TRIUMVIRATE ENVIRONMENTAL

SERVICES

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OVERVIEW

www.triumvirate.com

888.TEI.WOWS

Turnkey Service Provision

1. Chemical Management/Shared Services/Inspections

Our chemical management/shared services program is designed to suit your needs and keep you in compliance while handling the complexities of managing waste and chemicals. Services include plan development and implementation, building and laboratory inspections, accumulation area setup and maintenance, secondary containment concerns, escape route planning, chemical compatibility concerns, handling highly hazardous, unstable, and temperature sensitive chemicals, and standard operating procedures for waste and chemical management.

2. Chemical and Laboratory Moves

Triumvirate excels in planning, organizing, coordinating, overseeing, and implementing any chemical move. From the most complicated move to a single lab move, we ensure safety and efficiency every time. Do not take the risk of moving highly sensitive, regulated, and expensive chemicals without our help.

3. Environmental Consulting

We help guide you through the regulatory maze of EPA, OSHA, DOT, NFPA, as well as state and local agencies. Our professional staff can write SPCC, emergency response, and integrated contingency plans. We can also file air emissions permit applications and assist you in preparing for unexpected audits and inspections. We objectively analyze your situation and needs and guide you on the path toward compliance. Triumvirate Environmental offers a broad consulting services portfolio including:

a. Workplace Safety Auditing (OSHA/NFPA)
b. Generator Facility RCRA Auditing
c. Safety Program Development
d. SARA Title III Inventory & Reporting
e. HazMat Shipping Procedure Development

4. Lab Pack Services

Triumvirate is the expert when it comes to safe, reliable lab pack services. Our lab pack team consists of highly skilled, degreed chemists and technicians. The experience and technical knowledge of our staff enables us to safely and effectively handle corrosives, oxidizers, shock sensitive materials, reactive materials, aerosols, flammable solids, flammables, toxic material, compressed gases, pesticides and more.

5.. Drum & Bulk Disposal

Triumvirate Environmental is the preferred company when it comes to handling drum waste and bulk loads. We are able to quickly profile almost any waste stream. In addition, our personnel are thoroughly versed on labeling, manifesting, land bans, and all associated DOT and facility paperwork. The experience and technical knowledge of our staff enables us to safely and effectively handle a multitude of waste streams.

6.. Compliance Training

Through our intensive compliance training courses, we help satisfy your organization's training needs with regards to EPA, OSHA, DOT, NFPA and state and local regulations. In addition to the general quarterly training session, we also offer client/site specific training courses focused specifically on your organization's needs. Frequently, we host industry specific roundtables to keep you updated on relevant regulatory changes.

7. Wastewater Services

We provide sampling to ensure your facility is in compliance. In addition, we offer full O&M of your system as well as creative solutions to help you stay in compliance with water discharge laws. We have systems that take a variety of metals such as Mercury, Silver, Copper, Arsenic, Chrome, and Zinc out of the water without the excess waste byproducts. We can also perform permit management and reporting.

8. Emergency Response

We have multiple 24-hour, 7-day a week response teams to help you with any emergency situation. Our teams include incident commanders, chemists, field technicians, and drivers. In addition, we will proactively work with you to make sure we minimize the chance of emergencies.

9. Tank Services – Cleaning, Pulls, and Installations

Our tank services include the cleaning, transportation and disposal of non-hazardous and hazardous material from oil tanks, grease traps, oil and water separators, and acid neutralization tanks. In addition to tank cleanings, we also offer tank removal, maintenance, repair, upgrade, and installation services. We provide you with a variety of options for both above ground and underground tanks and can assist in leak detection, permit application, report documentation, and remediation projects.

10. Decontamination Projects

As your facilities undergo constant change, you must prepare to cleanup areas of possible contamination. With our technically expert field personnel and knowledgeable project management staff, Triumvirate Environmental specializes in handling any type of chemical decontamination. Some examples of typical facility cleanings and/or closures include mercury pipe cleaning, sink traps, plating lines, manufacturing lines, fume hoods, air ducts, chemical or paint processing lines and drainage pipes.

11. Site Assessments

Triumvirate Environmental has completed more than 2,000 site assessments. We have performed Phase I and Phase II Assessments under ASTM requirements, EPA Brownfields Funding, and state-specific regulatory rules and regulations. Professional Site Assessments/Reviews/Transaction Screens are conducted in accordance with the requirements of ASTM 1528-00 “Standard Practice for Environmental Site Assessments: Transaction Screen Process”, ASTM E 2247-02 “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, “Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process” ASTM E 1903-97 (2002) and the “ERIC Property Transfer Liability Insurance” guidebook. Additionally, recent revisions to the Federal Brownfields Law identified “all appropriate inquires” for investigations.

