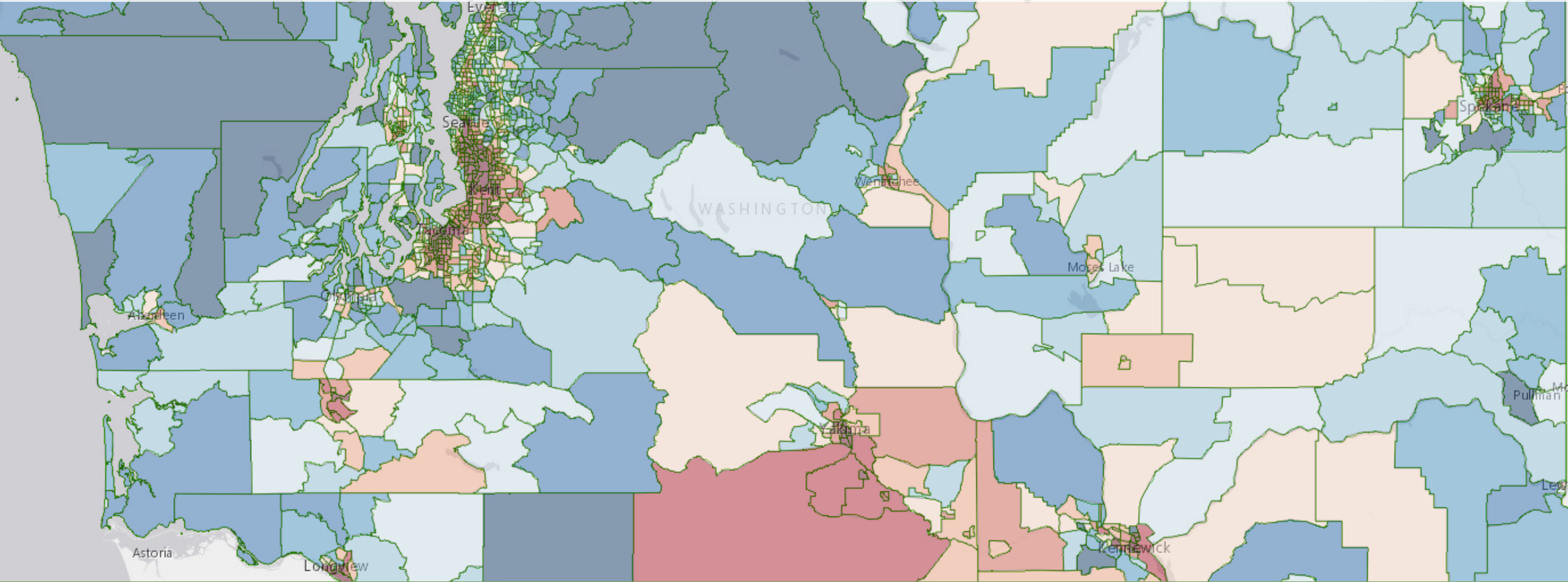


# Introductions

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# How do we move towards Environmental Justice?







