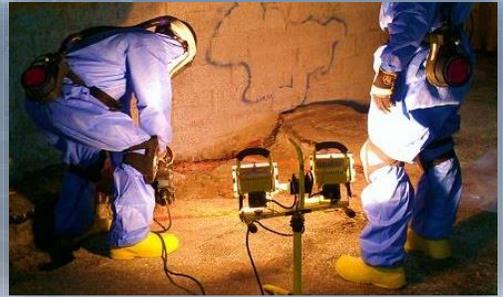


Statement of Qualifications



Decontamination Decommissioning & Environmental Services, LLC

Preserving our Clients' Best Interest



DDES LLC

345 North Avenue, Second Floor
Wakefield, MA 01880
978.278.3399

www.ddesllc.com





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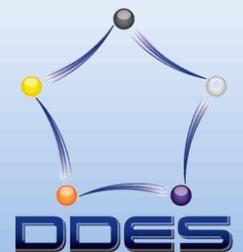
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1

Company Profile



Our History

Since 2010, DDES LLC's founders have shared a passion for the sciences and for meeting the demand for specialized radiological support for the research and development (R&D) industry. A small business based in Wakefield, MA, DDES provides environmental and decontamination and decommissioning (D&D) solutions to clients primarily in the pharmaceutical, biotechnology and research industries.

Our Mission

We understand that innovation and agility keep you on the leading edge. DDES supports your edge by providing approaches that are financially responsible and in the best interest of our clients. Our full-time, experienced professionals build **long-term** client relationships, seek **quality** solutions, apply **creativity**, and utilize leading **technology** to solve complex health physics and radioactive waste management problems. Our goal is to preserve our clients' best interest and to minimize wastes and their impact to the environment.

Our Primary Service Areas

- Decontamination & Decommissioning
- Hazardous Material Abatement
- Radiation Protection Site Support
- Radioactive & Mixed Waste Management
- Hazardous & Radiological Control Systems
- Environmental Characterization & Remediation

Preserving our Clients' Best Interest



Our Safety Commitment

Every DDES project, large or small, is backed by our well-trained and safety-conscious personnel. Personnel training and project safety receives our highest priority. We promote proactive responses, build employee ownership, and recognize safe work practices. All personnel adhere to our stringent corporate health and safety programs, are 40-hour HAZWOPER trained, and certified as radiation workers under our MA Radioactive Materials License. Additionally, DDES prepares site-specific Health and Safety Plans for each project to minimize risk and prioritize safety.

What sets DDES apart?

- 1st** ▶ We're in it for the long haul, with people who are family and ownership-oriented.
- 2nd** ▶ We see each project as an invitation to build a mutually beneficial, lasting partnership, not as an interim, profit opportunity.
- 3rd** ▶ We'll be there when you need us, stay as long as it takes, and pump more energy, **quality**, **creativity**, **technology**, and know-how into our partnership with you to do the job right.



Integrated Project Team

Our in-house staff includes certified and licensed experts in each of our service areas who provide valuable insights from a collaborative perspective into your particular D&D challenges.

Mobile, Full-Service License

DDES performs your D&D under our full-service **RADIOACTIVE MATERIALS LICENSE** to speed the decommissioning process and limit corporate liabilities for compliance. DDES’s license, issued by the Massachusetts Department of Public Health’s Radiation Control Program, applies to D&D performed in Massachusetts and can be applied to any site nationally under reciprocal agreement.

Latest Technologies

Using the latest technologies, we accurately delineate areas that meet decommissioning criteria to reduce labor needed for D&D activities, thereby minimizing contaminated waste generated from remediation and its associated disposal costs.

ISOCS NDA Analysis

DDES professionals designed and implemented a program using a remote portable ISOCS system to quantify isotope and activity levels in intermodal containers. This system allowed our client to live-load and immediately ship over 4 million pounds of radioactive waste.

What do our clients say about us?

“They were always evaluating the situation and developing processes that reduced required labor and waste. Their project management team was well organized and looking into the future to ensure that resources were available and ready when needed. DDES was a major component in Strube’s survival and early completion of this project.”

— **Brian, Strube Inc.**

“...[Of] the five companies that have been awarded similar projects over the course of the past two years, DDES has outperformed every single other company in every possible way.”

