

State of Vermont

Buildings and General Services
Office of Purchasing & Contracting
109 State St
Montpelier VT 05609-3001
United States

CONTRACT



Supplier 0000273533
NRC East Environmental Services Inc
114 Bridge Road
Salisbury MA 01952
United States

Contract ID 0000000000000000000038247	Page 1 of 2
Contract Dates 07/15/2019 to 07/31/2021	Origin CPS
Description: CPS EMERGENCY RESPONSE & WASTE	Contract Maximum \$200,000.00
Buyer Name Brian Jon Berini	Buyer Phone 802/828-2217
Contract Status Approved	

Phone #:

Line #	Item ID	Item Desc	UOM	Unit Price	Max Qty	Max Amt
1		EMERGENCY RESPONSE & WASTE DISPOSAL	EA	0.01000	0.00	0.00

- Parties.** This is a contract for services between the State of Vermont, Department of Buildings and General Services (hereinafter called "State"), and NRC East Environmental Services, Inc., with a principal place of business in Salisbury, MA, (hereinafter called "Contractor"). Contractor's form of business organization is Corporation. It is Contractor's responsibility to contact the Vermont Department of Taxes to determine if, by law, Contractor is required to have a Vermont Department of Taxes Business Account Number.
- Subject Matter.** The subject matter of this contract is services generally on the subject of Hazardous Response and Material Collection & Disposal. Detailed services to be provided by Contractor are described in Attachment A.
- Maximum Amount.** In consideration of the services to be performed by Contractor, the State agrees to pay Contractor, in accordance with the payment provisions specified in Attachment B, a sum not to exceed \$200,000.00.
- Contract Term.** The period of Contractor's performance shall begin on July 15, 2019 and end on July 31, 2021. The Contract Term may be renewed for two (2) additional one-year period at the discretion of the State.
- Prior Approvals.** This Contract shall not be binding unless and until all requisite prior approvals have been obtained in accordance with current State law, bulletins, and interpretations.
- Amendment.** No changes, modifications, or amendments in the terms and conditions of this contract shall be effective unless reduced to writing, numbered and signed by the duly authorized representative of the State and Contractor.
- Termination for Convenience.** This contract may be terminated by the State at any time by giving written notice at least thirty (30) days in advance. In such event, Contractor shall be paid under the terms of this contract for all services provided to and accepted by the State prior to the effective date of termination.
- Attachments.** This contract consists of 50 pages including the following attachments which are incorporated herein:
Attachment A - Statement of Work
Attachment B - Payment Provisions
Attachment C - "Standard State Provisions for Contracts and Grants" a preprinted form (revision date 12/15/2017)
Attachment D - Price Lists
Attachment E - Abandoned/Unknown Waste Response Procedures
- Order of Precedence.** Any ambiguity, conflict or inconsistency between the documents comprising this contract shall be resolved according to the following order of precedence:
 - (1) Standard Contract
 - (2) Attachment C (Standard State Provisions for Contracts and Grants)
 - (3) Attachment A
 - (4) Attachment B
 - (5) Attachment D
 - (6) Attachment E - Abandoned/Unknown Waste Response Procedures

State of Vermont

Buildings and General Services
Office of Purchasing & Contracting
109 State St
Montpelier VT 05609-3001
United States

CONTRACT



Supplier 0000273533
NRC East Environmental Services Inc
114 Bridge Road
Salisbury MA 01952
United States

Contract ID 0000000000000000000038247	Page 2 of 2
Contract Dates 07/15/2019 to 07/31/2021	Origin CPS
Description: CPS EMERGENCY RESPONSE & WASTE	Contract Maximum \$200,000.00
Buyer Name Brian Jon Berini	Buyer Phone 802/828-2217
	Contract Status Approved

Phone #:

Line #	Item ID	Item Desc	UOM	Unit Price	Max Qty	Max Amt
--------	---------	-----------	-----	------------	---------	---------

WE THE UNDERSIGNED PARTIES AGREE TO BE BOUND BY THIS CONTRACT

By the STATE of VERMONT

By the CONTRACTOR

Date: _____

Date: _____

Signature: _____

Signature: _____

Name: _____

Name: _____

Title: _____

Title: _____

Email: _____

Email: _____

ATTACHMENT A - STATEMENT OF WORK

All work performed on this contract shall be scheduled by the affected agency. The agency contact shall work closely with the contractor and the agency requiring the services to ensure all work is completed in a satisfactory manner and shall be performed on a regular Monday through Friday schedule. If an occasion arises which would require work to be performed after normal working hours or on a Saturday, Sunday or Holiday the contact person must be notified. This contract is to be utilized for Hazardous Waste Removal, Emergency Responses and/or an as needed basis.

