

# Public Goods and Bads

Joshua Winicki

Oregon Council for Economic Education  
Wilson HS, PPS

# The task list

Review of PUBLIC  
ECONOMICS

Examples of public GOODS

Examples of public BADS

- Other public goods and bads

Social Studies Extension

Public goods and bads

Projects

Field trip

# PUBLIC GOODS

TEXTBOOK:

Non-rival

Concert

Non-excludability

Clean air

Public cost MORE than  
private cost

Tailpipe emissions

Public benefit MORE than  
private benefit

Library, education

Partner A: Another  
non-rival good

Partner B: Another  
non-excludable  
good

# Externalities

Where was your partner born?

# Public Goods

## The task list

Review of Pl

Examples of

Examples of





LOCAL  
**6**  
WFSU

10 at 10:00

**Firefighters Watch House Burn**

Put Out Field Fire, Ignore House





# Public Bads





Columbia Boulevard  
Wastewater Treatment...

Google

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Columbia Boulevard  
Wastewater Treatment...

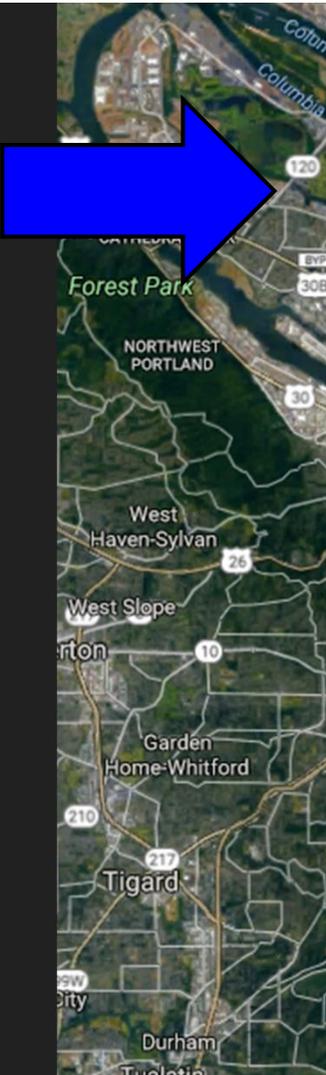
Heron Lakes

120

Columbia Slough

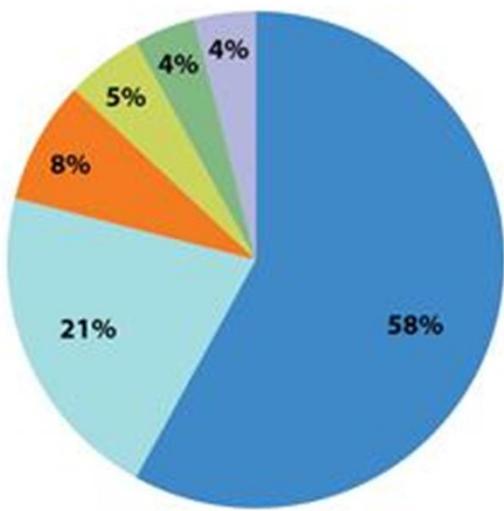
Columbia Slough

117



### Water Bureau Electricity Use Across Operations (2011)

Pumping water is the single largest user of electricity



- Pumping water to higher elevations
- Pumping groundwater
- Heating and cooling occupied buildings
- Pumping water in fountains
- Disinfecting
- Other electricity uses



# Social Studies Class

## The task list

Review of PUBLIC ECONOMICS

Examples of public GOODS

Examples of public BADS

Social Studies Extension

Public goods and bads

Projects

Some slides from class

Field trip

- *Four things purchased last weekend*

**STUDENTS**

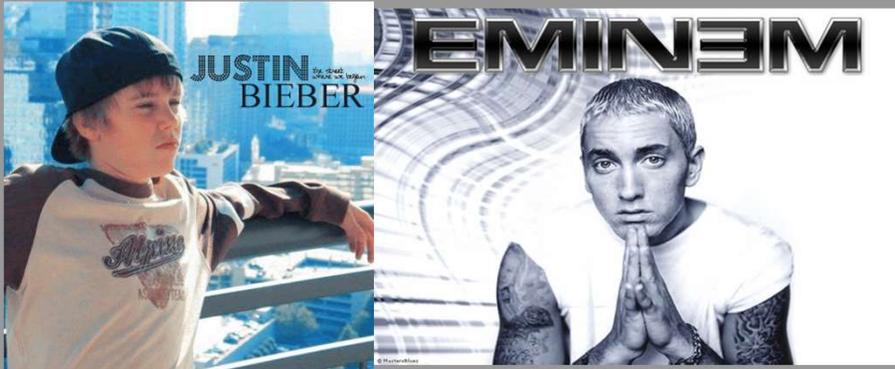
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**PARENTS**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

Which do you prefer?