— **Andrew, Military Division**

DDES is a leader in providing solutions to the pharmaceutical, biotechnology and research industries and is proud of our earned reputation as a safe, economical and efficient contractor. Our mission is to preserve our clients’ best interest, and we work with that mission in mind.



Onsite Waste Minimization

2

Primary Service Areas



1 Comply with radiological and environmental requirements.

As a R&D company, you face countless challenges in bringing new products to the market place. Environmental and radiological compliance shouldn't be in that list. Let DDES help you concentrate on your primary business mission, while we execute your decontamination and decommissioning (D&D) needs, such as:

- Characterization and final status survey design and implementation (MARSSIM)
- Decontamination of facilities, interior surfaces and process equipment
- Computer dose modeling and assessments (DandD, RESRAD)
- Facility license termination activities and Final Status Survey Reports
- Asbestos, Beryllium, and Lead Abatement
- Dry Ice (CO₂) blasting
- Hazardous/non-hazardous waste transport disposal assistance
- Emergency response and cleanup of radioactive and hazardous materials

2 Find the right D&D Support.

You need solutions from an experienced D&D support firm who understands your bottom line as well as your highest ambition. *This is DDES.* We are seasoned professionals intent on partnering in a long-term relationship to solve your environmental and radiological compliance problems while preserving your best interest, minimizing wastes, and nurturing our environment.

4 things every R&D company must do.

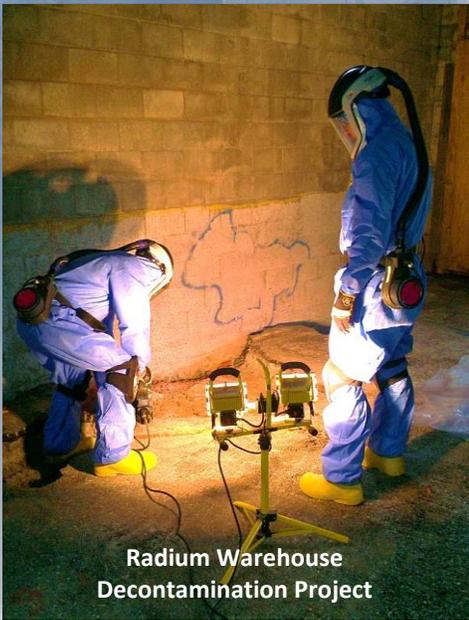


3 Trust the experts.

Gaining expert knowledge starts with asking the right questions—something DDES's professionals have been doing for a combined 50+ years. Our team has an **unblemished track record** of executing D&D projects at sites impacted with a variety of hazardous constituents, from single designated laboratories to multi-building campuses. We offer **turnkey services** for radiological, chemical and biological D&D needs. DDES possesses a Massachusetts Radioactive Materials License specifically designed for decommissioning within the confines of Massachusetts as well as via reciprocity with the Nuclear Regulatory Commission (NRC) and Agreement States throughout the US. **DDES is the only** licensee in the Commonwealth of Massachusetts with such a license. DDES' program has been reviewed by numerous regulatory agencies and has a 100% compliance record.

4 Concentrate on the mission.

Relying on DDES for all required phases of a D&D project enables you to focus on your primary business objectives. We provide accountability from start to finish, ensure consistency in quality and safety, minimize risk and liability, and execute **on time, within budget and in accordance with regulatory compliance.**



Our D&D Approach

When a change in facility use occurs where radioactive materials are used, DDES conducts a comprehensive characterization survey of building surfaces and systems. Our comprehensive approach includes evaluation of floors, walls, laboratory cabinetry, instrumentation, fume hoods, exhaust ventilation, drain and vacuum systems.

We ensure that materials exceeding acceptable values are decontaminated/packaged efficiently as radioactive waste.

Our job isn't complete until...



Our Ra-226 Warehouse Decommissioning approach helped keep a small, local business open

- By free releasing inventory for recycle, DDES was able to provide the client with revenue to help fund remaining decommissioning efforts.
- By implementing a high pressure compactor during decontamination, DDES saved the client project funds and minimized their environmental footprint.
- By using our waste management plan for packaging and shipping contaminants, DDES cut shipping and disposal costs in half from previous shipments.

We achieve unrestricted release at sites where others have failed.



Project Snapshot: Ra-226 Warehouse Decommissioning

DDES successfully achieved radioactive material license termination for a confidential client in eastern Pennsylvania. During the decommissioning process, DDES employees free released 5.5 million pounds of warehouse inventory from four warehouses. By free release and later recycling the inventory, DDES was able to provide the client with revenue to help fund the remaining decommissioning efforts.