Triumvirate Environmental continually evaluates and incorporates these and other regulatory changes into assessment practices. Triumvirate Environmental is following the proposed program for “all appropriate inquiry (AAI) standards for site assessments. Triumvirate Environmental has completed environmental assessments of commercial, industrial, retail, residential and governmental properties throughout the northeastern United States.

12. Risk Assessments

This is a major component of the phased site investigation process. We will fully evaluate all risk to human health, public welfare and the environment. Triumvirate has prepared hundreds of risk characterizations under the MCP. The complexity of these risk characterizations has ranged from simple Method 1 assessments covering residential fuel oil releases to developing standards and evaluating indoor air impacts under Method 2, to complex Method 3 assessments for large chemical manufacturing properties and Brownfield sites. Contaminants of concern (COCs) have included petroleum hydrocarbons, chlorinated volatile organic compounds, polycyclic aromatic hydrocarbons (PAHs), metals, polychlorinated biphenyls (PCBs), pesticides, and compounds associated with fill containing coal, coal ash, and wood ash.

13. Site Remediation

Triumvirate Environmental's professional staff has extensive experience with surface and subsurface remediation of hazardous wastes and petroleum contaminated sites. Our professional LSP services compliment the site remediation activities to provide a turnkey solution to environmentally stressed properties. Our design/build team maintains constant contact with specialty remedial action consultants and vendors to provide our clients with state-of-the-art remediation options at competitive prices. Triumvirate also owns and is currently operating several portable carbon treatment units for spill response projects. Remediation project services include:

a. Facility Decontamination & Dismantling
b. Construction Dewatering, Treatment & NPDES Permitted Discharges
c. Contaminated Soil Excavation, Transport, Recycling or Disposal
d. In-situ Treatment – SVES / Activated Carbon / CATOX / Chemical Oxidation and Biodegradation
e. Groundwater Pump & Treat Systems - Product Recovery

14. Massachusetts Contingency Plan Compliance

Strong experience in all phases of this most important and all-encompassing regulation. Our senior staff of Licensed Site Professionals (LSP's) can provide the preparation of Immediate Response Action (IRA), Release Abatement Measure (RAM) and Comprehensive Response Actions (CRA). We can also provide the necessary turn-key services and appropriate project management overview to bring your project to a cost effective and on-time ending. All site workers are fully trained to meet with requirements set forth in OSHA regulation 29 CFR 1910.120 (HAZWOPER).

LIFE SCIENCES SPOTLIGHT SERVICE: PROJECT JUMPSTART

Triumvirate Environmental's Project Jumpstart provides a risk management and impacts assessment. Our program focuses on a corporate strategic view of current environmental, health, and safety programs. It creates an appropriate strategy to ensure compliance in the short-term, while providing sustainability for the long-term.

Why Project Jumpstart?

- Evaluate existing programs and systems from a risk management perspective
- Understand the "big picture" of current compliance status
- Develop a strategic vision for an environmental, health, and safety platform
- Address identified issues of non-compliance through a corrective action plan
- Implement the corrective action plan
- Execute customized program to ensure timely compliance
- Provide resources to ensure program sustainability and assist in safety committee creation
- Collaborate with employees on program management
- Centralize EH&S function to allow employees to focus on primary job responsibilities and mission-critical projects

Program Deliverables

- Corrective action plan
- Compliance calendar
- Labor resources to implement and sustain the customized program

Disciplinary Focus

RCRA – Hazardous Waste
OSHA – employee safety
EPCRA – Community & Emergency Planning
DOT - Transportation
TSCA – Controlled Substances
NFPA/Fire Code – Local Flammable Storage
DHS – Chemicals of Interest & Security
CAA – Air Review
CWA – Water Review
Biosafety
Industrial Alcohol Usage
Wastewater
Radiation Safety
rDNA Registration

Project Jumpstart Personnel Areas

Environmental
Safety
Wastewater
Waste Management

HEALTHCARE SPOTLIGHT SERVICE: PHARMACEUTICAL MANAGEMENT PROGRAMS

Confusing regulations have made many hospitals unsure of how to dispose of or manage pharmaceutical waste. With over 20 years experience in the healthcare industry, Triumvirate Environmental can create a customized pharmaceutical waste program to suit all of your needs.