1. **DETAILED REQUIREMENTS:** The purpose of this service is **EMERGENCY RESPONSE, HAZARDOUS WASTE, UNIVERSAL WASTE, AND MEDICAL WASTE DISPOSAL**. Contractor shall conduct hazardous waste related operations within the State of Vermont, and any other States within which waste materials shall be transported, disposed of, and/or treated.

Services shall be required throughout the State of Vermont in accordance with all applicable regulations and in a manner that will maximize hazardous waste disposal service at a reasonable cost.

The required services are for the following types of waste materials:

- a. Among the covered services are: hazardous chemical waste collection and transportation; management and disposal; waste sampling, analysis and profiling; waste management related labor; and emergency response.
- b. Underground Storage Tank closure services in accordance with the Department of Environmental Conservation's Underground Storage Tank Rules.
- c. Medical/infectious/regulated wastes, including but not limited to medical waste as defined in the Vermont Solid Waste Management Rules.

1.1. The following services shall be provided by Contractor under this contract:

- Vendor shall provide hazardous waste sampling and analysis.
- Vendor shall provide waste stream characterization, and definition of each applicable EPA ID Code.
- Vendor shall properly and accurately develop the applicable Hazardous Waste Manifest, as required by the State of Vermont, and federal laws.
- Vendor shall provide appropriate Department of Transportation Containers to contain and ship hazardous waste. This shall include providing all the proper labels to meet DOT and EPA Regulations for the safe handling and shipping.
- Vendor shall ensure proper handling of containers and waste so as not to create a potential for spillage and environmental contamination.
- Vendor conducting waste sampling, handling and disposal shall be properly trained, qualified, and equipped to conduct hazardous waste spill response activities. All personnel conducting waste collection shall meet the minimum criteria contained in 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response.
- Vendor shall safely transport and dispose of all wastes at an approved hazardous waste disposal location, meeting the requirements contained in 40 CFR 264.
- The Contractor shall submit to the State of Vermont all appropriate documentation within the required timeframe to validate the entire process from time of material pickup to ultimate disposal.
- The Contractor shall prepare and submit a report summarizing activities to profile and identify waste; remove, transport, and dispose of waste, and include all applicable documentation, such as manifest, bill of lading, etc.
- Vendor shall provide underground Storage Tank closure services in accordance with the Department of Environmental Conservation's Underground Storage Tank Rules. Services to include closure

notification to the Department of Environmental Conservation, earthwork, tank cleaning, tank removal and disposal, excavation and stockpiling and disposal of soil contaminated with petroleum hydrocarbons, confirmation soil sampling, and closure reporting.

- The State may request that the Contractor perform other tasks, at a mutually agreed scope, fee schedule, and payment schedule based on rates provided in proposal.

1.2. **Hazardous Material Collection and Disposal:** The primary waste streams, shall be supported by the Contractor from the following sources:

- Automotive wastes
- Flammable liquids
- Halogenated and non-halogenated organic solvents
- Paint and paint products
- Acid, alkaline and aqueous solutions with and without heavy metals
- Lab pack pesticides/herbicides and other chemicals
- Aerosol cans
- Liquid oxidizers and solid bulk oxidizers
- Liquid mercury and mercury saturated articles
- Vinyl asbestos tile or other conditionally exempt asbestos containing materials
- Soil contaminated with petroleum hydrocarbons
- Soil contaminated with solvents
- Soil contaminated with heavy metals other than mercury
- Debris contaminated with chemicals
- Heavy metal bearing solids
- Propane tanks
- Unknown compressed gases
- Hazardous sludge
- PCB contaminated materials
- Low-level radiological waste
- Batteries (nickel/cadmium; lead)
- Lab pack non-compatible chemicals
- Regulated drugs
- Mercury containing wastes
- Other unknown chemicals

1.3. **Waste Collection and Transport:** Contractor shall ensure that all waste materials are appropriately sorted, packed, collected from the State Facility and transported to an approved recycling, treatment or disposal facilities in accordance with all applicable regulations. Pick-up shall be scheduled within five business days of notification.