To save the client money and minimize the environmental footprint during decontamination of the interior areas, DDES used several innovative waste reduction methods, including the implementation of a high pressure compactor to reduce waste volumes as well as surface decontamination using dry ice blasting.

Around the exterior of the warehouses, DDES's GIS soil surveys pinpointed the precise location of contaminated soils. DDES packaged and shipped contaminated soil and more than 220,000 pounds of Radium-contaminated items and building debris offsite using a waste management plan that cut shipping and disposal costs in half from previous shipments.

Each of our efforts enabled our client to successfully achieve radioactive materials license termination while growing as a small local business.



Are issues with asbestos or toxic metals sidetracking your company's focus and mission?

Assessments

DDES experts perform **qualitative and quantitative exposure assessments** to identify, control, and/or eliminate workplace contaminants, allowing our clients to focus resources on the important contaminants of concern.

Our assessments not only quantify contaminant levels but also provide real world recommendations based on our industry experience. Furthermore, our **Certified Industrial Hygienist (CIH)** has years of experience performing chemical stabilization and decontamination of process equipment with hazardous agents including chemotherapy treatments and active therapeutic agents.

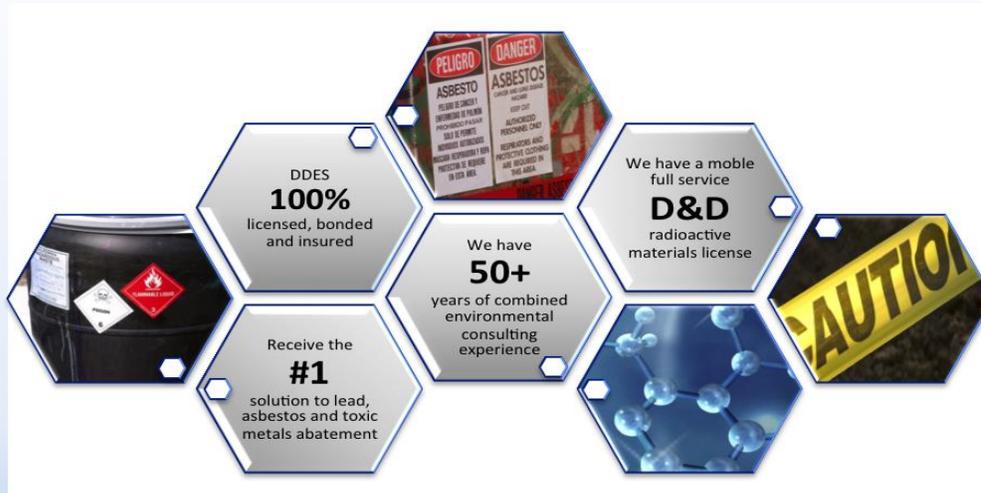
Asbestos, Beryllium, Chromium and Lead Abatement

DDES is a fully licensed, bonded and insured asbestos abatement contractor for the Commonwealth of Massachusetts. Our abatement team is trained in the execution of asbestos abatement projects, including the construction of asbestos-containing materials (ACM) containment, removal of ACM, and the safe handling and proper disposal of ACM. This license allows DDES to remove radiologically impacted ACM, eliminating the need for our client to hire separate contractors to complete project scopes. We offer a complete solution to residential and commercial Class I, Class II and Class III asbestos abatement services including:

- ACM Tile Removal
- ACM Thermal System Insulation Removal
- ACM Disposal

Additionally, DDES uses meticulous contamination control practices to safely and efficiently provide decontamination of hazardous levels of metal dusts including beryllium, chromium and lead. DDES is one of a handful of contractors with experience cleaning up beryllium contamination in process areas.

DDES successfully completed the cleanup of beryllium-impacted areas at the NMI Superfund Site in Concord, Massachusetts. This cleanup included a metals powder blending area, casting foundry, two machine shops and eight areas throughout the facility identified by a removable contamination sampling campaign. DDES staff acted quickly to remediate the eight large areas of removable beryllium contamination so that external heating could be turned on to protect the sprinkler systems from freezing. **We perform efficiently and effectively under pressure.**



Firing Range Cleaning and Abatement



DDES has completed eight rehabilitation and conversion projects for the Massachusetts Military Division National Guard Armory indoor firing ranges. These projects entailed:

- cleaning of lead dust contamination
- removal of sand from the firing range traps
- lead clearance surveys
- encapsulation
- repainting of all firing range surfaces

DDES was also responsible for the characterization and disposal of the hazardous wastes generated under these scopes of work.