Triumvirate currently manages hazardous waste disposal in over 185 hospitals and healthcare facilities throughout New England and the Mid-Atlantic; we understand the daily needs and regulatory drivers of the healthcare arena. We can help you to cut costs, meet regulatory requirements, and create a safe environment in your facility. Let us create compliance in your Healthcare Facility while you focus on the true priority of healthcare: patient care and employee safety.

What does pharmaceutical waste include?

- P-listed non-sharps
- U-listed trace non-sharps
- U-listed bulk non-sharps
- U-listed sharps bio and non-bio
- P-listed sharps bio and non-bio
- Characteristic pharmaceuticals
- Chemotherapy waste

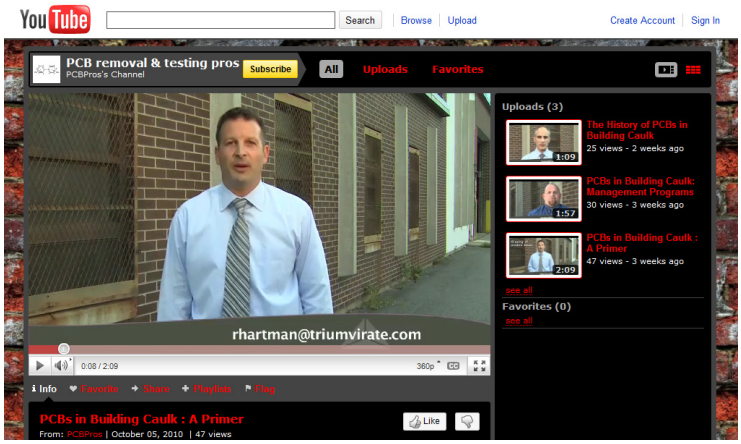
The Triumvirate Difference

- We understand the sensitivity surrounding the pharmacy and the need to consider patient care and employee safety
- We can easily integrate the pharmaceutical waste program into existing waste programs
- Triumvirate will create customized and site specific onsite training for your staff
- We create pharmaceutical waste management programs focused on the Join Commission Standards, specifically Environment of Care

Hospital Benefits

- Maintain compliance with local, state, and federal regulations
- Regulatory agencies have increased focus on pharmaceutical compliance; we can help you avoid hefty enforcement fines
- Keep employees and patients safe by properly storing wastes
- Create compliance with the Joint Commission Environment of Care standards for accreditation

HIGHER EDUCATION SPOTLIGHT SERVICE: PCB MANAGEMENT



An emerging environmental health issue with wide-ranging implications - for all facilities, especially for schools - is the presence of PCBs in building related material including caulking and paints. While EPA Headquarters and Regional offices develop more specific policy and regulations, schools and other facilities are left little guidance to assist them in weaving their way through this very complex, expensive and time-consuming issue.

Triumvirate Environmental has been actively PCB in caulkengaged on this issue for the past 5 years with policy/strategy development, testing programs, project/remediation management, as well as developing innovative, cost-saving remedial approaches.

HIGHER EDUCATION SPOTLIGHT SERVICE: GO GREEN PROGRAM

Triumvirate Environmental recognizes that as a company whose primary business involves handling, transporting, and disposing of hazardous and radioactive materials, we have a civic duty to act as stewards of our environment. As such we have made efforts to reduce the environmental impact of our own operations and those of our clients to the greatest extent possible. Our sustainability program encompasses two distinct categories: evaluation of our own corporate stewardship initiatives and providing customer-focused innovative services to meet our client's specific sustainability goals. As a leader in sustainable environmental operations, Triumvirate is committed to working within NIH Environmental Management System (NEMS) infrastructure in order to implement creative and practical sustainability solutions.

Client Focus

Triumvirate is a service organization, meaning that we focus on creating a seamless customer experience and therefore seek to align our own operational goals with those of our clients. In so doing, our intent is to go above and beyond our client's expectations, which creates a positive lasting impression and leads to long-term partnerships. This mindset allows our team to identify and implement a number of creative solutions to meet our customer's unique needs. Consequently, rigorous waste reduction and reuse procedures are a core part of Triumvirate's approach to waste management. To this end, we have been proactively involved with our clients to utilize alternative disposal technologies that are less harmful to the environment, with recycling being the preferred methodology. Across the company, we have been able to utilize our resources and expertise to find innovative facilities and technologies that can give our clients EPA-recognized recycling alternatives.