

US NRC Region IV

ATTN: CARROL HILL

LICENSING ASST.

PAGES INCLUDING THIS ONE 12

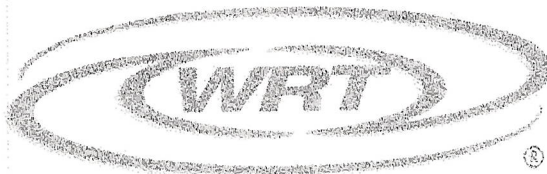
Docket Number : 4009059

License Number : SUC-1591

Licensee Name : WATER

REMEDATION TECHNOLOGY LLC

NRC FORM 313 (01-2020) 10 CFR 30, 32, 33, 34, 35, 36, 37, 39, and 40	 APPLICATION FOR MATERIALS LICENSE	APPROVED BY OMB: NO. 3150-0120 EXPIRES: 01/31/2023 <small>Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Information Services Branch (T-6 A10M), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by e-mail to InfoCollects.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.</small>																		
INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.																				
APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH: MATERIALS SAFETY LICENSING BRANCH DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS U.S. NUCLEAR REGULATORY COMMISSION WASHINGTON, DC 20555-0001 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS: IF YOU ARE LOCATED IN: ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO: LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 2100 RENAISSANCE BOULEVARD, SUITE 100 KING OF PRUSSIA, PA 19406-2713		IF YOU ARE LOCATED IN: ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO: MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352 IF YOU ARE LOCATED IN: ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO: NUCLEAR MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION IV 1600 E. LAMAR BOULEVARD ARLINGTON, TX 76011-4511																		
PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.																				
1. THIS IS AN APPLICATION FOR (Check appropriate item) <input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER SUC-1591 <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER		2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code) Water Remediation Technology, LLC (WRT) 901 W. 116th Avenue, Suite 400 Westminster, CO 80234																		
3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED NA		4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Kevin Smith <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">BUSINESS TELEPHONE NUMBER 303-424-5355</td><td style="width: 50%;">BUSINESS CELLULAR TELEPHONE NUMBER 317-413-4594</td></tr><tr><td colspan="2">BUSINESS E-MAIL ADDRESS ksmith@wrt.net.com</td></tr></table>	BUSINESS TELEPHONE NUMBER 303-424-5355	BUSINESS CELLULAR TELEPHONE NUMBER 317-413-4594	BUSINESS E-MAIL ADDRESS ksmith@wrt.net.com															
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SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.																				
5. RADIOACTIVE MATERIAL a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time	6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED																			
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE																			
10. RADIATION SAFETY PROGRAM	9. FACILITIES AND EQUIPMENT																			
12. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31) *Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.	<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">FEE CATEGORY N/A</td><td style="width: 50%;">AMOUNT ENCLOSED \$ 0</td></tr></table>		FEE CATEGORY N/A	AMOUNT ENCLOSED \$ 0																
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PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html.																				
13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT. THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF. WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.																				
CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE Kevin Smith WRT Radiation Program Manager/Corporate RSO		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;">SIGNATURE </td><td style="width: 50%;">DATE 01/04/2022</td></tr></table>	SIGNATURE 	DATE 01/04/2022																
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FOR NRC USE ONLY																				
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\$																				
APPROVED BY:				DATE:																



January 04, 2022

Via e-mail: jvoorhies@wrtnet.com
ksmith@wrtnet.com

Via USPS

Nuclear Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region IV
1600 E. Lamar Boulevard
Arlington, TX 76011-4511

Re: **RML No. SUC-1591** - License Amendment Request for Water Remediation Technology LLC (WRT) to Change the Designated RSO of Record

Dear Sir:

Water Remediation Technology LLC (WRT) provides radiation protection program support and Radiation Safety Officer services at various locations throughout the United States, as specified under Radioactive Materials License number SUC-1591. This letter is notification that James Voorhies has retired from full-time employment with WRT and his replacement, Kevin Smith, has assumed the duties as the WRT Corporate Radiation Program Manager and Corporate Radiation Safety Officer (RSO).

