

Source Control 101 – Quick Prioritization Approach

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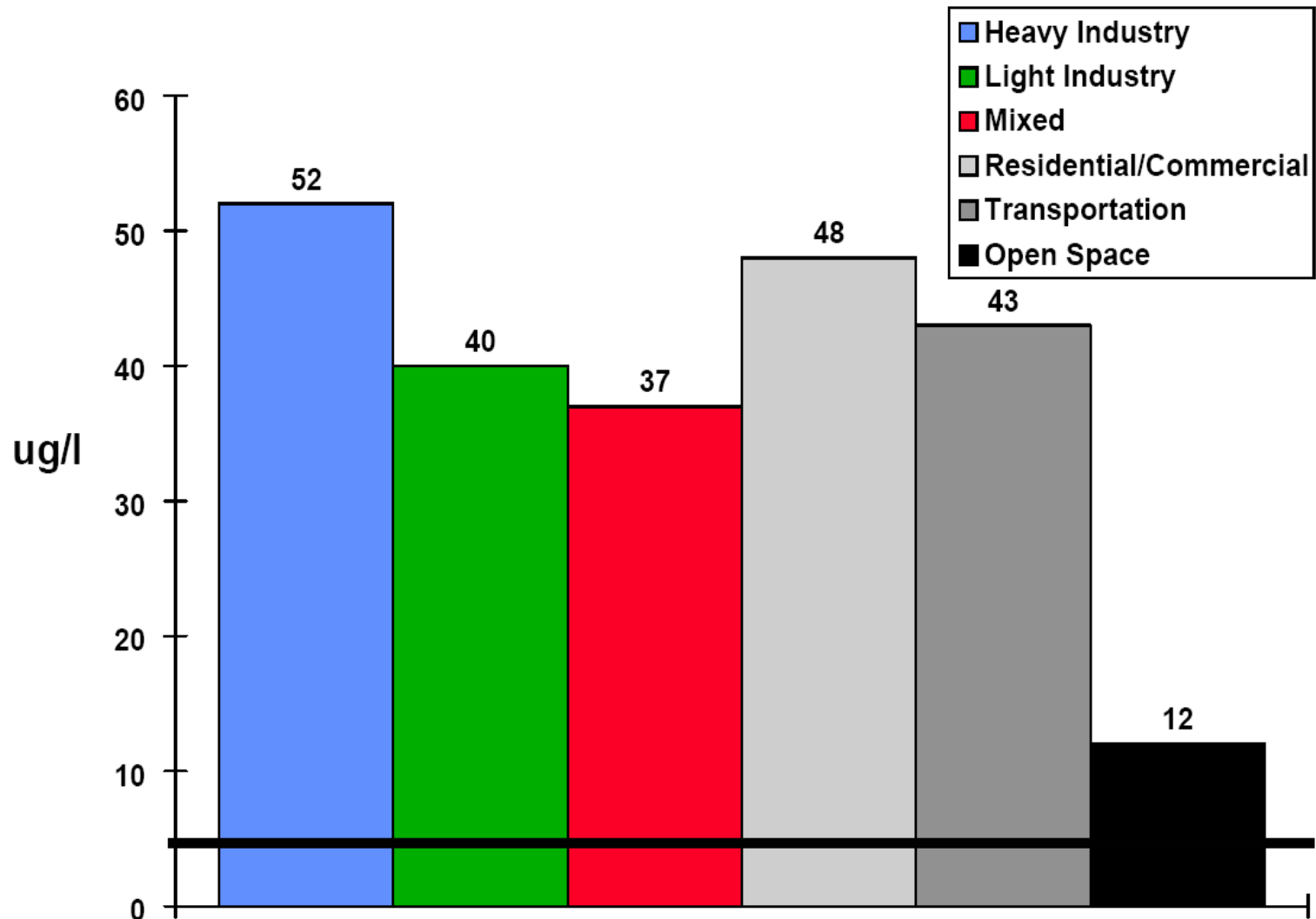
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Quick Pollutant Source Identification Strategies

- Literature Review
 - Scientific papers - Government Reports (NURP, USGS)
- Monitoring Data (not always useful)
- Internet Resources
 - Industry Association & Product Websites
 - Agency Databases (DPR)
 - MSDS & Product Labels
- Observation
 - Cars & Buildings - Hardware Stores - Inspections
- Network!

Stormwater Runoff Copper Concentration Averages from Alameda and Santa Clara County



Data from 1990s

Quick Prioritization Example

Copper Source	Big?	Control Strategies
Asphalt	No	--
Boat paint (air emissions from maintenance)	? → Yes in some locations	Boat paint reformulation Air permit
Brake Pads	? → Yes	Brake Pad Reformulation
Building paint	No	--
Copper Gutters	? → No	--
Copper Roofs	Yes	Local Building Code
Copper Pipes	Not in runoff	--
Electrical Brush Motors	Not in runoff	--
Oil leaks	No	--
Pennies	No	--
Pool Algaecides	? → Maybe	Pesticide Regulation Pool Discharge Regulation