# Who are Highly Impacted Communities?



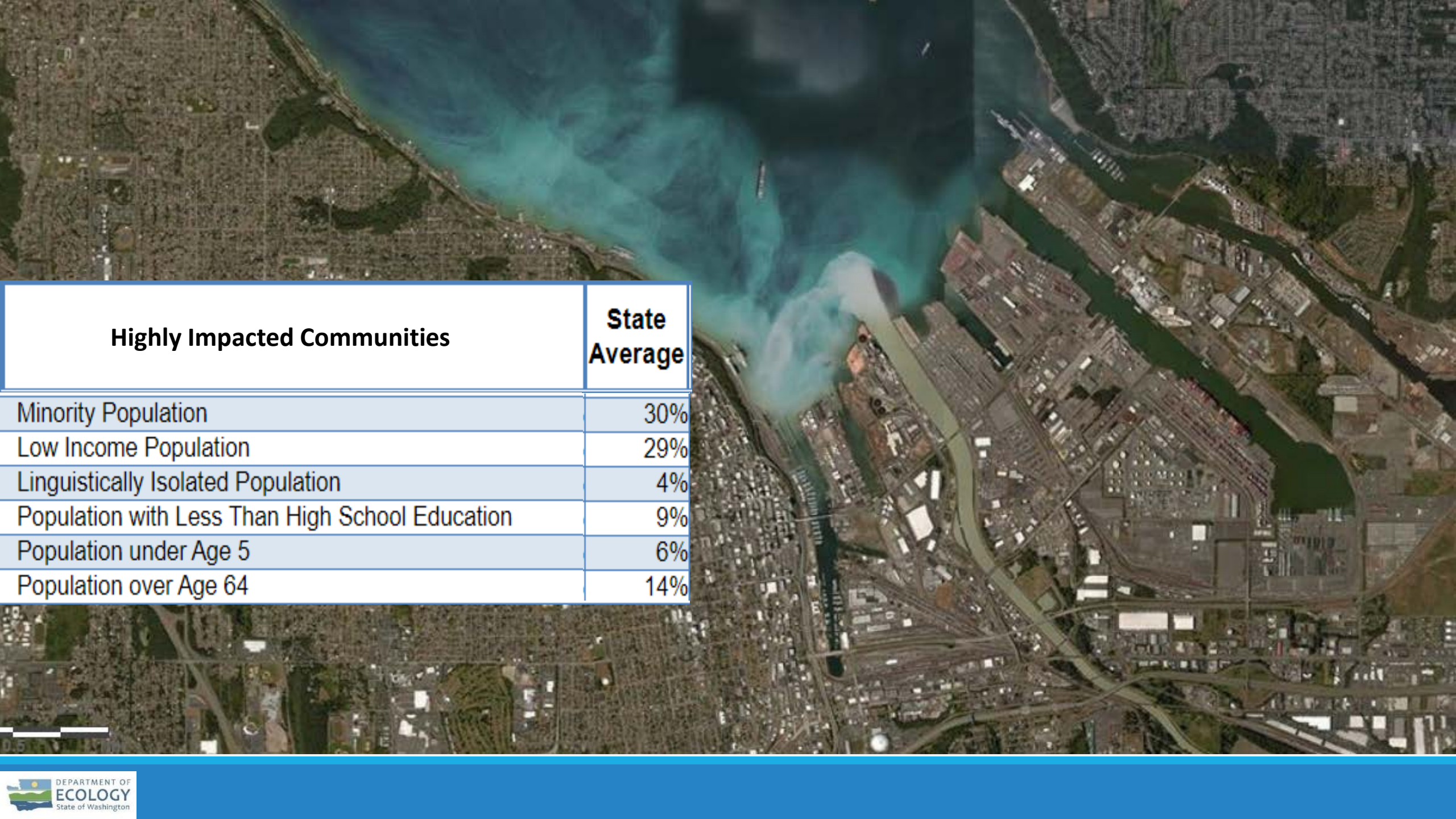


# Impacts

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# Highly Impacted Communities