Health effects of lead dust contamination are a growing concern throughout the nation's indoor firing range facilities. DDES' staff has the training and experience to assist firing ranges in recognizing, evaluating and controlling safety hazards. Older facilities with minimal ventilation control systems in place or lack of frequent and proper cleaning protocols are putting employees, and in many cases the public, into hazardous conditions, oftentimes not knowingly.

DDES has project teams that specialize in cleaning and abatement of firing ranges of all sizes. DDES performs all indoor lead abatement and remediation work under negative pressure and in containment to prevent the additional spread of contamination during remedial activities. We employ HEPA vacuuming and wet wiping removal techniques to clean lead dust from building contents and surfaces. In many instances firing ranges contain steel deflector plates that require removal and cleaning. Typically firing ranges are cleaned to meet final lead clearance release criteria of $<200\mu\text{g}/\text{ft}^2$. Once facility ranges have received clearance they can then be encapsulated with a lead barrier compound and painted to the request of the client. DDES characterizes and disposes of wastes generated from abatement projects in compliance with local, state and federal regulations.



DDES experts have onsite experience in:

- Radioactive material licenses, amendments and terminations
- Development and application of D&D Plans
- Program Audits
- Radiation Safety Compliance Training
- Decommissioning Funding Estimates
- Radiological engineering
- ALARA engineering
- Radioactive waste management

Our Relationship with Agencies

As a radioactive material license holder, DDES interacts with agreement states and the USNRC regulators on a routine basis. This familiarity with our staff combined with the quality of our work products assures quick reviews and approvals for our clients.

We follow the most current interagency guidance governing site decommissioning and final status survey design.

DDES works closely with federal, state and local regulatory agencies, including the USNRC, the US EPA and state environmental protection organizations on behalf of our clients.

DDES applies our industry experience, quality solutions, and creativity to help you navigate through the complex series of regulatory requirements regarding your radiation protection program. With over 50 years of combined experience pertaining to radiation protection and environmental services, DDES understands the regulatory framework, has a proven track record with regulatory agencies, and provides unmatched site support as part of an integrated project team or to supplement your existing staff.

Our company is proud to have the knowledge *and* expertise to provide radiation protection and industrial hygiene services in a comprehensive package. This provides a single point of contact for EH&S issues for clients. Additionally, the experience of managing our own radioactive materials license allows our staff to more easily and comprehensively evaluate and maintain regulatory compliance with clients' licenses and programs.

DDES successfully provides radiation safety site services to many clients in Cambridge, Massachusetts. We also provide oversight and technical staffing for the largest radiologically impacted Superfund Site in the Commonwealth of Massachusetts on which two of our team members are the acting Radiation Safety Officer and Assistant Radiation Safety Officer. The DDES Team has a proven track record of supporting our clients' radiation protection plans without ever incurring a Notice of Violation. We take the risk out of your EH&S Program.

<i>License-Required Task</i>	<i>Without DDES</i>	<i>With DDES</i>
Acting Radiation Safety Officer and Project Radiation Safety Officer.		
Required annual internal audit of radiation safety program.		
Radiation Safety Compliance Training for authorized users and principal investigators.		
Compliance with radioactive waste storage and inventory control.		

Our Track Record

DDES has written numerous radioactive materials licenses and has served as Radiation Safety Officers (RSOs) and Authorized Users for Nuclear Regulatory Commission (NRC) and Agreement State licenses. We combine this experience with the latest technologies for decommissioning to reduce the generation of radioactive waste. Utilizing NUREG 1757, Consolidated NMSS Decommissioning Guidance, and NUREG 1575, MARSSIM, we assure facilities are released for unrestricted use within the established project timeline. We have achieved unrestricted release at client sites where other companies were unsuccessful.

Overall Radiation Protection Program Audits

DDES routinely provides detailed program audits for our clients in accordance with NUREG 1556. We provide a top-to-bottom overview of the program to identify and communicate findings and offer guidance for continuous improvement. We pride ourselves in our experienced corrective actions and cost effective solutions for our clients.