WHY?



WHY?

# Results

- Group work
  - 19 would rather work in group
  - 4 would rather work individually
  - 8 mixed
- Choose groups
  - 23 prefer picking own group
  - 5 prefer random grouping
  - 2 said it depends

How much do you value...



Five guys



# iTouch



# Toilet





Water





Running water

# Roads



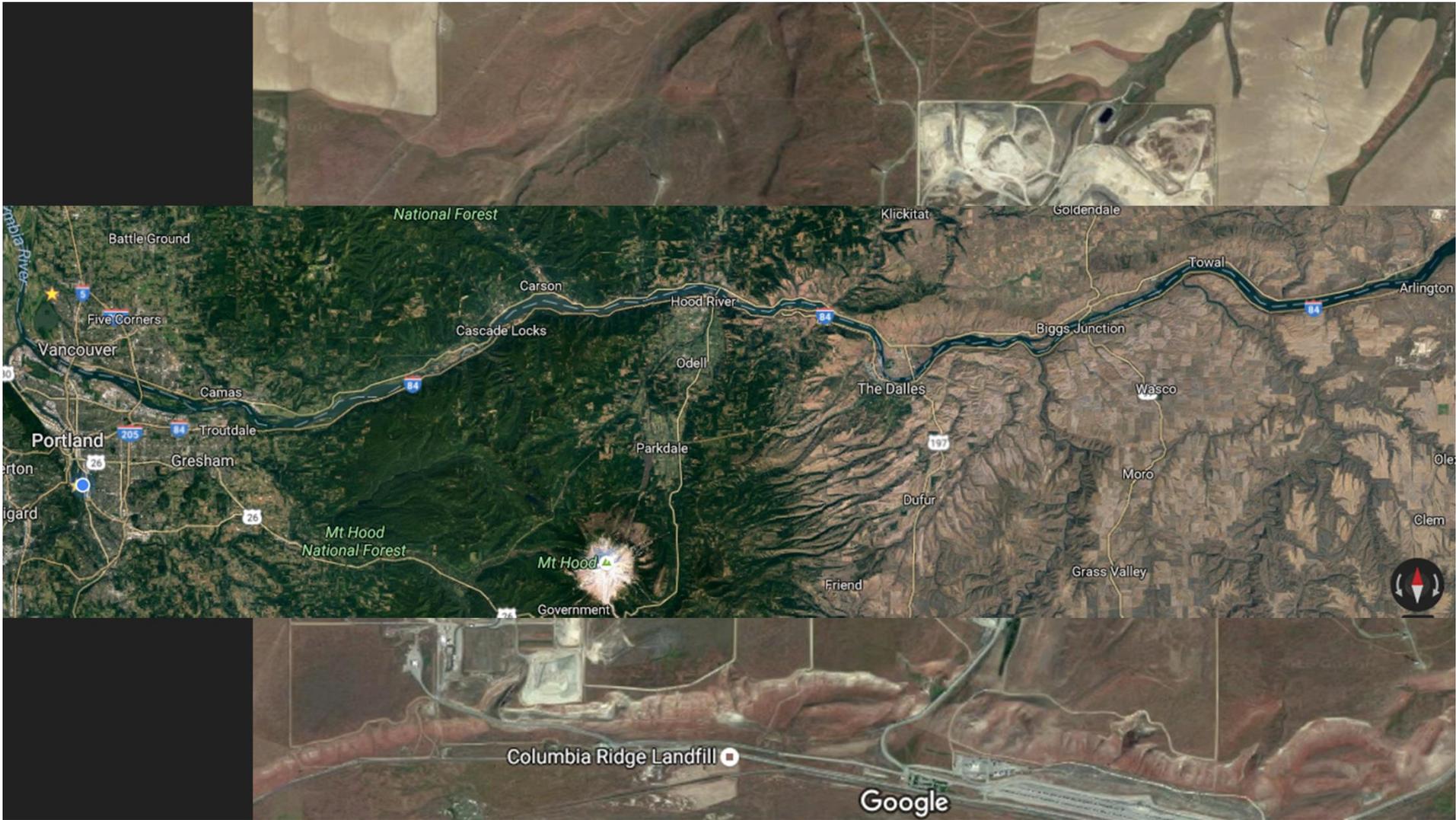
# Radio

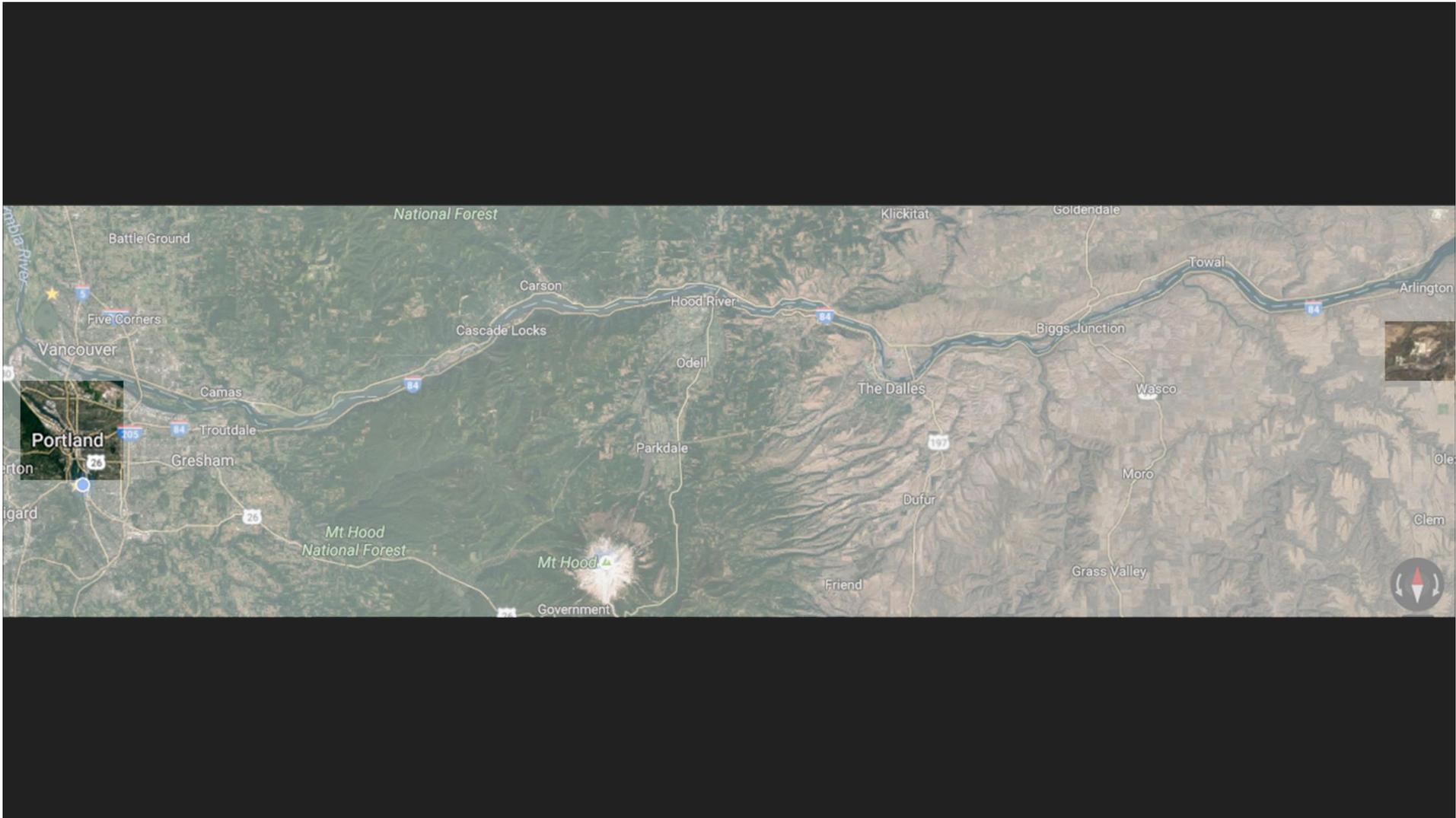


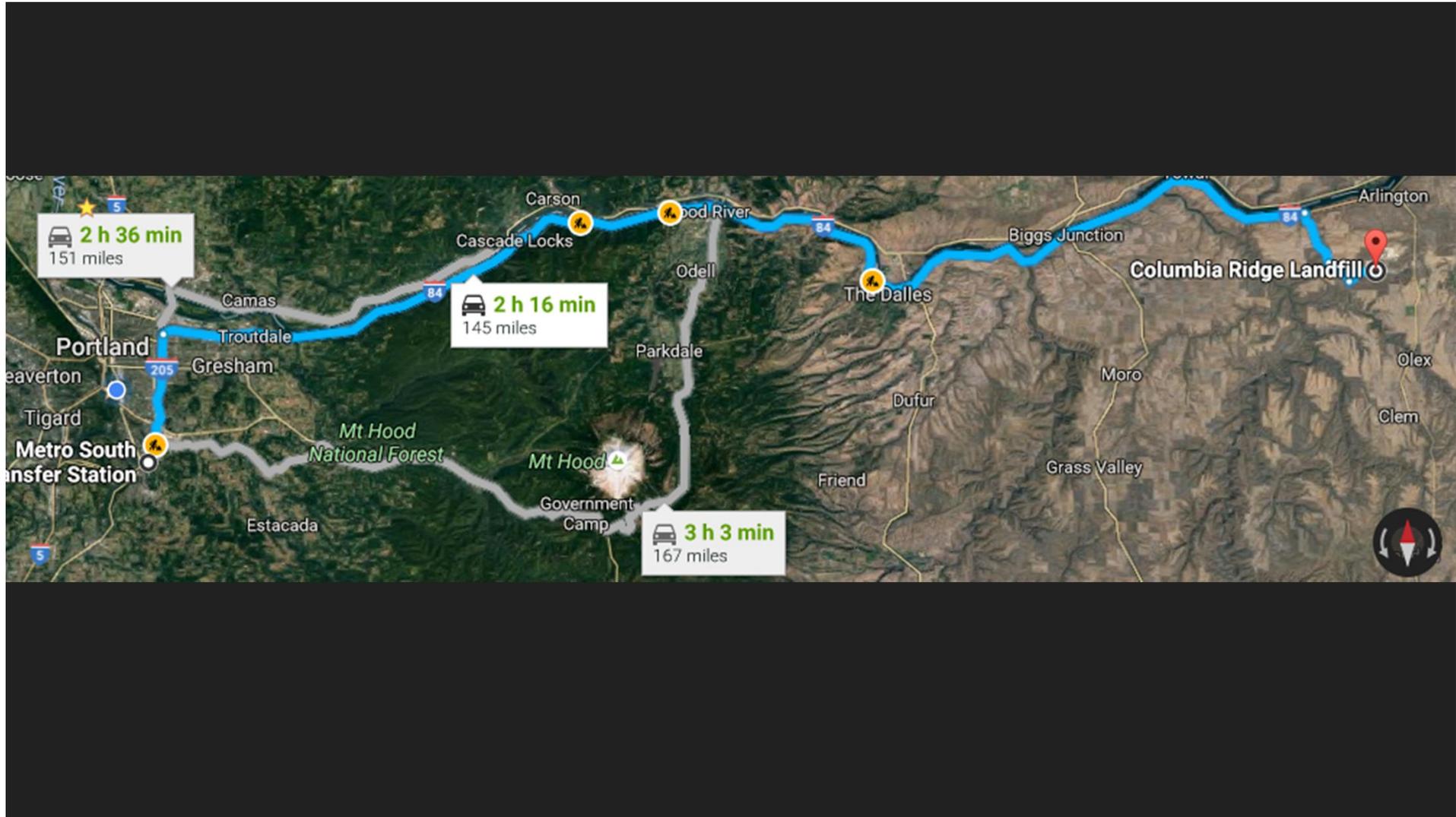