Mr. Voorhies has agreed to work for WRT as a consultant contractor, that includes continuing to perform duties as the Radioactive Materials License #SUC-1591 RSO of Record. He shall continue as the RSO of Record until such time as the U.S. Nuclear Regulatory Commission (NRC) accepts Mr. Smith as the RSO of Record. Mr. Voorhies continues to assist and support the WRT Radiation Protection Program to ensure compliance with regulatory and license conditions.

Mr. Smith has over 20 years of education and experience in different industries with an extensive background in radiation protection and occupational safety. He has the professional qualifications and satisfies the training requirements set forth in Section 3.16.1.1 and 3.16.2.1 of the Environmental Report and Appendix D of NUREG-1556, Volume 18. A copy of his resume and certifications is provided at the end of this letter for your review.

As the RSO of record, WRT authorizes Mr. Smith to communicate with the Commission on all matters related to the license. WRT also provides to the NRC, a letter that delegates authority to Mr.

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Water Remediation Technology LLC
901 West 116th Avenue, Suite 400, Westminster CO 80234
tel 303.424.5355 | email: info@wrtnet.com | web: www.wrtnet.com



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Smith to act in all capacities as the designated person responsible for the safe application of conditions specified in Radioactive Materials License #SUC-1591.

WRT requests an amendment, in accordance with 10 CFR 40.44, to the Radioactive Materials License #SUC-1591 to change the RSO of Record from James Voorhies to Kevin Smith. The license should be modified to as appropriate to change license conditions that address the specific WRT RSO of Record. NRC Form 313 is completed and provided in support of this amendment request.

I appreciate you and your staff's time in reviewing this amendment request. If you have any further questions, please contact Kevin Smith by phone at 317-413-4594 or his email at ksmith@wrtnet.com.

Sincerely,

Mike Dimitriou
President and CEO,
Water Remediation Technology, LLC

Enclosure: Kevin Smith Resume with Certificates
Delegation of Authority
NRC Form 313

cc: Mike Dimitriou
Kevin Smith
NRC 1.05

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Kevin P. Smith**Radiation Protection Program Manager****Water Remediation Technology, LLC****901 W. 116th Avenue, Suite 400****Westminster, CO 80234****Office: (303) 524-5355 ext. 164 Cell: (317) 413-4594****Email: ksmith@wrtnet.com****GENERAL OVERVIEW**

Over 20 years of technical experience working in Research and Development (R&D) and manufacturing that include:

- environmental fate and plant and animal metabolism registration studies
- hazardous materials and hazardous waste transportation
- chemical emergency response
- industrial hygiene and sampling
- hazard assessments and mitigation
- radiological safety & auditing
- data analyses and interpretation
- technical training and development
- technical writing and editing
- regulatory interpretation and compliance

Worked under various government oversight organizations including OSHA, DEA, USDA, NRC, DOT, EPA as well as several state safety and health departments. Developed and delivered training and education for workers and management at all levels across

HIGHER EDUCATION**B.S. Environmental Policy and Management,**

Purdue Global University 2021, GPA 3.92

CERTIFICATIONS

Radiation Safety Officer- Dade Moeller Radiation Safety Academy

Advanced Radiation Safety Officer- Dade Moeller Radiation Safety Academy

OSHA 30 Hr Construction Safety

OSHA 10 Hr General Industry

TECHNICAL EXPERIENCE**Water Remediation Technology, LLC (WRT); Arvada, CO*****Radiation Safety Officer/ Radiation Protection Program Manager, 2021 - Present***

Provide oversight and management of Corporate Radiation Protection Program (RPP). Develop, manage and administer radiological programs, plans, and procedures to adhere to the WRT Corporate policies. Operate the WRT RPP as prescribed by US NRC and agreement state licensing requirements. Supervise and manage technical staff to provide support to clients. Evaluate efficiency and effectiveness of the WRT RPP through

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observations and audits. Evaluate client sites for hazards and recommend actions for providing a safe working environment in compliance with the regulatory standards. Analyze and assess radiological data for hazard awareness and exposure controls. Provide technical assistance to project management and clients. Develop and provide radiological and H&S training for WRT employees and clients, to assure an educated workforce. Develop and maintain radiological data for ALARA evaluation and management review.