## State Average

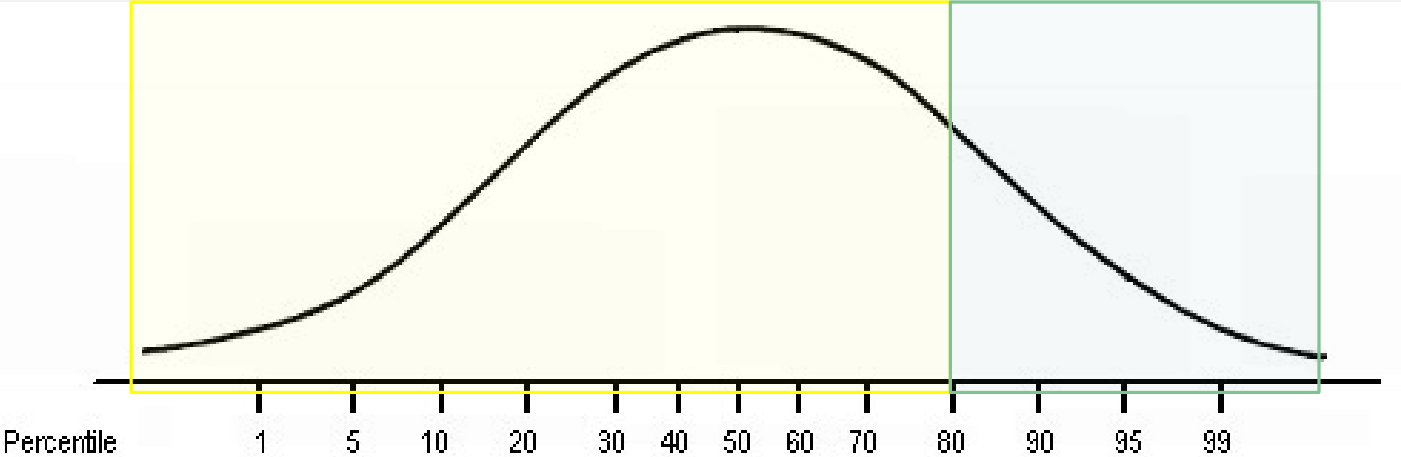
Minority Population	30%
Low Income Population	29%
Linguistically Isolated Population	4%
Population with Less Than High School Education	9%
Population under Age 5	6%
Population over Age 64	14%

0.5

# Establishing a data baseline

Observed values from ISIS and 201

Site Status
Awaiting Cleanup
CC-O&M/Monitoring
CC-Perf. Monitoring
Cleanup Started
No Further Action
Reported Cleaned Up
Tracked by EPA