Compliance Training

DDES offers onsite radiation safety compliance training in accordance with 10 CFR Part 19. Our subject matter experts can provide your staff with the knowledge to confidently handle radioactive materials as specified in the client's radioactive materials license. Advanced courses for the usage of radiation detection instrumentation are also available.

Decommissioning Funding Estimates

DDES experts use a standardized approach to assembling and updating the decommissioning funding estimate (DFE) that licensees using quantities of radioactive materials in excess of regulatory thresholds are required to maintain. Our approach follows NUREG 1757, "Consolidated NMSS Decommissioning Guidance," and our format that allows our clients to update their DFE in-house as site conditions change.



Radiological Laboratory



What's the difference between a \$25K and a \$5K quote for the same waste treatment and disposal? DOES YOUR SERVICE PROVIDER KNOW?

**5 Reasons
our waste management
clients stick with us**

- 1. We “think outside the container”** to discover cost reductions for our clients that are not dependent on the “price per pound.”
- 2. We sweat the small stuff,** pay attention to the details involved with monitoring, tracking and managing radioactive waste to relieve our client’s regulatory burden.
- 3. We look up** — at the upstream processes that generate radioactive wastes to uncover the best areas for waste minimization.
- 4. We stay smart,** honing our understanding of the processes and studying available methods for treatment and disposal to recommend changes that are easily implemented and that provide tangible benefit to both researchers and radiation projection personnel.
- 5. We document meticulously** each and every waste stream profile to achieve a successful waste management program and to obtain the best competitive disposal pricing for our clients.

We do. We know it’s in how the waste profile information is documented and presented to the processors. That’s why we assemble comprehensive waste profiles for mixed waste that clearly communicate the constituents and inherent hazards of the materials. This reduces quote turnaround times and makes disposal pricing more competitive by aligning all potential service providers.

DDES understands that our clients face numerous challenges with the highly regulated domain of generation and disposal of radioactive and mixed waste. DDES continues to help shape today’s waste management industry and consistently apply that expertise to preserve our clients’ best interest. We are capable of dealing with the most complex radioactive/mixed waste problems down to the simpler situations involving Naturally Occurring Radioactive Materials (NORM), with both licensed processors and disposal sites throughout the country.

Our experience includes sites regulated by the Nuclear Regulatory Commission (NRC); Agreement State, and sites decommissioned as CERCLA sites under USEPA regulations.

Our staff is as comfortable talking about chemical properties of waste as they are about nuclides and activities. We have in-depth experts in field characterization of chemical and radiological constituents. Being able to document material that does not meet the criteria for a mixed waste provides a substantial benefit and cost savings.

For example, at a confidential client site, our staff characterized, consolidated, and repackaged over a hundred containers of radioactive and mixed wastes. Many containers were not suitable for shipment and DDES saved the client time and significant money by consolidating their mixed waste.



The DDES Advantage

DDES provides creative solutions not just the same recycled ideas. We thrive on the hard projects because we always find a way to accomplish the goal. We invest the time in research to gain insight and perspective to provide solutions that will benefit our clients.

We design every waste management project to not only pay for itself, but to continue to pay our clients back every year. For example, we took one client's high activity waste stream and designed a proprietary process that saves our client \$120,000.00 in disposal cost annually.

We pioneered a NDA application that allowed hundreds of thousands of pounds of D&D wastes to be disposed of at a fraction of the original cost estimate.



Project Snapshot: Wastewater DU Sludge Stabilization and Disposal

DDES performed initial characterization of accumulated radioactive wastewater sludge in five aboveground storage tanks that historically received process wastewater from a depleted uranium manufacturing operations for more than 25 years. Initial historic site assessment information from two tanks indicated the sludge required stabilization prior to shipment.

Our project team designed a pilot study to stabilize this sludge and demonstrate compliance with the receiving disposal facility's waste acceptance criteria. The pilot study was scaled up to full-size production and 125 cubic feet of sludge solidified without incident. We assembled the waste profile and received approval from the disposal site to ship the stabilized waste for direct disposal within two weeks.

The DDES team stabilized removed, profiled and shipped the radioactive sludge for direct disposal within weeks of designing the pilot study. We performed QA/QC testing to verify the full-scale process was equivalent to the bench-scale results. ISOCs assays were used on the solidified materials to assign total activity in picoCuries/gram. The project was completed without incident and radioactive wastes were shipped for disposal.



Who's in charge when your facility control systems need attention?

