



LEWISTON, NEW YORK

2024

SUSTAINABILITY REPORT

Where Objectivity Flourishes



Message From Our President

Materializing the Circular Economy

Our sustainability journey continues forward at WTS and we are pleased to share our enclosed sustainability highlights and milestones from 2024.

Taking key insights from the Capgemini Research Institutes report “A World in Balance 2024” we are renewed in our resolve to enhance the sustainability of our stakeholders.

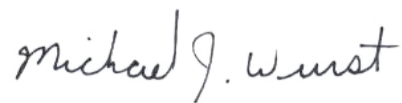
- Since 2022, organizations have progressed steadily in sustainability. In 2024, 72% of executives say that recycling is a core aspect of manufacturing, up from 53% in 2022.
- 75% of executives say they actively work to recover waste up from 54% in 2022.
- 55% of executives see a clear business case for sustainability in 2024.
- Included in this set of executives 80% of frontrunners are working towards a circular value chain, with increased emphasis on recovery, repair and reuse of materials and waste reduction.

Our WTS team embraces this opportunity to Materialize the Circular Economy by truly closing the loop within our stakeholder community. A circular economy and ecosystem comprised of customers and suppliers; generators and producers; end users and reclaimers; recyclers, processors, and distributors.

Throughout this report, you will find details around our Sustainable Materials Management Solutions which represent how we are materializing circular economy. From direct material use/re-use to reclamation, recycling and beneficial use solutions, we continue to innovate every day. In simplified terms, we believe products and by-products deserve a second life after their initial use.

We have a lot of work in front of us, however, materializing the circular economy is a reality through our solutions that avoid hazardous and non-hazardous waste generation. As we step forward as stakeholders together, we are aiming our connections and activities towards rigorous material flow management and truly closing the loop.

Together,




MICHAEL J. WURST
PRESIDENT

Message From WTS' Chairman



GARY P. HALL
FOUNDER & CHAIRMAN



It has been an incredible journey as we have continued to grow and prosper in our business now for over 40 years. We are unwavering in our commitment to our Environmental Stewardship and Goal Zero mantra in all that we do. We continue to evolve with new teammates and our team leaders who are working together to adapt and transition through our staff retirements and the ever-changing landscape of our industry. On the one hand we thank the many teammates that are a part of the fabric of WTS, who have retired or transitioned to the next part of their personal journey. On the other hand, we welcome new teammates with fresh perspectives, skills and the appropriate character for our WTS Culture.

What has been the most important element of our Sustainability Journey?

Our Culture.

- A culture built on safety in all that we do - our staff, our suppliers our communities all the stakeholders we engage with,
- A culture built on integrity, honesty and the Responsible Care® ethic,
- A culture built on compliance beyond the letter and intent of the law,
- A culture built on superlative service, keeping our promises and deliberately building trust,
- A culture built on caring, teamwork and collaboration while striving to lead by example,
- A culture built on learning and continuous improvement,
- A culture built on innovation, sharing ideas, transparency and learning from our mistakes
- A culture based on working on the right things for the right reasons

Looking at our Sustainability Journey over the past 40 plus years I am proud of our continuing social and societal commitments serving and supporting the underserved in our communities and around the world with our philanthropy. May the support we have had the privilege to provide to various charitable organizations be a catalyst to good and selfless works beyond their goals and objectives.

Thank you to all our stakeholders for allowing us to continue our mission, preserve and evolve our culture and we look forward to partnering with you for many years to come.

About Us

In alignment with our Vision, WTS is a place where customer-focused teams collaborate, objectively and responsibly, to deploy game-changing solutions technologies to enhance the sustainability of our stakeholders.

As a certified Responsible Care® Partner company, with 42 years of expertise of servicing industrial customers, WTS is one of the largest non-asset, and truly objective, chemical by-product management service providers. WTS offers an established network of professionals throughout the United States, with technical backgrounds and expertise as: chemists, engineers, information management specialists, logistic coordinators, account/project managers, environmental compliance managers, administrative specialists, and work- place health and safety managers. WTS works together with our customers and a pre-qualified network of suppliers, collectively creating innovation and value with sustainable materials management service solutions.



Our Core Values

Throughout our 40+ year history we've never lost focus on our Goal Zero Commitments and Core values:

- Objectivity leading to innovation and value creation.
- Teamwork built on Respect and Collaboration.
- Stewardship rooted in Responsible Care®.
- Integrity preserving Goal Zero everyday.
- Continual Improvement led by our People and Processes.

As a Responsible Care® Partner Company in good standing with the American Chemistry Council's Responsible Care® program, WTS is committed to excellence in all of our business endeavors.

WTS has adopted and strives continuously to adhere to the Guiding Principles of Responsible Care® in order to achieve our goals, including enhancing the Sustainability of our Stakeholders.



WTS' Executive Management has communicated the company's Responsible Care Management System® (RCMS) Policy as a means of promoting the company's "Goal Zero" Commitment to providing quality services that are protective of human health and safety as well as the environment.

GOAL ZERO commits to:

zero fines,
zero penalties,
zero compliance actions,
zero insurance claims,
zero safety incidents.