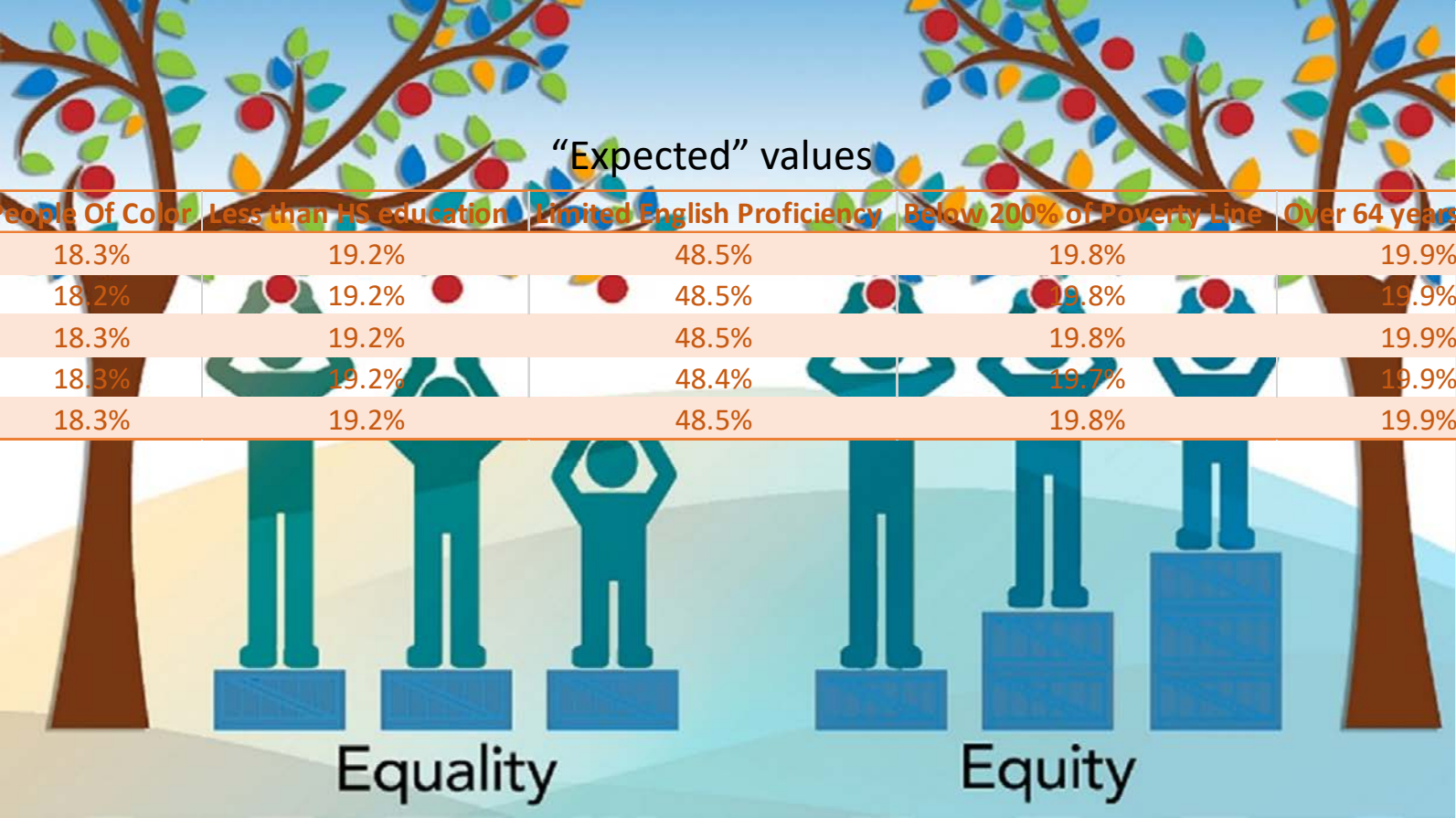
er 64 years of age	Under 5 years of age
21.1%	17.8%
32.1%	25.9%
18.3%	18.3%
18.5%	19.8%
20.2%	20.3%
0.0%	0.0%
15.0%	25.0%
19.9%	19.8%

Percentage indicates how many in each grouping met the demographic indicator's trigger

Trigger	Above 80th %ile	Everything except linguistic Isolation	Notes about interpretation
	More than 1,000 or 5%	Linguistic Isolation	Bigger numbers mean a higher association with a Highly Impacted Community
			Good/bad is contextual with site status



# What do you compare that baseline with?



“Expected” values

Site Status	People Of Color	Less than HS education	Limited English Proficiency	Below 200% of Poverty Line	Over 64 years of age	Under 5 years of age
Awaiting Cleanup	18.3%	19.2%	48.5%	19.8%	19.9%	19.8%
Cleanup Started	18.2%	19.2%	48.5%	19.8%	19.9%	19.8%
No Further Action	18.3%	19.2%	48.5%	19.8%	19.9%	19.8%
Operation and Maintenance	18.3%	19.2%	48.4%	19.7%	19.9%	19.8%
Performance Monitoring	18.3%	19.2%	48.5%	19.8%	19.9%	19.8%



# Making demographics accessible

**DEPARTMENT OF ECOLOGY**  
State of Washington

**TCP Maps**

Search Legend Filter Tools Layers EIM Data Print Share About

**Map Area**

Area Type:

Cleanup Site Name

enter cleanup site name

**Coordinates**

Select Coordinate Type:

Lat/Long Decimal Degrees

Latitude

latitude (decimal degrees)

Longitude

longitude (decimal degrees)

Datum

WGS84

**Identify Results** -122.15301 | 47.58277

Map Layers Geographic Demographic

Block group population: 1745 Zoom to block group

Criteria	Number	Percent
People of color	945	54%
Income < 200% poverty line	424	24%
Population < 5 years of age	97	6%
Population > 64 years of age	235	13%
English less than very well	232	14%
Education less than high school	47	4%