Corteva agriscience, LLC (Dow AgroSciences, LLC); Indianapolis, IN

Corporate Radiation Safety Officer, 2016 - 2021

Managed the Radiation Protection Program and regulatory compliance for the security, safe use and disposal of radioactive materials under a Type A Broad Scope NRC License at the Research and Development sites in Indiana and Delaware containing loose radioisotopes and sealed source materials. Developed and implemented ionizing and non-ionizing corporate radiation protection standards for all sites globally.

Provided technical reviews and mentorship for new RSO's at multiple sites doing the following:

- Submit state and NRC license amendment requests and notifications
- Decommissioned the R&D Site with laboratories and greenhouses in Portland, OR
- Decommissioned the R&D Field Station in Fowler, IN
- Maintain ALARA program
- Reviewed and approved new research involving radioactive materials for safety and regulatory compliance
- Update Financial Assurance (Standby Trust and Letter of Credit) through DowDuPont merger
- Conduct Radiation Safety Program audits of R&D and manufacturing facilities in Pittsburg, CA and Midland, MI
- Managed the Radiation Safety Office staff consisting of two technicians

Dow AgroSciences, LLC; Indianapolis, IN

Assistant Radiation Safety Officer, 2011-2016

Maintained regulatory compliance under the direction and authority of the Radiation Safety Officer. Day-to-day operations were overseen with delegation of authority to approve projects and tasks within the purview of the radiation safety program.

- Conduct audits of all radioactive material use and storage areas
- Track inventory to maintain license limits for each radioisotope
- Review and approve radioactive material and waste shipments to ensure DOT and IATA compliance
- Train Authorized Users and Ancillary personnel
- Conduct weekly and monthly surveys in use and storage areas
- Review dosimetry reports for RSO approval
- Obtained the state registration for X-ray producing equipment
- Facilitated quarterly Radiation Safety Committee meetings
- Conduct annual review of the program

Dow AgroSciences, LLC; Indianapolis, IN

Environmental Fate and Metabolism Research Scientist, 2008-2011

Conducted several soil environmental fate and plant and animal metabolism studies for registration with regulatory agencies globally using radionuclides. Degradation, nature of residue studies and others are required for demonstrating pathways of compounds and identifying metabolites generated.

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Dow AgroSciences, LLC; Indianapolis, IN

Environmental Fate and Metabolism Research Assistant, 1998-2008

Responsibilities oversight of eight research technicians, fate and metabolism study support, maintaining laboratory instruments and equipment and conducting hands-on training of all new Authorized Users of radioactive materials in the group.

OTHER EDUCATION & TRAINING

Radiation Safety Officer- Dade Moeller Radiation Safety Academy

Advanced Radiation Safety Officer- Dade Moeller Radiation Safety Academy

OSHA 30 Hr Construction Safety

OSHA 10 Hr General Industry

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HERITAGE GROUP SAFETY CERTIFICATE OF COMPLETION

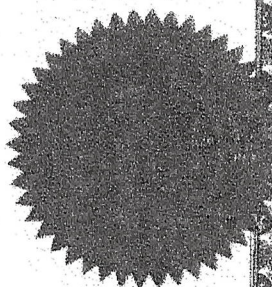
This is to certify that on August 26, 2011