MICHAEL C. OLIVER
VICE CHAIRMAN

"GOAL ZERO has been a mantra and way of life for WTS since 1982 meaning that we strive for 100% compliance and zero safety concerns for all the services we provide our clients. Our commitment to GOAL ZERO covers all areas of our operations but none more important than the safety of our employees and the safety of our client's operations and their employees"

WTS' Sustainability Commitments

Vision

A place where customer-focused teams collaborate objectively and responsibly to deploy game-changing solutions and technologies that enhance the sustainability of our stakeholders.



Mission

To play a key role in powering a circular sustainable economy, in which by-products and materials are reclaimed and recycled to eliminate waste while reducing environmental impacts and conserving resources.

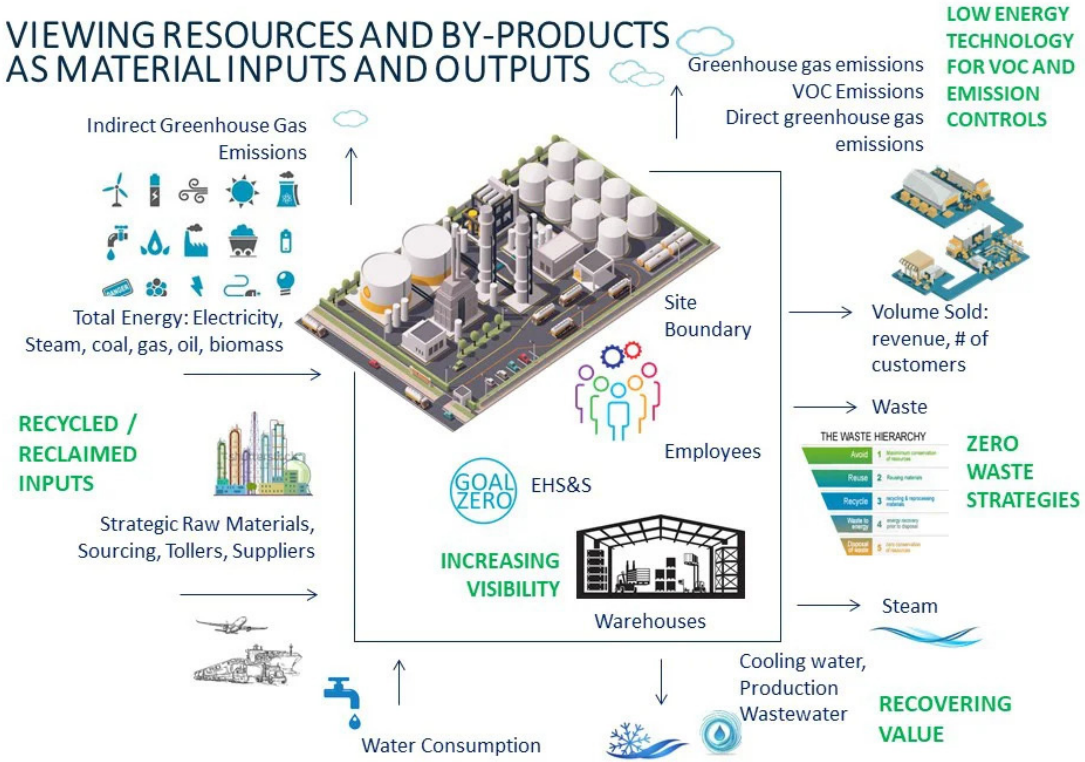


Pursuing a Circular Economy

The Linear Economy approach - TAKE, MAKE, USE and WASTE – is unsustainable. This approach results in discarded quantities of waste, depleted resources, production inefficiencies and lost profits as well as environmental and social risks.

A Circular Economy reduces material use, designing materials and products to be less resource-intensive while recapturing wastes as resources to manufacture raw materials and goods.

In alignment with the chemical industry, WTS is committed to playing a key role in the systematic transition to a Circular Economy, in which resources and materials are continuously cycled to eliminate waste, while creating value for all.



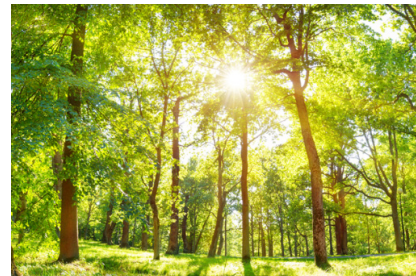
In pursuit of our company vision, WTS continues to demonstrate progress toward a circular economy by responsibly using natural resources and managing the reuse, repurposing, recycling and recovery of the value locked in discarded materials traditionally viewed as waste. Our Sustainable Materials Management services result in direct reuse solutions for discarded hazardous and non-hazardous chemicals and chemical by-products.

WTS' Sustainability Commitments

WTS' Responsible Care Management System® is the centerpiece of our commitment to sustainability as well as our development of safe and innovative technologies and sustainable service solutions designed to effectively manage discarded materials, products, regulated waste, wastewater, and recyclables, including single-use packaged items.

In 2024, our SMM service strategies and solutions were aligned with the American Chemistry Council's Sustainable Goals and categorical commitments, focused on:

- Healthy Climate
- Safe Chemistry
- Quality of Life
- Clean Water and Sustainable Practices.



In 2024, WTS participated in the EcoVadis Sustainability Program to demonstrate our commitment to improving our sustainability performance.

