WHERE OBJECTIVITY FLOURISHES
Sustainability Enhancements

At WTS, industrial by-products are viewed as raw materials for potential resource reclamation, recycling, reuse, and natural resource preservation to help clients meet their sustainability goals. The WTS mission is to objectively develop, deploy, and manage solutions that minimize or eliminate waste, recover value from by-products and render materials less toxic. Recently, WTS was recognized for a sustainability enhancement resulting from a partnership with PPG. WTS and PPG received a Responsible Care Beneficial Reuse Award for the sustainable management of soils at a remediation site in 2013.

Engineered Solutions

WTS is able to "walk the pipes" at customer sites and determine how changes can be made in a chemical manufacturing process that would result in increased value and environmental benefits from the resulting by-product stream. Whether the solution is at the end of the pipe or upstream, a WTS chemical process engineer will work closely with the client to make sure any changes made have no impact on product quality, regulatory permits, and the environmental health and safety of all stakeholders. By seeing the value in by-products WTS is willing to invest capital up-front to reclaim useful resources.
WTS has assessed by-product streams using a solutions hierarchy for a number of major chemical companies. Through our unique evaluation method and diverse industry experience, WTS has been able to divert approximately 500 million pounds of material from landfill since 2010. This provides triple bottom-line benefits to our clients while protecting their reputation. All end-use outlets are carefully audited with safety as a top priority. This is how for 32 years WTS has preserved a pristine Goal Zero record of zero fines, penalties, insurance claims, regulatory non-compliances, and lost work-time safety incidents.

The Warehouse Management Team at WTS develops programs built and designed to meet the client’s specific needs with the goal of mitigating environmental, health and safety liability potential between the manufacturing of products and end use of unsold products. WTS implements a by-product management system that provides ongoing environmental compliance, real-time inventory monitoring, lagging inventory minimization, and sustainable reuse or disposal solutions. The WTS team will provide regulatory support, audits, and rapid response services to avoid potential fines and reputation damage.
The WTS Refinery Team will bring significant value to clients by transitioning waste and by-product management needs into a non-issue while rigorously monitoring RCRA and NESHAP compliance. WTS is able to objectively identify responsible end use outlets for materials from tank cleaning projects and regular refinery activities to deliver cost savings. Our project managers have overseen hundreds of projects that required expedited action as WTS is consistently able to meet timeline commitments. On-site managers can assist with real world analysis, evaluation and execution of solutions.

WTS is helping to build out our nation’s energy infrastructure to help the United States fully realize the benefits of shale gas. The WTS Pipeline & Energy Team provides on-site by-product management, acts as a regulatory interface, and uses an alliance partner network to enhance adaptability and redundancy for trenching, HDD, and one pass directional drilling projects. Our solutions deliver economic value and provide sustainability enhancements through raw material substitution of drilling spoils, while guarding the customer’s reputation and adding an additional layer of liability protection.
WTS implemented a global multi-million dollar resource reclamation by-product solution for a prominent American Chemistry Council Member Company. We did this by maximizing the business to business value found within the ACC members and partners. Creating a solution that brought together the recycling technology of one member and the overseas logistics expertise of a partner. Providing responsible business to business sustainable solutions is what WTS does.