

**CHEMICAL
ACTION PLAN
ECONOMICS**

ELEMENTS, ANALYSIS, AND INPUT



**WHAT ECONOMIC
ANALYSIS IS
REQUIRED?**

- WAC 173-333-420(1)(f)(iii)(B)
 - The recommendations will be based on an evaluation of the following factors: ... (B) Economic and social impacts associated with implementing the action.

- WAC 173-333-420(3)

- “**Economic analyses.** In assessing economic impacts under subsection (1)(f)(iii)(B) of this section, ecology will identify costs of implementing the recommendations. This may include a qualitative and/or quantitative analysis of the probable benefits and costs of the CAP.”



COSTS OF IMPLEMENTATION

What is the baseline for comparison?

Who would take the action?

Where would the action take place?

When would the action take place?

How
much
labor,
equipment,
time, etc.?

- What kind of labor?
- Equipment funding?
- Maintenance and replacement?
- Sourcing?



RESULTING BENEFITS AND COSTS

QUANTIFIABLE AND QUALITATIVE

RESULTING BENEFITS AND COSTS

Exposure and health

Environmental

Expenditures and
transfers

Product attributes

Who gains and who loses?



**INPUT AND
DATA ARE
WELCOMED**

What is the status quo?

- Products? Quantities? Locations?
- Why is this business as usual?

How would recommendations change what you or others do?

- Breadth of the impact?
- What is the difference in costs?
- How many parties would be impacted? Who are they?

Data and examples

- Unit costs
- Quantities
- Labor and contractors
- Alternatives



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