Since its founding in 2007, EcoVadis has grown to become the world's largest and most trusted provider of business sustainability ratings. The EcoVadis sustainability assessment methodology is at the heart of the company's ratings and scorecards and is an evaluation of how well a company has integrated the principles of sustainability/ESG into their business and management system.

The EcoVadis methodology is built on international sustainability standards including the Global Reporting Initiative, the United Nations Global Compact, and the ISO26000, covering 200+ spend categories and 175+ countries. The Sustainability Scorecard illustrates performance across 21 indicators covering the following four themes:

- Environment
- Labor & Human Rights
- Ethics
- Sustainable Procurement

The EcoVadis sustainability recognition levels are based on the percentile rank of a company's EcoVadis score and a minimum theme score. **In 2024, WTS was awarded a Silver medal (top 15%). WTS is committed to improving its EcoVadis medal status in alignment with our Responsible Care Management System® and our sustainability commitments.**

Enhancing the Sustainability of WTS’ Stakeholders

WTS continued to take a systems approach to managing, for our customers, regulated hazardous and non-hazardous waste in alignment with the processes and protocol documented in WTS’ updated Responsible Care Management System (RCMS) as well as our stakeholder expectations, for example:

- Minimizing waste generation
- Preventing multi-media risks associated with the release of hazardous pollutants
- Optimizing the recovery and reuse of industrial by-products, for example solvent-laden production waste
- Directly reusing slow moving or outdated products as well as unused, damaged and slightly off-spec chemicals
- Reclaiming industrial by-products as supplemental or recyclable raw materials
- Employing innovative technologies to eliminate and/or reduce chemical waste
- Reducing reliance on landfills for the proper disposal of waste
- Ensuring compliance with environmental policies and regulations governing the proper handling, accumulation, transport and disposal of regulated waste and hazardous materials
- Ensuring Safety Always and waste activity in alignment with WTS’ GOAL ZERO
- Promoting Circularity and the recycling of discarded resources
- Improving the productive utilization and management of resources allocated to the proper management of waste activities
- Engaging Stakeholders, collaborating on Innovative solutions, and communicating continuous improvements and accomplishments in alignment with sustainable goals and strategies.

Our renewed focus on Responsible Care engagement served as a catalyst for on-going continuous improvements and sustainable program accomplishments.

Living Responsible Care

WTS continued to engage our Responsible Care Management System® as a catalyst for Continuous Improvements. Our Team Huddles continued to connect our RCMS with our core values - SAFETY ALWAYS and GOAL ZERO – and to all of our decisions, assessments and actions.

“Responsible Care® is our keystone. It is the structural element that provides functionality to our entire operation.”



BRIAN CALIENDO
RESPONSIBLE CARE® COORDINATOR

Through WTS’s dedication to the Guiding Principles of our Responsible Care Management System, we’re pleased to announce that once again, we have met our Goal Zero Standard. This standard is our commitment to incur zero fines, zero compliance actions, and zero insurance claims. This result is the product of diligent work of our employees. Maintaining a level of excellence, of true dedication, is an enormous amount of effort and I’m extremely proud to share with you the work we have put in to achieve this.

Throughout 2024, WTS performed over a dozen individual audits that focused on a specific area of our RCMS®. Each and every one of these audits is performed annually to ensure we are 100% up to date on any changing circumstance that may affect our RCMS®. In addition to internal audits, WTS had the pleasure of bringing in two external auditors who also reviewed our systems. One of these auditors said, “[WTS] technology tools and RCMS integration with documentation for EHSS training, CARs (corrective action requests), supplier qualification, and profile development, for example, are robust and well integrated.”

All of the above is to say, WTS lives and breathes its Quality and Responsible Care Policy Statement. By virtue of what we do, sustainability for both WTS and our clients is at the forefront of our current and future endeavors. Sustainability within the chemical industry is a driving factor behind participation with the American Chemistry Council’s Responsible Care initiative. As a Responsible Care® Partner Company, WTS plays a major role in facilitating our clients’ journey towards their sustainability targets. We are proud to extol the values of our shared commitment to a circular economy, increasing recycling and reuse anywhere we can.”

