

# Environmental Economic Analysis



**Environmental issues are often intertwined with complex economic concerns. Environmental projects are increasingly driven by estimates of economic cost and benefit, and the successful resolution of disputes can hinge on economic evaluations.**

LimnoTech provides a full range of expert consulting services in environmental economics, engineering, and science. This includes in-house expertise and experience in economic analyses to guide environmental project planning.

### LimnoTech Services

LimnoTech provides professional economic analysis and expert testimony in a variety of areas, including:

- Cost/Benefit Analysis
- Cost Allocation
- Engineering Economics
- Effluent Trading Analysis
- Ability to Pay
- Economic Benefit of Past Noncompliance
- Natural Resource Damage Assessment
- Environmental Justice

### LimnoTech’s Experience

Evaluations of economic issues are often components of LimnoTech projects. LimnoTech staff include engineers, economists and scientists who have the expertise and experience to address these issues. Some examples of specific experience include:

- Nationwide experience in Combined Sewer Overflow control studies that have applied cost/benefit analyses for evaluation and selection of control alternatives.
- Numerous cost allocations for purposes of fair allocation between responsible parties and litigation settlement.
- Evaluation and development of cost estimates for a full range of site investigation activities, remediation design, construction, operation, and maintenance activities.
- Evaluation of the costs and benefits of changing agricultural practices in a watershed versus implementing additional point-source controls.
- LimnoTech has saved clients millions of dollars through coordinated analyses of environmental and economic impacts.

*A typical cost-benefit analysis is used to optimize the benefits-to-costs relationship. In this figure, it is clear that after the “knee of the curve” is reached, the benefit per incremental expenditure rapidly diminishes.*