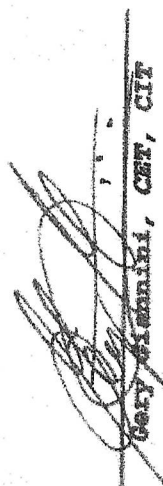
KEVIN SMITH

Completed training in

**OSHA 24 HOUR HAZWOPER
EMERGENCY RESPONSE
"TECHNICIAN LEVEL"**

Pursuant to 29 CFR 1910.120




Gary Adkins, CET, CIT

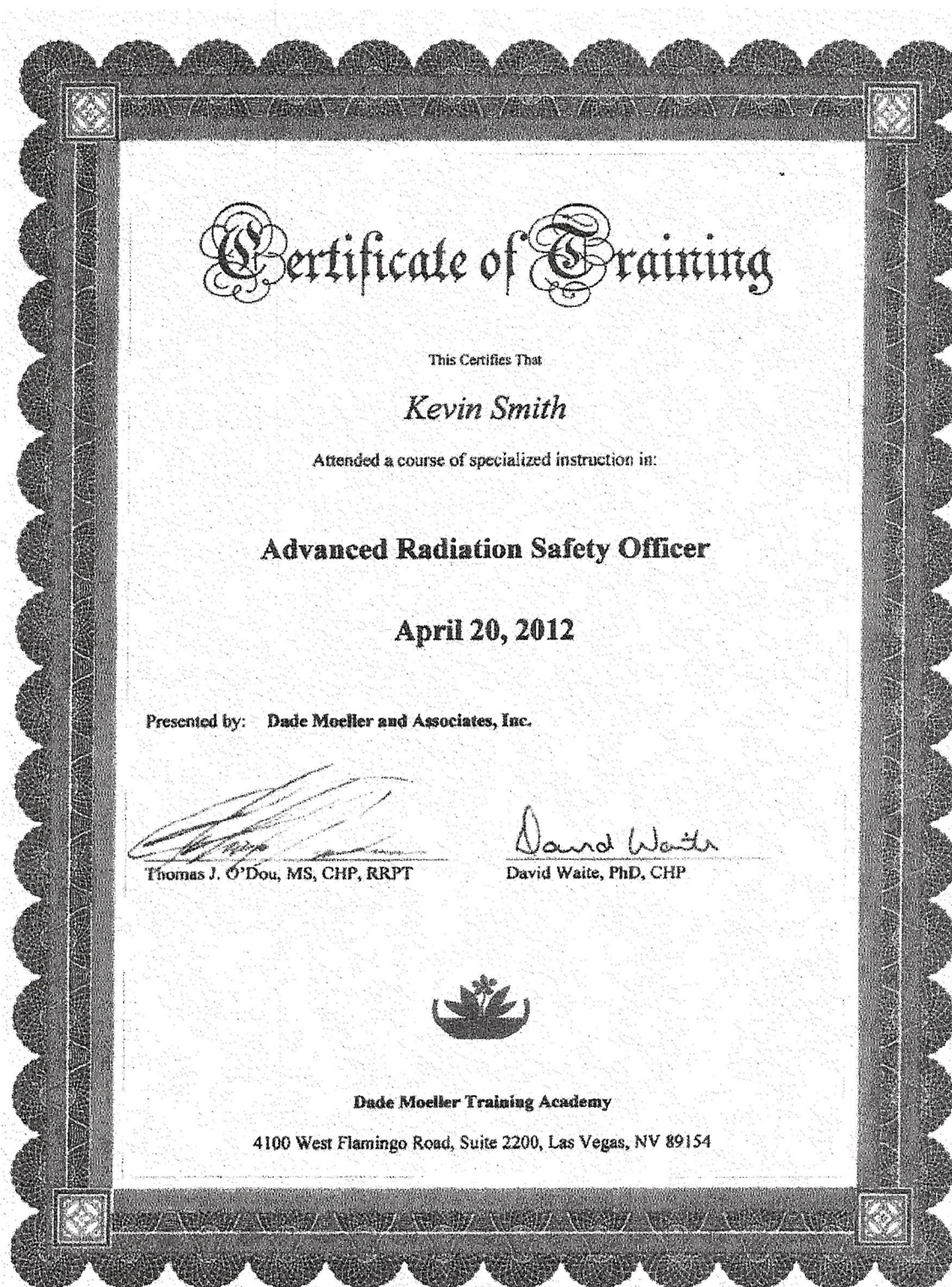

THE HERITAGE GROUP
3719 W. 96th Street
Indianapolis, IN 46268



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Certificate of Training

Awarded To

Kevin Smith

Recognizing completion of 40 hours of specialized instruction in

Radiation Safety Officer

June 10, 2011

Presented By

Dade Moeller Radiation Safety Academy

438 N. Frederick Avenue, Suite 220, Gaithersburg, MD 20877

www.moellerinc.com/academy -- 301-990-6006

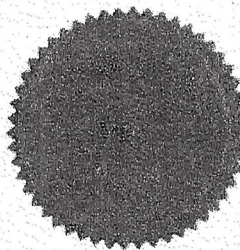
AAHP has awarded this course 32 Continuing Education Credits, 2011-00-0019

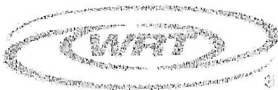
ABIH has awarded this course 6.68 CM Points, CM Approval # 09-4745

ARRT and SNMT have awarded up to 42.5 CEH's, 027194-027227

A handwritten signature in black ink, reading "Ray Johnson". The signature is fluid and cursive, with the first name "Ray" being more prominent than the last name "Johnson".

Ray Johnson, MS, PE, FHPS, CHP
Vice President, Training Programs





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Certificate of Training

This Certifies That

Kevin Smith

has been trained, tested and successfully completed specialized instruction in

DOT, NRC, & IATA Requirements for Shipping Radioactive Materials

September 11, 2020

Presented By: **Clark Barton, CHP, Instructor**

NV5- Training Academy

9200 Corporate Boulevard, Suite 380 Rockville, MD 20850

<https://training.nv5.com/training/> -- 301-990-6006

ABRH Diplomates can claim this course for 12 hours in the IH CM Area.

AAHP has awarded this course 32 Continuing Education Credits, 2019-09-01-647