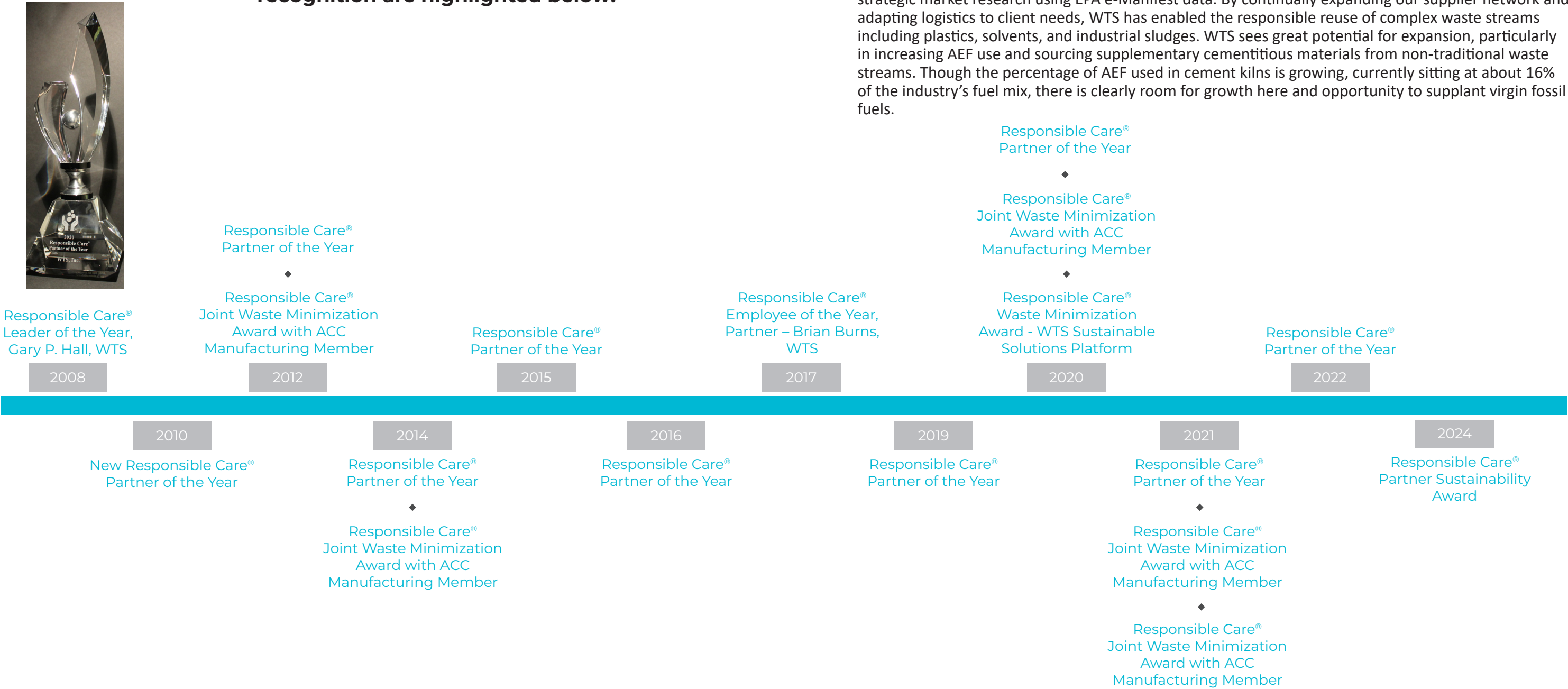
ACC Awards

Over the last 16 years, WTS has received several accolades and awards recognizing our company's waste Minimization Accomplishments as well as our contributions to environmental leadership as a Responsible Care® Partner Company.

WTS, has been recognized by ACC as Responsible Care® Partner of the Year for nine years. Additional awards and recognition are highlighted below:

WTS was presented with the Responsible Care Partner Sustainability Award at ACC's 2025 Responsible Care® Awards Program. Our project, Finding Creative Sustainable Solutions for Difficult-to-Recycle Materials, highlighted our strategic and impactful efforts in beneficial reuse and resource conservation. As a non-asset-based waste and byproduct management provider, WTS focuses on identifying the most sustainable end-of-life solutions for challenging materials that are difficult to recycle. In 2024 alone, we directed over 33 million pounds of waste into more sustainable applications, including fuels blending in cement kilns and alternative (AEF) programs. We also diverted over 77 tons of calcium fluoride sludge from landfills, repurposing it as a supplementary cementitious material. These efforts not only help clients to lower disposal costs and reduce landfill dependence but also contribute to lowering the greenhouse gas emissions associated with cement production—an industry responsible for about 8% of global GHG emissions.

WTS's sustainability initiative is built on rigorous supplier vetting, close client collaboration, and strategic market research using EPA e-Manifest data. By continually expanding our supplier network and adapting logistics to client needs, WTS has enabled the responsible reuse of complex waste streams including plastics, solvents, and industrial sludges. WTS sees great potential for expansion, particularly in increasing AEF use and sourcing supplementary cementitious materials from non-traditional waste streams. Though the percentage of AEF used in cement kilns is growing, currently sitting at about 16% of the industry's fuel mix, there is clearly room for growth here and opportunity to supplant virgin fossil fuels.



Stewardship Rooted in Responsible Care®



Health & Safety & Security

WTS provides a safe, secure and healthy work environment for all employees, stakeholders and others working on our behalf, including protecting and safeguarding the communities in which we work. [SAFETY WILL ALWAYS BE A CORE VALUE OF WTS.](#)

Compliance

WTS demonstrates its compliance with all applicable federal, state and local environmental, health, safety and security regulations as well as the Responsible Care® Guiding Principles and other relevant Responsible Care® Program requirements.

Quality

WTS provides its customers with the highest quality of services while protecting the integrity of the environment.

Pollution Prevention

WTS operates our business in an environmentally responsible manner and continues to offer services that stress environmental stewardship, sustainability, pollution prevention and that minimize the impact on the communities in which we work.

Continual Improvement

WTS operates our business in accordance with a well-defined Responsible Care® Management Plan, the elements of which routinely evaluate our performance and guide us as we strive for continual improvement.

Communication

WTS communicates applicable job responsibilities and business performance information with all employees in a manner that fosters and enables their successful participation in communicating our core values with our external stakeholders.

