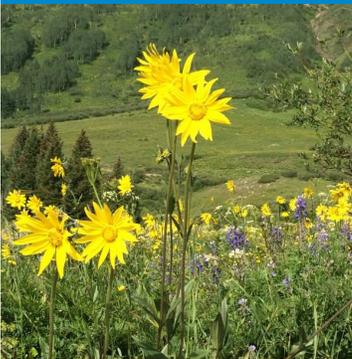




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### What we do:

- State-required toxics use reduction and pollution prevention facility plans
- Massachusetts TURA Form S & Federal SARA Title III Form R Reports
- Environmental regulatory compliance audits
- Corporate policy studies and pollution prevention training programs
- Research studies of industry-specific pollution prevention methods
- Identification of Best Management Practices (BMPs)



### For more information, please contact:

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# Pollution Prevention and Toxics Use Reduction



Goldman Environmental Consultants, Inc. (GEC) offers an effective mix of environmental and business planning skills, regulatory knowledge, and environmental engineering expertise to assist our clients. We develop cost-effective programs, which emphasize compliance with regulations and reduced liability through pollution prevention and toxics use reduction. Our staff has been at the forefront of a regulatory shift from reaction to prevention of pollution and toxics use.

## **OUR APPROACH TO POLLUTION PREVENTION AND TOXICS USE REDUCTION**

Pollution prevention and toxics use reduction should be considered among the most effective strategies for companies to improve compliance with “single-media” (air, water, solid, hazardous waste) discharge. This approach focuses on changing operation and production practices to reduce discharges and reduce or eliminate toxic materials from production. GEC approaches this strategy as an opportunity to help companies reevaluate their practices. We help companies achieve environmental compliance through broad methodologies for controlling and preventing pollution. GEC has experience with a wide range of industries, making us able to help companies find the best technology for their unique processes. GEC’s hands-on industrial experience enables us to provide clients with effective advice on how to implement pollution prevention strategies.

## **GEC’S METHOD**

GEC studies their clients’ practices to better understand their objectives and production processes, including losses of materials or emissions of pollutants to the environment. We see these as an opportunity for new pollution prevention and toxics use reduction programs. We outline each reduction option and compare their relative advantages and disadvantages. A financial analysis then determines whether this is a profitable investment and the extent to which it helps impact reduction and compliance. GEC considers information on material usage and pollutant discharges before making recommendations of appropriate improvements.

GEC believes in training and effective communication, key parts of our approach for every project. Our experienced staff works for our clients to find cost-effective operating practices that can lead to pollution prevention.

## **GEC’S EXPERIENCE**

GEC has prepared and implemented pollution prevention plans for a broad range of industries, including metal plating, chemical manufacturing, biotech, and electronics. Our Toxic Use Reduction Planners (TURPs) have worked with many companies in Massachusetts to conduct required reporting of toxic chemical use and develop effective Toxic Use Reduction Plans under the Toxics Use Reduction Act (TURA). GEC TURPs have created many pollution prevention and Toxics Use Reduction Plans and prepared Stormwater Pollution Prevention Plans under the Clean Water Act. Our staff has conducted workshops and training sessions on pollution prevention methods and planning requirements, and we have helped clients obtain Toxics Use Reduction grants.