- 1.3.1. Contractor shall notify the requesting Agency 24 hours prior to pick-up to confirm scheduled pick-up time or request a change.
- 1.3.2. Contractor shall prepare all required shipping papers for the transport of item under the contract
- 1.3.3. Contractor shall pick-up waste from the requesting Agency within 10 business days from initial request, unless otherwise requested.

- 1.3.4. Contractor shall classify package or repackaging waste as necessary in DOT approved shipping containers.
- 1.3.5. Contractor shall provide appropriate labels to meet shipping requirements.
- 1.3.6. Contractor shall load containers with contractor provided equipment and labor
- 1.3.7. Contractor shall transport waste to designated facilities within timeframes specified in the Vermont Hazardous Waste Management Regulations (VHWMR).
- 1.3.8. Contractor shall submit an itemized invoice and forwarding copies of hazardous waste shipping papers to the appropriate parties within required time frames as specified in the VHWMR.
- 1.3.9. Contractor shall provide a 24/7 toll-free phone number for placing orders and for answering questions about services provided.
- 1.4. **Identification of unknowns and management of abandoned waste:** The Contractor shall provide for profiling, identification and the safe collection and disposal of abandoned hazardous waste or other unknown waste.
 - 1.4.1. Respond within 3 business days to calls for management of abandoned waste
 - 1.4.2. Wear appropriate PPE in accordance with all regulations.
 - 1.4.3. Perform field chemical screen for unknown wastes.
 - 1.4.4. Provide analytical services to characterize waste if field screenings are not sufficient.
 - 1.4.5. Provide on-site sample collection services.
 - 1.4.6. Repack or over pack the container in which it was found.
 - 1.4.7. Move waste to a safe area for the time required for lab analysis.
 - 1.4.8. Manifest and provide safe disposal of waste.
 - 1.4.9. Provide lab data and any other relevant information to the requesting Agency.
 - 1.4.10. Provide a description of available field screening and in-house laboratory service and submit certification information for any contract laboratories used to perform analysis.
 - 1.4.11. Provide a plan for identifying and managing abandoned or unknown waste (Attachment-E).
- 1.5. Recycling and disposal services:
 - 1.5.1. Contractor shall provide for the ultimate disposition of wastes at approved facilities through the following methods if appropriate:
 - Recycled
 - Reclaimed
 - Neutralized or treated
 - Fuel Blended
 - Incinerated
 - Landfilled
 - 1.5.2. The contractor shall ensure that Receiving Facilities will recycle or reclaim; neutralize or treat; dispose of remaining waste material and send appropriate copies of all manifests back to the requesting facility within regulatory time limit.
 - 1.5.3. The contractor shall send a certificate of recycling for all recycled materials to the requesting facility.
 - 1.5.4. The contractor shall send a certificate of destruction for all non-recycled material to the requesting facility.
- 1.6. **Storage Containers:** Contractor shall provide all storage containers necessary for proper handling of hazardous materials, including but not limited to: 5 gallon pail, 30 gallon drum, 55 gallon drum, cubic yards boxes.

