

Private Sector Economic Impacts Nutrient Work Group Subgroup
November 2, 2011
8:30 a.m. – 12:00 p.m.
Room 111, Metcalf Building
1520 E. Sixth Ave
Helena, MT

Agenda:

- 1) What existing EPA guidance on private firms can we use?

Primary Test:

Profit test

Secondary Tests:

Short term liquidity

Long-Term Liquidity

Ability to borrow money

If the firm/company would stay open despite additional pollution control costs, would they have to fire workers, scale back or switch product lines?

Using plant level data rather than parent company data

- 2) What new ideas can we bring to the table?
 - a. Focus on “tipping points” for companies in terms of financial and other indicators
 - b. Focus on essential industries in Montana with wide-reaching impacts such as the refineries which supply almost all of Montana’s liquid products
 - c. Focus on upstream and downstream effects of having to meet water quality standards (including benefits from additional jobs and construction of those plants).
 - d. Focus on ‘Factor 3’ items---what are the environmental tradeoffs of meeting the SB 367 variance levels vs. treating effluent all the way down to the base numeric nutrient criteria. For example, chemical use and greenhouse gases increase exponentially as one gets near the base nutrient criteria.
 - e. Are there any silver bullets (findings) that would make life easy and data collection minimal or unnecessary?
 - f. Industry ideas
- 3) Data concerns

- a. If we choose to look at economic concerns per the EPA guidance, what data is needed at the plant level?
- b. Worksheet of what data to collect from DEQ, EPA and cost studies
 - i. Capital costs of water treatment plants to be financed
 - ii. Interest rate for financing
 - iii. Annual cost of operation and maintenance
 - iv. Plants effluent flows
- c. Worksheet of what data to collect from companies. For the three most recent years:
 - i. Revenues
 - ii. Cost of goods sold
 - iii. Portion of corporate overhead assigned to the discharger
 - iv. Current assets
 - v. Current liabilities
 - vi. Net income after taxes
 - vii. Depreciation
 - viii. Current Debt
 - ix. Long-term debt
 - x. Long-term liabilities
 - xi. Owner equity
- d. Legal concerns over data confidentiality