Ethics

WTS, by our words and deeds, conducts our business in a manner that is consistent with these commitments.



WTS' Quality & Responsible Care® Policy Statement



Responsible Care® Partner

The American Chemistry Council (ACC) extends its Responsible Care® ethic and management practices across the chemical supply chain through its Responsible Care® partner program. The Responsible Care® Partner Program is open to companies that have direct, substantial involvement in the distribution, transportation, storage, use, treatment, disposal, or sales and marketing of chemicals. Responsible Care® Partners adhere to the same Responsible Care® requirements as ACC members.

The entire WTS Team is committed to upholding the Responsible Care® Program Elements.

WTS became a Responsible Care® Partner Company in 2008. As a Responsible Care® Partner Company, in good standing with the ACC, WTS continues to collect and annually report performance data in the following areas:

- Employee, Product + Process Safety
- Chemical Supply Chain Security
- Product Stewardship, including managing product safety and product communications
- Environment
- Energy
- Accountability through our Management System Certification
- Community Outreach

What is a Responsible Care® Partner Company?

Responsible Care® Partner companies are businesses in the chemical supply chain that commit to continuously improve their health, safety, security and environmental performance by adhering to the Responsible Care Guiding principles and Management System within programs like American Chemistry Council's (ACC) Responsible Care Partnership Program. Some of the key characteristics of a Responsible Care Partner Company are:

- Commitment to Performance Improvement – WTS seeks to improve health, safety, security and environmental (HSSE) performance across all its operations and business activities.
- Adherence to Principles - WTS operates in accordance with the Responsible Care Guiding Principles and Management Systems, a framework developed by chemical industry associations.
- Integration of HSSE – WTS integrates HSSE into its daily business practices and it has established goals – SAFETY ALWAYS and GOAL ZERO – to drive performance and manage risks.
- Supply Chain Focus – WTS' programs extend its ethic and management practices beyond customer manufacturing to include the chemical supply chain, and all operations associated with storage, transportation and distribution.
- Transparency and Accountability – WTS continues to track and report its performance metrics and we are held accountable to independent management system certifications.
- Community Engagement – WTS continues to foster a positive perception through its communication about our safety and sustainability efforts.

By-Product Management

WTS continued to objectively and responsibly manage an array of hazardous and non-hazardous industrial by-products, including a number of unused and post-use recyclable products and packaging items. Our approach employed a multi-step by-product management plan, systematically designed for our network of professionals to work together with pre-qualified suppliers, collectively delivering sustainable waste service solutions aligned with customer requirements and performance expectations.



WTS continues to employ our by-product management plan methodology to support our customers with their on-going efforts to:

- Reduce, reuse and recycle generated quantities of production waste and packaging in alignment with sustainable goals and objectives
- Reduce “Total Waste Activity” expenses
- Ensure zero non-conformances with customer policies and procedures governing the management of regulated hazardous waste
- Reduce Scope 3 greenhouse gas emissions associated with by-product processing and material logistic services
- Minimize risks posed by suppliers pre-qualified for transport, treatment, reclamation, thermal destruction and land disposal of regulated waste.
- Examine and implement innovative technologies and sustainable material management service solutions designed to directly reuse unused chemicals and packaging while extending the useful life and value of all product outputs.
- Continuously improve the performance of environmental programs, tracking progress as well as documenting and communicating accomplishments.

Powering a Circular Economy

WTS continued to support customers with their efforts to power a circular economy. WTS’ approach toward a circular economy not only addresses the responsible reuse of chemicals and discarded facility resources, but it also enabled a systems approach that rethinks material inputs and outputs allowing for the recovery of value typically locked in discarded materials and packaging traditionally viewed as waste.

Using our network of logistic and material management service providers, WTS continued to demonstrate how to bridge the supplier and end-user network of raw material distributors and processors enhancing viable opportunities resulting in the direct commercial reuse of chemicals and discarded packaging.



WTS’ continues to employ a business model that is designed to connect and collaborate with waste-generating facilities in a manner that can yield continuous improvements in resource efficiency, while reducing environmental risks and striving for circular solutions throughout the supply chain.

Re-Packaging Warehouse Chemicals

WTS completed projects requiring the identification and re-packaging of unused and discarded chemicals, including unknown materials as well as packaging stored in warehouse operations and distribution centers. Our multi-disciplined team of environmental program managers and account managers effectively performed the following tasks in support of these projects, for example:

- sampling and testing materials to confirm hazard characteristics, chemical composition as well as physical properties
 - assimilating and reviewing relevant safety data sheets
 - preparing waste stream profiles and shipping documentation
 - pre-qualifying haulers, methods of management and suppliers offering required reuse, recycling, beneficial reuse, treatment, thermal destruction or disposal solutions.
 - Repackaging chemicals and unused packaging to ensure conformance with outbound shipping requirements.
 - Conducting compliance audits
 - Supporting in-plant remedial service requirements.
- Our projects factored in materials requiring re-work and secondary sales, ensuring critical supply chain partners meet the SMM protocol established within WTS' Responsible Care Management System.



WTS was approached by a client to carry out a warehouse cleanout involving the classification, packaging, transportation, and disposal of over 610,000 pounds of expired and damaged product spread across 5 different warehouses.