Air

Focusing on garbage







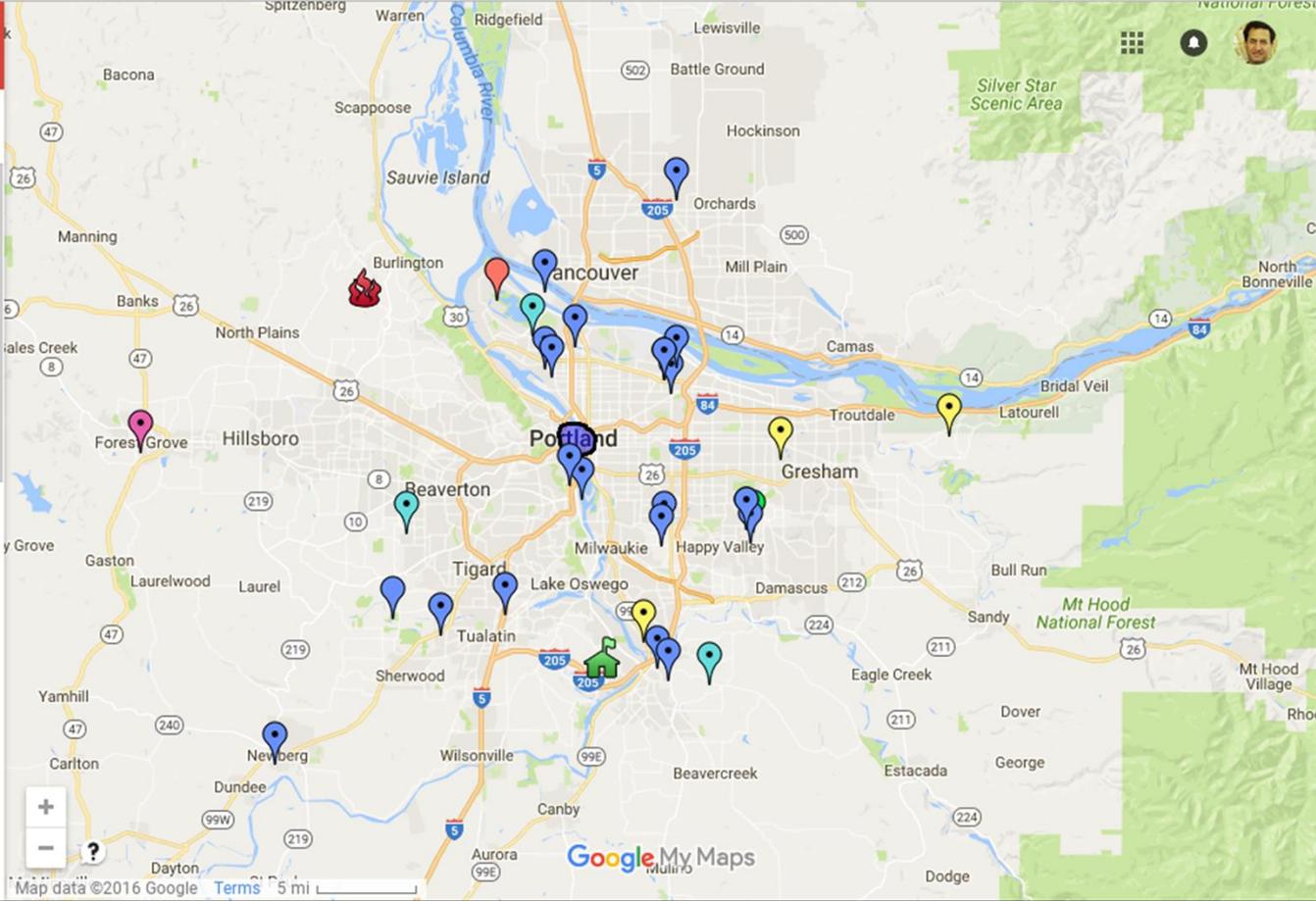
# Our public good

[Landfill maps](#) on google [maps](#).  
Editable viewer

# Portland Landfills

## Landfills

- St. John's Landfill
- Hidden Valley Landfill
- Rosemont Ridge Middle School
- Skidmore St. Landfill
- hayden island landfill
- Johnson Creek Landfill
- Troutdale (Obriest)
- Frank's Landfill
- leichner bros. landfill
- River Rd
- Rossmann
- Troh's Nest
- Durham Pit
- Bloom Landfill
- S Blaine St
- Old Canby Landfill
- Oaks Pioneer Park



# Projects

Powerpoint presentations  
Consumption (\$40,000 to  
spend, aka demand)  
Commercials to TV  
programming

Account for and categorize:  
Spending by household  
Use of water  
Amount of garbage  
produced

# Field Trip

Water treatment facility

How sewage is treated

Rebuilding Center

Alternative to the landfill

Mississippi Pizza

Metro South Transfer Station

Where our garbage goes

Home Depot (built on old  
landfill)

## Making WORKBOOK

Page 1: Water Treatment Facility

Page 2: ReBuilding Center

Page 3: Metro South Transfer  
Station

Page 4: Home Depot

# Suggestions?

Landfill

Water treatment

What else?

# New topics

## Goods:

Background knowledge

Projects

Field trip

## Bads:

Background knowledge

Projects

Field trip

# Summarize

Questions or comments or materials:  
[fjwinicki@gmail.com](mailto:fjwinicki@gmail.com)