Leaded glass becoming embrittled?
Glove box "no man's land" with contamination build-up?
Minor nuisances slowing production?

Compounds volatilizing?

Remove single ventilation system?
Degraded hot cell liners introducing unwanted contaminants?

Remanufacture?
Retrofit?
Refurbish?
Redesign?

3 Ways we put you in the driver's seat

1. WE KNOW THE ANSWERS.

DDES has decades of first-hand knowledge regarding the importance and function of hazardous and radiological control systems. Our ability to refurbish, retrofit and design facility control systems — from the removal of single ventilation systems to the remanufacturing of hot cells to exceed good manufacturing practices (GMP) standards — sets us apart from our competitors. We install and maintain chemical and particulate filtration systems, including bag-in/bag-out systems (HEPA and carbon filtration), to combat particulates and chemical constituents. We successfully accomplish dozens of these procedures all while maintaining our ALARA philosophy. We routinely work with high energy beta or gamma radionuclides in Curie quantities. Our clients know we have the knowledge and capability to perform the tasks safely and efficiently.

2. WE NURTURE THE RELATIONSHIPS.

DDES works with filtration manufacturers to design control systems that will best serve our client's demands. Our strong relationships with filter manufacturers allow our clients to be in the driver's seat when selecting the best industrial or laboratory effluent filtering options. Our clients can depend on us to routinely service these systems and to order the correct replacement parts to prevent unnecessary production downtime.

3. WE HAVE THE RESOURCES.

We have the tools and personnel necessary to accomplish routine and extended maintenance without affecting nearby operations. We safely transfer and package old or worn out equipment from glove boxes and hot cells for disposal while controlling contamination. When beneficial, we encourage alternative control strategies such as bag-in/bag-out filters. We stand by our installation and refurbishment as long as our systems are in service. We accommodate maintenance to systems installed by others as well. We often have requests to design, beta test and then implement system upgrades. Can your contractor remove and reinstall a radioactive filter housing into a new process without spreading radioactive contamination? We do all the time.

⁹⁰Sr Filter Housing System Upgrade paid for itself

DDES suggested and implemented the upgrade of our client's filter housing to a bag-in/bag-out system that allowed the highly contaminated HEPA filter to be changed without intensive contamination controls required previously. The new housing generated 75% less radioactive waste per change-out. This system upgrade paid for itself after the first filter change just by the reduction in labor and decreased disposal costs alone.

Project Snapshot:

Remote Removal and Installation of Strontium-90 Hot Cell Liner

Due to years of high beta field bombardment, the floor of our client's ⁹⁰Sr hot cell floor lining, a polypropylene plastic liner, required removal and replacement without disassembling the cell. Our staff:

1. Designed tooling and equipment to remove the existing cell floor using only hot cell manipulators.
2. Installed a remote camera to guide operations imperceptible through the leaded glass window.
3. Cut and transferred 14 Curies of contaminated liner using shielded containers without any release of contamination.
4. Fabricated a set of large panels based on the interior dimensions of the cell and the capacity of the attached transfer cell.
5. Placed and sealed the panels with FDA-approved adhesive to provide an impermeable layer to contain any potential future radioactive liquid spills.
6. Designed a small replicable tile system that was layered over the newly installed floor that allows individual tiles to be changed out using only the manipulators if damaged in the future.

Our approach eliminated the potential for the project to have to be repeated years from now and reduced the volume of high activity radioactive waste by an order of magnitude. It also reduced personnel exposures to high dose rate materials by employing remotely operated tooling and keeping the hot cell shielding in place.

**Project Snapshot:
High Hazard Systems D&D**

The DDES team completed the D&D of the High Hazard Process Systems at Nuclear Metals, Inc. Superfund Site. Under this scope DDES developed the decontamination, disassembly and neutralization procedures for process systems which contained concentrated hydrofluoric acid, sulfuric acid, hydrochloric acid, hydrogen peroxide, and dissolved depleted uranium.

DDES developed for each process area a specific LOTO, line breaking, and first-aid procedure to assure corrosive radioactive liquids were appropriately controlled.

One process had the added hazard of concentrated hydrofluoric acid. The project team brought in industry experts to train our staff to safely handle this highly hazardous material. The team coordinated with the local hospital, EMS personnel to assure staff safety in the event of exposure.