Presented For: **Corteva Agriscience**

Presented At: **Rockville, MD**

This certifies that the employee named on this certificate
has been trained and tested in accordance with the
training requirements of 49 CFR 172, Subpart H.


Employer's Signature


Clark Barton, CHP

This certificate is valid for 24 months for ICAO/IATA
and for three years for U.S. Department of Transportation
and U.S. Nuclear Regulatory Commission or Agreement
State Agencies.



Delegation of Authority

As the Radiation Protection Program Manager and Corporate Radiation Safety Officer, Kevin Smith oversees the Radiation Control Technicians and Field Radiation Safety Officers conducting day-to-day operations. He authorizes employees to conduct work involving radioactive materials and has responsibilities for all policies and procedures regarding the safe handling, storage, transportation, processing, and disposal of radioactive materials.

When identified as the Radiation Safety Officer or Alternate Radiation Safety Officer on a specific license, Mr. Smith has been delegated the authority to communicate with regulatory agencies on behalf of Water Remediation Technology, LLC. These communications includes, but is not limited to, audit and inspection activities, regulatory agency inquiries, notifications, and license applications, renewals and amendments submissions.

Authority Delegated by Mike Dimitriou

President and CEO, Water Remediation Technology, LLC

Acknowledgment of Authority Delegated
Radiation Protection Program Manager and Corporate RSO

9/28/2021

Date

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Water Remediation Technology LLC
901 W. 116th Avenue, Suite 400, Westminster, Colorado 80234 • tel 303.424.5355
email: info@wrtnet.com • web: www.wrtnet.com