Our client required this project to be completed in 2 months. Inventories were fluid and changing daily. Throughout this project WTS created 80 waste profiles in total and we were able to complete this project on the client's timeline. Finally, WTS identified a TSDF capable of using some of the materials as raw materials instead of going to landfill/disposal.



Warehouse Cleanout Scope



After Employing WTS' Services

Safety Always

The Health and Safety of WTS's employees is the number one priority for us as a company. In fact, in our Quality and Responsible Care® Policy Statement, our first guiding principle reads, "We will provide a safe, secure, and healthy work environment for all employees, stakeholders and others working on our behalf. We will protect and safeguard the communities in which we work. Safety shall always be a core value of WTS."

It's easy to simply put those words onto paper, but through our Responsible Care® program meaningful action is behind them. Throughout each year, there are numerous examples of WTS engagement with employees regarding H&S.

Annually, we:

- Remind folks of our Employee Assistance Program – a free service with trained professionals that can help with stress, finances, and counseling.
- Evaluate each of our Health and Safety policies,
- Survey our employees and ask them to report on their job tasks that they consider to be of highest risk – those are evaluated as a team and we ensure proper controls are in place,
- Perform regulatory training, training on HR related issues, and distribute reminders on important policies and procedures,
- Distribute white papers regarding H&S risks of changing seasons, ergonomics, and field operations,
- Conduct emergency drills,
- Evaluate all of our approved suppliers OSHA records and their compliance records,
- And host multiple audits to ensure our systems are functioning as intended.
- A lot of time and energy gets put into ensuring our systems are running correctly. Through the health and safety implementations we employ by our RCMS®, this provides our employees with the safest possible working conditions.

"We prioritize the health and safety of our stakeholders and highly value getting our employees home safe and healthy"



TOM DOBMEIER
EHS&S Manager

Sustainable Materials Management

"Sustainable Materials Management (SMM) is the WTS process designed to use and reuse materials more productively over their entire product lifecycle by objectively evaluating material inputs and outputs, and responsibly connecting producers and end-users of unused chemicals and by-products, thus increasing circularity".

Our SMM service strategies involve:

- The direct reuse/sale of slow-moving or outdated as well as unused, damaged and slightly off-specification chemical raw materials, finished chemical products, branded and post-use packaging, and production by-products.
- The reclamation/recovery of discarded by-products as supplemental raw material ingredients with economic value.
- The management of discarded resources for end-of-life management.



Introducing Paul Ameis, WTS Vice President



PAUL AMEIS
VICE PRESIDENT

“At WTS, I help lead our Sustainable Materials Management (SMM) efforts by combining deep technical expertise with a practical, solutions-oriented approach to complex material challenges.

My background spans chemical manufacturing, waste management, and by-product innovation, giving me a unique ability to see both the operational and strategic sides of sustainability. Guided by WTS’s core values of objectivity, integrity, and stewardship, I approach every project with a focus on delivering solutions that balance environmental responsibility with business value. Over my career, I’ve partnered with Fortune 500 manufacturers, specialty chemical producers, and advanced materials companies to design programs that move beyond compliance to true product and resource stewardship. I bring to WTS not only years of experience in chemical process optimization and by-product management technologies, but also a proven record of building collaborative supplier and customer networks that unlock direct reuse, reclamation, and recycling opportunities once thought out of reach. Within SMM, I focus on three areas of impact:

- Resource efficiency and reuse – helping clients repurpose by-products, co-products, and residual streams as feedstocks, fuels, and raw materials.
- Sustainable supply chain integration – aligning waste and by-product strategies with broader ESG and Scope-3 objectives.
- Risk and compliance leadership – ensuring every solution meets the highest standards of safety, regulatory integrity, and Responsible Care/RCMS expectations.

What I bring to WTS is a balance of technical insight, commercial creativity, and stakeholder trust-building. That mix enables us to help clients achieve their sustainability goals while lowering costs, reducing liabilities, and capturing measurable environmental benefits. My role is to ensure WTS continues to be not just a service provider, but a trusted strategic partner in sustainable solution management.”

Working Together

WTS worked together with its customers, and its pre-qualified and approved network of suppliers, to create sustainable waste solutions, aligned with customer expectations and service requirements. The company’s network of professionals effectively managed an array of waste-generating activities for customers with manufacturing and/or distribution centers in the following industry sectors:

- Chemical manufacturing
- Specialty Chemical
- Glass Manufacturing
- Biotechnology
- Pharmaceuticals
- Personal Care/Beauty
- Construction
- Defense
- Semiconductor Manufacturing

Some examples of our efforts and sustainable service solutions are summarized below:

Chemical Manufacturing

WTS expanded its service offerings and solutions for chemical manufacturers, collaborating to strengthen sustainable operations and promote responsible material management across production and research activities. Our sustainable waste service solutions focused on advancing recycling and beneficial reuse strategies for both hazardous and non-hazardous regulated wastes that have traditionally depended on incineration and landfill disposal. These services were effectively applied to unused raw materials, process by-products, off-spec or expired chemicals, solvent residues, inorganic wastes, and a variety of packaging materials—including drums, totes, multi-component plastics, glass containers, cardboard, and pallets—helping manufacturers reduce waste generation and improve circularity across their operations.