- 1.7. **Emergency Response and Immediate Response Services:** Certain conditions require immediate emergency actions of limited scope and duration, to protect public health and the environment.
 - 1.7.1. Contractor is required to respond within three hours of being contacted by the requesting Agency.
 - 1.7.1.1. Contractor shall have ability to begin work, including equipment, on either the day of the response request or within another timeframe approved by the requesting agency.
 - 1.7.2. Contractor shall provide emergency response services and process for addressing emergency situations.
- 1.8. **Medical Waste Collection and Disposal:**
 - 1.8.1. Contractor shall provide services for the following categories as defined by the Vermont Solid Waste Management Rules:
 - Pathological waste: human tissues, organs, and body parts
 - Human blood, blood products and other bodily fluids
 - Cultures and stocks of infectious agents
 - Contaminated sharps
 - Unused sharps
 - Infectious isolation waste
 - Animal and bird carcasses
 - Chemotherapy waste
 - 1.8.2. At no added charge contractor shall provide a full service program to include all packaging supplies and labels, transportation, proper disposal and manifesting of a requesting facility's infectious waste in compliance with all Federal, State and Local regulations.
 - 1.8.3. Contractor shall comply with all Federal, State and Local regulations to include but not limited to samples of tracking system pick-up, transporting, disposing of medicals waste using a manifest system or similar system.
 - 1.8.4. Contractor shall comply with all Federal, State and Local regulations.
 - 1.8.5. Contractor shall transport medical regulated waste to a permitted and certified disposal location. Contractor shall furnish a copy of the certification for permitting disposal of medical waste with a contingency plan to eliminate any potential interruption of service. All locations shall be identified.
 - 1.8.6. Contractor shall pick-up between the hours of 8:00 AM- 3:00 PM Monday thru Friday.
- 1.9. **Permits:** Upon request, Contractor shall provide documentation that all applicable transporters and receiving facilities possess all Federal, State and Local permits and licenses necessary to provide the services offered under this contract. Documentation shall include the dates and activities for which permits are valid, permit numbers, and the names of specific individuals at each regulatory agency that may be contacted to discuss the permits.
- 1.10. **Contractor Responsible Spills:** The Contractor is solely responsible for any and all spills or leaks that arise out of their contract obligation and which occur as a result of or are contributed to by the actions of its agents and employees. The Contractor shall be responsible for clean-up of spills in accordance with applicable federal, state and local laws and regulations. The Contractor shall clean up and dispose of spill debris at no addition cost to the State or Agency.
- 1.11. Upon request, Contractor shall certify in writing to the State department or agency requesting services under this contract that the Contractor has no unresolved violations with the Vermont Agency of Natural Resources. All current violations issued to Contractor by the Vermont Agency of Natural Resources shall be resolved to the satisfaction of the State prior to the provision of services under this contract.
- 1.12. **In-Service Education:** Contractor shall offer in-service education (training classes) to State employees. The State shall issue a request in writing to Contractor outlining the training requirements including customized content, number of State employees to be trained, training location, preferred dates, and a designated State contact person or persons with whom Contractor shall arrange the class. The scope of the in-service education may include Department of Transportation Hazardous Material regulations found

in 49 CFR, regulated medical waste disposal requirements, or a basic review of RCRA and the Vermont Hazardous Waste Regulations. In-service education shall occur during normal State business hours of 7:45AM to 4:30PM Monday through Friday, shall comprise one or more classroom training sessions of four to eight hours each, and will be held in a State-provided facility. The total cost for one session of a training class with no more than 15 State employees per class shall be \$2,450 plus \$50 per person for course materials. Contractor shall provide each attendee with relevant printed course material and, if applicable, compliance handbooks and guides utilized in the class. Contractor shall provide a brief exam at the end of each class which will be discussed and corrected together with all attendees prior to concluding the class. Contractor shall provide a certificate of training to each attendee who completes the exam.

2. **TOWNS AND SCHOOLS AND STATE COLLEGES OF THE STATE OF VERMONT:** This contract is also available for use by Towns and Schools, the University of Vermont and the Vermont State Colleges Inc., a separate corporation, having under its jurisdiction Castleton State College, Johnson State College, Lyndon State College, Community College of Vermont, and the Vermont Technical College. It should be noted that all such items furnished will be billed directly to and paid for by the political subdivision or college and neither the State of Vermont, nor its Commissioner of Buildings and General Services, personally or officially, assumes any responsibility.

ATTACHMENT B – PAYMENT PROVISIONS

The maximum dollar amount payable under this contract is not intended as any form of a guaranteed amount. The Contractor will be paid for products or services actually delivered or performed, as specified in Attachment A, up to the maximum allowable amount specified on page 1 of this contract.

1. Prior to commencement of work and release of any payments, Contractor shall submit to the State:
 - a. a certificate of insurance consistent with the requirements set forth in Attachment C, Section 8 (Insurance), and with any additional requirements for insurance as may be set forth elsewhere in this contract; and
 - b. a current IRS Form W-9 (signed within the last six months).
2. Payment terms are **Net 30** days from the date the State receives an error-free invoice with all necessary and complete supporting documentation.
3. Contractor shall submit detailed invoices itemizing all work performed during the invoice period, including the dates of service, rates of pay, hours of work performed, and any other information and/or documentation appropriate and sufficient to substantiate the amount invoiced for payment by the State. All invoices must include the Contract # for this contract.
4. Contractor shall submit invoices to the State in accordance with the schedule set forth in this Attachment B. Unless a more particular schedule is provided herein, invoices shall be submitted not more frequently than monthly.
5. Invoices shall be submitted to the State at the address of the Agency requesting the service.
6. The payment schedule for delivered products, or rates for services performed, and any additional reimbursements, are listed in Attachment-D.

