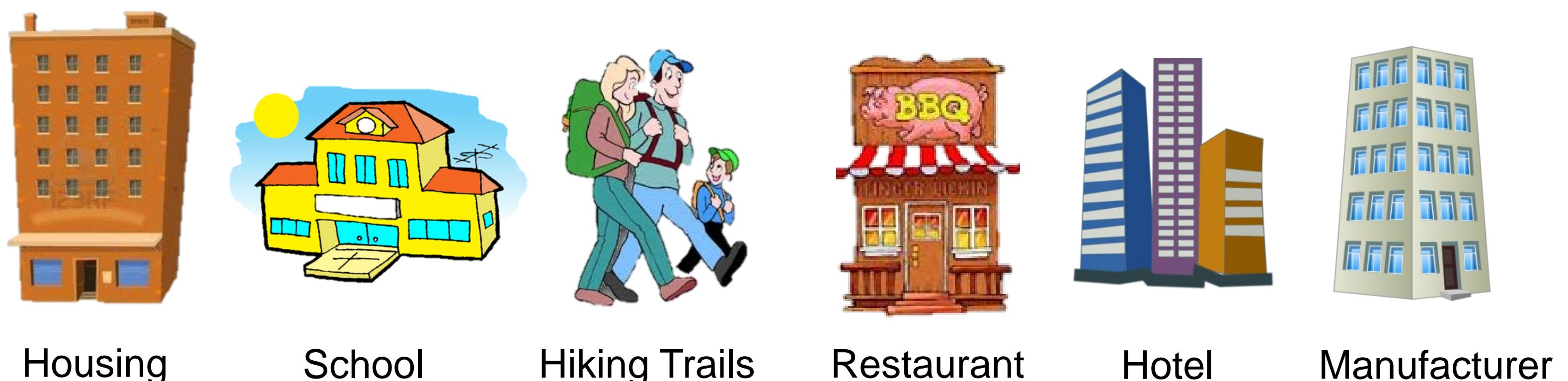


What is Background Threshold Value (BTM)?

How is a BTV Defined?

- Amount of a chemical in uncontaminated soil across Minnesota that any person might contact
- BTVs are the same numerical value for any type of site

Residential/Recreational or Commercial/Industrial

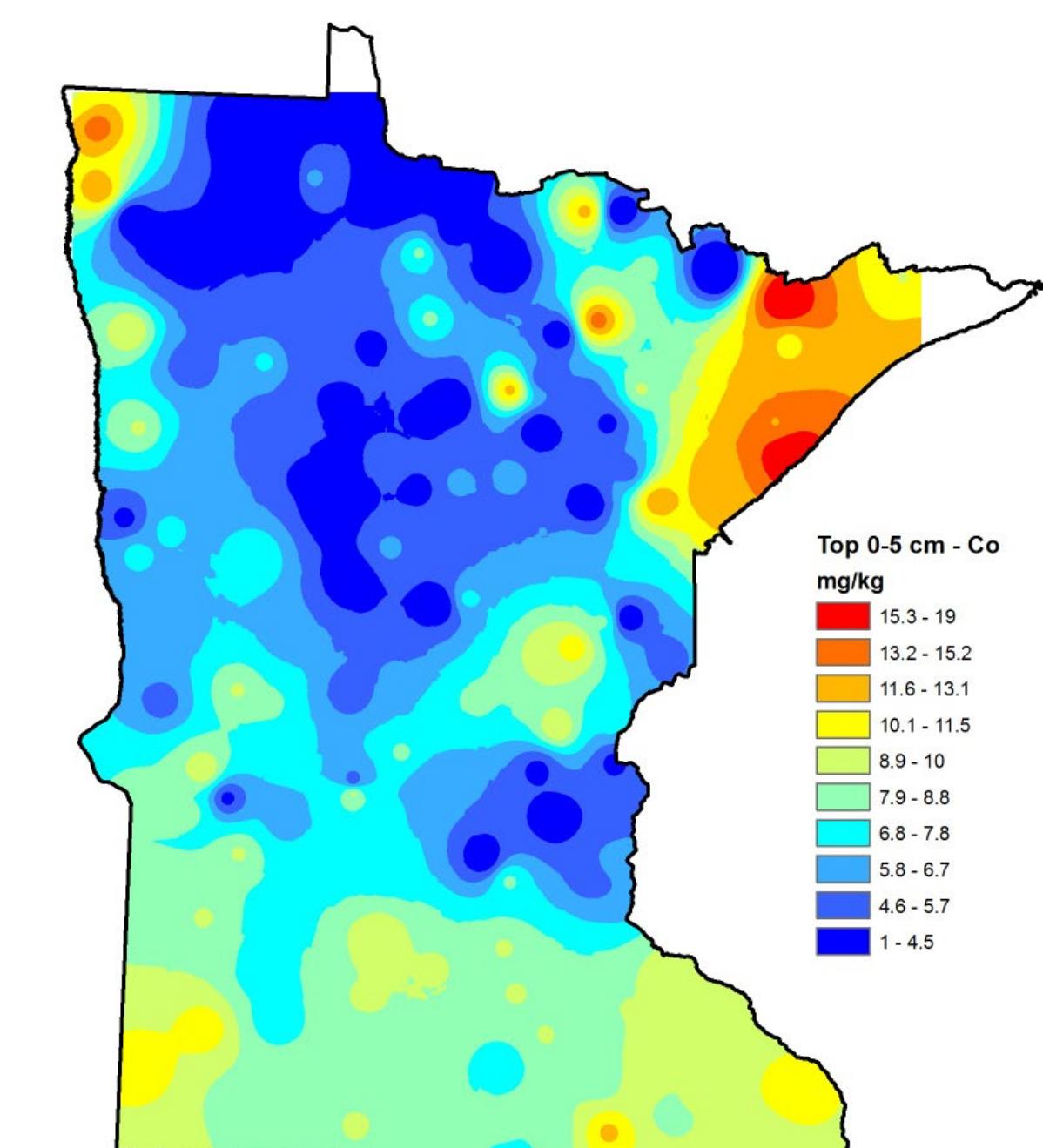


How are BTVs Determined?

- Soil samples obtained from uncontaminated soil across Minnesota
- Laboratory Analysis to determine amount of chemical in soil (chemical concentration)



- Amount of a cobalt in soil (chemical concentration) varies across the state of Minnesota
- Evaluation is conducted to determine BTV appropriate for all soils in Minnesota
- Uses Environmental Protection Agency's (EPA's) methods and calculations



BTM for Cobalt is 13 mg/kg

When is a BTV Used?

SRVs for Cobalt:

Residential/Recreational SRV = 4.6 mg/kg

Commercial/Industrial SRV = 67 mg/kg

BTM for Cobalt:

BTM = 13 mg/kg

Residential/Recreational SRV is set to BTM (13 mg/kg)
since BTM is greater in value than SRV

Commercial/Industrial SRV is set to SRV (67 mg/kg)
since BTM is less in value than SRV