City of Bellevue, WA, Bureau of Land Management, Esri Canada, Esri, HERE, Garmin, INCREMENT P, USGS, METI/NASA, EPA, USDA

Powered by Esri

Cleanup Site Table

Zoom to selection Table to CSV

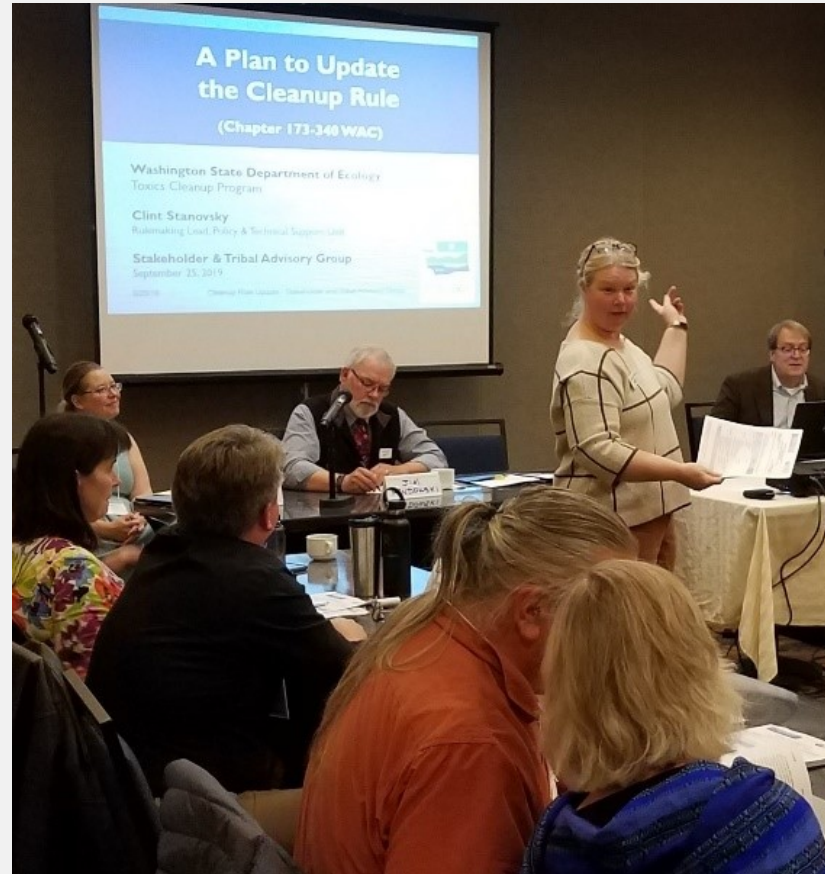
# Incorporating EJ into granting decisions

Criteria Number	Evaluation Criteria	Maximum Score
4.1	<b>3 POINTS:</b> The site is east of the Cascades or the community is “economically disadvantaged,” as defined in WAC <a href="#">173-322A-100</a> (15) and (16) and Appendix B of this Guidance.	3
4.2	<b>3 POINTS:</b> Community where the contaminated site is located is a “highly impacted community,” as defined in WAC <a href="#">173-322A-100</a> (24) and Section 4.5: Environmental Justice Evaluation Criteria of this Guidance.	3
6.3	<b>3 POINTS:</b> Redeveloped site will provide additional affordable housing stock when redeveloped. <b>2 POINTS:</b> Redeveloped site will preserve affordable housing stock when redeveloped.	3
6.4	<b>3 POINTS:</b> Redeveloped site will be primarily for public use (for example, a park, museum, or library). <b>2 POINTS:</b> Redeveloped site will be partially for public use (example, site contains both a public trail and private housing).	3



# What does this have to do with cleanup planning and prioritization?

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# Questions?

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# Contact

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