DDES employed color-changing neutralization agents to identify where equipment and surfaces had been impacted by corrosives. Process piping, pumps, tanks and air scrubbing equipment were neutralized so these materials could be disposed of as non-hazardous dry active waste (DAW).



**DDES Remote Replacement
of Hot Cell Lining**



What's the status of your site's radiological contamination?

DDES's Geographic Information Systems (GIS) Radiological Mapping Program delivers our clients tangible, money and time-saving results for thoroughly characterizing and choosing the most effective remediation methods for your site.

DDES's Start-to-Finish Radiological Characterization Process

- We use NUREG 1757 guidance to assemble surveys that meet DQOs while minimizing the number of samples required.
- We integrate approaches accepted by the EPA to establish the lateral and vertical extent of contamination.
- We log and compile survey data and analysis into a concise, systematic format.

1. Site Survey Design



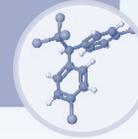
- We provide technical expertise and equipment operation for radiological walk-over surveys.
- We produce your GIS Radiological Map to provide a visual aid to the many data points collected for a better understanding of the data significance.
- We use GIS software to delineate areas requiring removal to prevent over excavation.

2. Soil Characterization



- We provide our clients with accurate estimates of soil volumes so costs are known.
- We perform soil removal and necessary packaging with emphasis on radiological controls and personnel and public safety.
- We present waste disposal options based on isotope concentrations and waste type.

3. Soil Remediation



GPS Projects

We have performed numerous walkover surveys in support of the unrestricted release of properties. We have used this data to pinpoint discreet items and areas of elevated radioactive contamination.



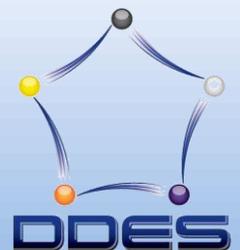
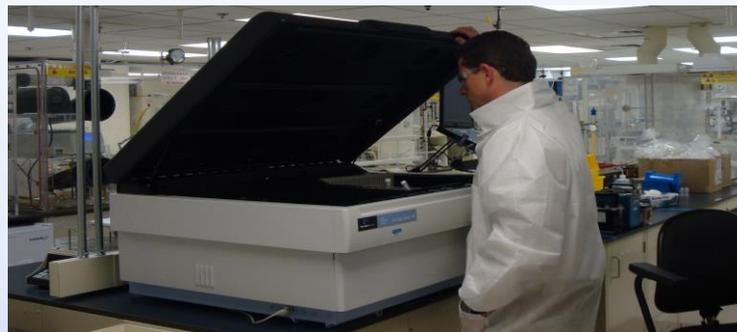
The DDES Advantage

Many D&D contractors struggle with the proper design of sampling plans for radiological contamination in the environment. Our staff is well versed in the use of Visual Sampling Plan to meet the final status survey data quality objectives. We understand how different a shallow soils contamination site is from those contaminated at great depths.

We always plan ahead to know what data will be required to prepare site-specific DCGLs in the event the results are above the default screening criteria. This provides our clients with the greatest flexibility in proving the site still meets the criteria for unrestricted release with the least amount of remediation required.

3

Key Personnel



At the head of each DDES project is an experienced senior staff member to promote our commitment to quality, creativity, and building lasting client relationships.

The technical expertise and management skills of our Senior Management distinguish DDES from other environmental contractors.



Matt Norton, CIH, CSP

Principal

EDUCATION AND CERTIFICATIONS

B.S., Industrial Hygiene and General Chemistry
 American Board of Industrial Hygiene, CIH – CP 8061
 Board of Certified Safety Professionals, CSP -18217

PROFESSIONAL EXPERIENCE

Mr. Norton has over twenty years of practical experience in the comprehensive practice of health physics, industrial hygiene, safety and environmental consulting. He is responsible for directing DDES staff in the design and implementation of complex decommissioning projects. He is also responsible for developing innovative and cost effective technologies for the disposal of radioactive waste. Mr. Norton co-founded DDES in 2010.