Working Together

Cosmetic Manufacturers

WTS transitioned and implemented sustainable material management service solutions for unused, branded packaged items used as raw materials with cosmetic manufacturers. The goals of this program focused on reduced reliance on Waste to Energy for secure destruction. The service challenges included: sorting and handling unused inventory, secure transport of packaged items, optimizing load weights of outbound shipments; secure de-packaging and destruction of packaged branded items; handling, sorting, processing and transporting shredded items for commercial recycling. Working in collaboration with our customer and our pre-qualified supplier network, WTS was able to certify destruction and recycling of fiber-based boxes, single-and multi-component plastic items with variable properties and resin types, and glass containers with variable colors, properties and composition. All of the packaged items were branded and the certificates of secure destruction were provided in accordance with the customer's security documentation requirements.

In 2024 at one client site WTS facilitated the recycling of over 375,000 lbs. of material including:

- 125,000 lbs. of OCC and fiber packaging
- 55,000 lbs. of glass
- 195,000 lbs. of plastic



Bioscience/BioPharmaceutical Manufacturing

WTS expanded its service offerings and solutions with bioscience and biopharmaceutical manufacturers, working collaboratively on improvements to sustainable practices resulting in responsible material use, in particular single-use plastics. Our sustainable waste service solutions addressed recycling and beneficial reuse strategies for regulated hazardous and non-hazardous waste that relied on incineration and landfills for disposal. Our service solutions were effectively applied to unused chemicals, solvent by-products, inorganic waste, packaged lab chemicals, single-use technology by-products and packaging including multi-component plastic items, glass containers, cardboard and pallets.

Pharmaceutical Manufacturing

WTS collaborated with a major pharmaceutical manufacturer on sustainable service solutions that diverted regulated non-hazardous solid waste from landfill and Waste to Energy commercial operations. WTS service solutions included managing discarded production material and packaging as well as off-spec and expired packaged products as recyclables and feedstock for beneficial reuse. Our challenges included: single use shredded multi-component plastic injectables, discarded packaged plastic bottles with saline solution, type 1 borosilicate glass containers, an array of plastic containers, pallets and packaging, plastic caps, butyl rubber stoppers, cardboard and confidential labels.

WTS identified service suppliers that employed commercial operations to sort and process these categorical wastes into reusable materials.

At 2 sites for one pharmaceutical client in 2024, WTS managed the recycling of over 1 million lbs. of material including:

- 179,000 lbs. of cardboard
- 270,000 lbs. of glass including both shredded glass and unused glass bottles
- 70,000 lbs. of plastic including bottles and trays
- 63,000 lbs. of plastics with sterile water



Working Together

Semiconductor Manufacturing

WTS serviced several customers in the semiconductor manufacturing industry, providing sustainable solutions that diverted regulated hazardous waste from landfill and waste to energy operations. WTS’ solutions included the beneficial reuse of:

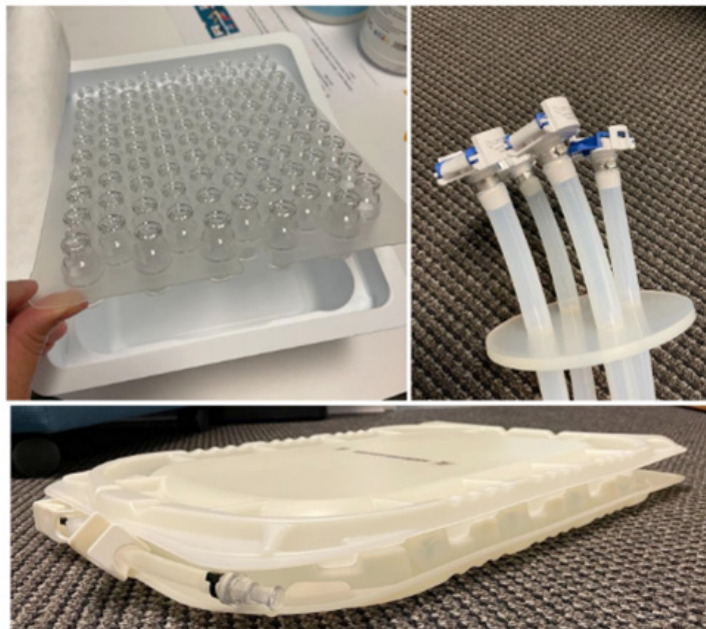
- 1,254,000 lbs. of Cyclohexanone
- 26,000+ lbs. of NMP
- 420,000 lbs. of aqua ammonia
- 55,000 lbs. of calcium fluoride sludge in a cleaning application
- 446,000 lbs. of NBA
- 105,000 lbs. of Methyl Isobutyl Carbinol

WTS leverages its supplier network to find buyers for byproducts of semiconductor managing. This work is largely carried out via distributors within the Alliance for Chemical Distribution under the framework of Responsible Distribution™.

BioPhorum webinar

In 2024 WTS presented at BioPhorum on the topic of Sustainable Waste Management in Biopharmaceutical manufacturing. WTS’ presentation covered our solution for single waste plastics in the biopharmaceutical manufacturing industry. Our client required a sustainable solution for approximately 5.5 million tons of single-use technology generated at the facility each year.