Gary Nadeau, CNMT

Principal

EDUCATION AND CERTIFICATIONS

B.A. Biology with Chemistry Concentration
 B.S. Nuclear Medicine
 Certified Nuclear Medicine Technologist (CNMT) #07714

PROFESSIONAL EXPERIENCE

Mr. Nadeau has over twenty-four years of experience in the comprehensive practice of radiation safety, health physics, training and program design, development, administration, and management of radiation safety programs as well as auditing of these programs. Mr. Nadeau has an in-depth knowledge NRC and Agreement State regulations and has served as a consultant for research and medical radiation safety programs as well as serving as a consultant to various NRC/Agreement State programs throughout the United States. Mr. Nadeau has served as a Project Manager for various Decontamination and Decommissioning projects throughout the United States and Canada. Mr. Nadeau has been listed as an authorized user and a Project Radiation Safety Officer on NRC and Agreement State Licenses. Mr. Nadeau is currently the Radiation Safety Officer for DDES. Mr. Nadeau co-founded DDES in 2010.



Ryan Fahey
Director of Operations

EDUCATION AND CERTIFICATIONS

B.S. Business Administration

PROFESSIONAL EXPERIENCE

Mr. Fahey has many years of experience managing large-scale decommissioning projects for pharmaceutical and biotech clients who expect and receive state of the art approaches for surveys and waste management. His diverse health physics experience includes the decommissioning and demolition of a large-scale radiochemical manufacturing facility under Group 4: Unrestricted Release with Site Specific Dose Analysis in compliance with NUREG 1757 guidelines. He has also managed a number of radioactive waste characterization, consolidation, packaging and disposition projects. As all that know him can attest, he combines a “can do” approach to project work with the experience and expertise to accomplish tasks safely and on schedule.



Sean Jackson
Project Manager

EDUCATION AND CERTIFICATIONS

B.S. Agricultural Science with Minor in Wildlife Fisheries

PROFESSIONAL EXPERIENCE

Mr. Jackson has five years’ experience as a project manager in radiological decommissioning as well as environmental consulting. While with DDES, Mr. Jackson has executed major decommissioning projects to achieve client’s license termination across the Northeast. Projects have consisted of a wide range of work including: full demolition of radio-synthesis labs, Ra-226 warehouse D&D, Beryllium Regulated Area D&D, High Activity Equipment Dismantlement, Filter Change Outs, and High Hazard Emergency Response. All projects have been completed on schedule and under budget while maintaining strict regulatory compliance. As a project manager, Mr. Jackson’s responsibilities include: maintaining project health and safety, supply procurement and allocation, oversight of health physics coverage, client relations, problem solving, and routinely the face of DDES for interactions between clients and regulatory agencies. Sean takes great pride in finding innovative solutions to complex project problems in order to provide clients with the best service possible.



Chris Kovalovsky, RRPT
Project Manager

EDUCATION AND CERTIFICATIONS

Registered Radiation Protection Technologist (RRPT)

PROFESSIONAL EXPERIENCE

Mr. Kovalovsky has over 9 years of experience in the comprehensive practice of radiation safety, health physics, training and program design, development, administration, and execution of radiation safety programs. He was accredited by the National Registry of Radiation Protection Technologist (NRRPT) in 2011, and has served as the Senior Health Physicist for decontamination, decommissioning, research, and medical radiation safety programs as well as serving various Nuclear Regulatory Commission and Agreement States. Mr. Kovalovsky has served as the Assistant Radiation Safety Officer for a \$74 million Environmental Protection Agency Superfund removal action. In addition he designed a portable gamma spectroscopy assay program that was utilized to successfully characterize 4,000,000 pounds of Uranium contaminated waste. Mr. Kovalovsky has also been responsible for air quality, effluent monitoring, and dose modeling for a 100 kiloCurie radionuclide manufacturer.

Licenses and Accreditations



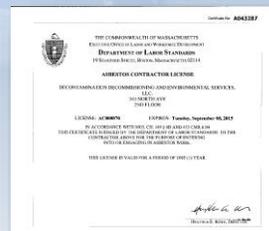
www.ddesllc.com



DDES LLC is a Small Business Entity (SBE)

Some of DDES’s professional licenses and accreditations include:

- Massachusetts Radioactive Material License 56-0623
- Massachusetts Asbestos License AC000870
- MA Health Physics/Emergency Response/D&D Work, Registration #65-0459
- Utah Division of Air Quality Asbestos License ASBC-582



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mdnorton@ddesllc.com

Website: www.ddesllc.com

Year Established: 2010

Principals: Matt Norton, CIH, CSP
Gary S. Nadeau, CNMT

Business Category: Small Business, Privately Held Corporation

NAICS: 541620, 541990, 561210, 562910

DUNs Number: 962137613

Tax ID: 27-1793441