Originally, this client’s waste was going into landfill. WTS introduced an autoclave solution to transition this to waste to energy.



Stakeholder Communication

WTS strives to communicate regularly with our stakeholders to inform them of new developments in our work, new sustainable solutions offered, regulatory updates, e-Manifest updates, and an array of other topics.

This outreach takes several forms. In our quarterly newsletters we provide updates from our President and CEO Michael Wurst, along with technical blogs and references addressing regulatory updates, discussion of emerging legislation, waste management challenges and solutions, sustainability and workplace safety, and case studies covering WTS’ sustainable solutions.

Our Team Huddles are a monthly opportunity for connect the internal stakeholders at WTS, to drive home our core values and commitment to safety and objectivity, while also providing the WTS Team with updates on the direction of the company, new projects, key priorities, and to highlight the achievements and accomplishments of our colleagues.



WNY
Sophomore
Externship
Experience

In 2024, WTS participated in the WNY Sophomore Externship Experience (SEE) with the University of Buffalo. This program matches local college sophomores with paid externship opportunities at organizations throughout Western New York during the summer following their sophomore year. The SEE program seeks to provide students with early job experience and to give them exposure to the job market in Western New York with the hope of retaining top talent in WNY.

Community
Outreach

As part of our community outreach WTS supported:



In the initial summer our interns focused on a variety of research projects on the plastics recycling market. This summer, we participated again, and the WTS externs focused their efforts around completing life-cycle analyses surrounding certain recycling and reuse projects either being carried out or pitched by WTS to our clients. The data was invaluable in communicating the benefits of our sustainable solutions to our clients. In addition to the life-cycle analyses the WTS externs took part in a number of other research tasks, and also spent time shadowing and working on projects under our TSR and admin teams. A highlight for the externs this year was going on a site visit to an electronics recycling plant that WTS works with regularly.

WTS has benefited greatly from participation in the SEE program and we look forward to continued participation as the SEE program expands in the future.

- Charity for Children
- Canisius High School
- The First Tee of WNY
- Niagara Falls Memorial Medical Center
- Niagara Falls Little League Baseball Sponsor
- Summit Life Outreach
- Heart Love & Soul Food Pantry
- Lewiston Porter Senior High School
- Roswell Park Cancer Institute
- Sweet Home Dollars for Scholars
- Nardin Academy
- LaSalle Preparatory School (Femail Empowerment Conference)
- Health Association of Niagara County Inc (Kids & Kites)
- Village of Lewiston Recreation Department
- Friendship Memorial Golf Sponsor
- Air Waste Management Association of Niagara (ENVIRUN)

Community Outreach



Gill Creek Park Cleanup in Niagara Falls

In April, 2024, WTS employees took part in a community effort led by the Buffalo Niagara Waterkeepers Shoreline Sweep, removing many bags of garbage and recyclables from around the park. WTS partnered with the Army Corps of Engineers and our friends from Fujifilm to assist in cleaning up Lake Somerville. An estimated 1,200 pounds of plastic, glass, styrofoam, fish line, and miscellaneous trash were removed.



Community Service

Thomas Stanczyk of WTS received a Certificate of Recognition from New York State Senate Minority Leader Robert Orth, along with a Recognition with Appreciation for 50 years of service and dedication to the Sweeney Hose Company #7 Volunteer Fire Department and the community they service.



Sweet Home Dollars for Scholars



WTS donated to the Sweet Home Dollars for Scholars event which included a scholarship being given to a bright and deserving individual named Ian. Ian will be attending Geneseo studying Chemistry and on his scholarship application demonstrated strong community involvement much of which was volunteer work with various charities.

E-Waste Event at WTS

On August 2, 2024, WTS held an E-Waste Event at our Lewiston Office. Employees, friends, and neighbors brought bulbs, batteries, and unused electronic recycling to be collected by SunnKing, an electronic recycler in Buffalo, NY. All the monies recovered from the 545 pounds of e-Scrap collected were donated to Camp Good Days & Special Times in Rochester, NY.



Red Cross WNY Heroes

WTS was a sponsor for the Red Cross WNY Heroes Luncheon. The Western New York Real Heroes Celebration honors those who have embodied the American Red Cross mission by saving the life of another or having a positive impact in the community.



WNY Real Heroes Celebration

Charity for Children Fundraiser

2024 Charity for Children Event

On June 15, 2024, WTS sponsored the Charity for Children event. Many community programs utilize the RCWJ-NCC facility at a reduced rate or for free, giving access to community youth from the underserved population of Niagara Falls and surrounding areas. The two-day fundraiser boasted a fishing tournament on the Lower Niagara in which over 400 fish were reeled in. Forty golfers also teed off at the Niagara Falls Country Club. Participants from both events gathered for dinner alongside members of several community organizations that would benefit from the monies raised.



GARY P. HALL
FOUNDER & CHAIRMAN

“The event was a great success! We were able to raise over \$180,000 to benefit the Ralph C. Wilson, Jr. Niagara Community Center in Niagara Falls that directly impacts the lives of the youth in our community.”



Where Objectivity Flourishes

WTS continues to evolve as a place where customer-focused teams collaborate, objectively and responsibly, to deploy game-changing service solutions and innovative technologies to enhance the sustainability of our stakeholders.





LEWISTON, NEW YORK