**ATTACHMENT C: STANDARD STATE PROVISIONS
FOR CONTRACTS AND GRANTS
REVISED DECEMBER 15, 2017**

1. Definitions: For purposes of this Attachment, “Party” shall mean the Contractor, Grantee or Subrecipient, with whom the State of Vermont is executing this Agreement and consistent with the form of the Agreement. “Agreement” shall mean the specific contract or grant to which this form is attached.

2. Entire Agreement: This Agreement, whether in the form of a contract, State-funded grant, or Federally-funded grant, represents the entire agreement between the parties on the subject matter. All prior agreements, representations, statements, negotiations, and understandings shall have no effect.

3. Governing Law, Jurisdiction and Venue; No Waiver of Jury Trial: This Agreement will be governed by the laws of the State of Vermont. Any action or proceeding brought by either the State or the Party in connection with this Agreement shall be brought and enforced in the Superior Court of the State of Vermont, Civil Division, Washington Unit. The Party irrevocably submits to the jurisdiction of this court for any action or proceeding regarding this Agreement. The Party agrees that it must first exhaust any applicable administrative remedies with respect to any cause of action that it may have against the State with regard to its performance under this Agreement. Party agrees that the State shall not be required to submit to binding arbitration or waive its right to a jury trial.

4. Sovereign Immunity: The State reserves all immunities, defenses, rights or actions arising out of the State’s sovereign status or under the Eleventh Amendment to the United States Constitution. No waiver of the State’s immunities, defenses, rights or actions shall be implied or otherwise deemed to exist by reason of the State’s entry into this Agreement.

5. No Employee Benefits For Party: The Party understands that the State will not provide any individual retirement benefits, group life insurance, group health and dental insurance, vacation or sick leave, workers compensation or other benefits or services available to State employees, nor will the State withhold any state or Federal taxes except as required under applicable tax laws, which shall be determined in advance of execution of the Agreement. The Party understands that all tax returns required by the Internal Revenue Code and the State of Vermont, including but not limited to income, withholding, sales and use, and rooms and meals, must be filed by the Party, and information as to Agreement income will be provided by the State of Vermont to the Internal Revenue Service and the Vermont Department of Taxes.

6. Independence: The Party will act in an independent capacity and not as officers or employees of the State.

7. Defense and Indemnity: The Party shall defend the State and its officers and employees against all third party claims or suits arising in whole or in part from any act or omission of the Party or of any agent of the Party in connection with the performance of this Agreement. The State shall notify the Party in the event of any such claim or suit, and the Party shall immediately retain counsel and otherwise provide a complete defense against the entire claim or suit. The State retains the right to participate at its own expense in the defense of any claim. The State shall have the right to approve all proposed settlements of such claims or suits.

After a final judgment or settlement, the Party may request recoupment of specific defense costs and may file suit in Washington Superior Court requesting recoupment. The Party shall be entitled to recoup costs only upon a showing that such costs were entirely unrelated to the defense of any claim arising from an act or omission of the Party in connection with the performance of this Agreement.

The Party shall indemnify the State and its officers and employees if the State, its officers or employees become legally obligated to pay any damages or losses arising from any act or omission of the Party or an agent of the Party in connection with the performance of this Agreement.

Notwithstanding any contrary language anywhere, in no event shall the terms of this Agreement or any document furnished by the Party in connection with its performance under this Agreement obligate the State to (1) defend or indemnify the Party or any third party, or (2) otherwise be liable for the expenses or reimbursement, including attorneys’ fees, collection costs or other costs of the Party or any third party.

8. Insurance: Before commencing work on this Agreement the Party must provide certificates of insurance to show that the following minimum coverages are in effect. It is the responsibility of the Party to maintain current certificates of insurance on file with the State through the term of this Agreement. No warranty is made that the coverages and limits listed

herein are adequate to cover and protect the interests of the Party for the Party's operations. These are solely minimums that have been established to protect the interests of the State.

Workers Compensation: With respect to all operations performed, the Party shall carry workers' compensation insurance in accordance with the laws of the State of Vermont. Vermont will accept an out-of-state employer's workers' compensation coverage while operating in Vermont provided that the insurance carrier is licensed to write insurance in Vermont and an amendatory endorsement is added to the policy adding Vermont for coverage purposes. Otherwise, the party shall secure a Vermont workers' compensation policy, if necessary to comply with Vermont law.

General Liability and Property Damage: With respect to all operations performed under this Agreement, the Party shall carry general liability insurance having all major divisions of coverage including, but not limited to:

Premises - Operations

Products and Completed Operations

Personal Injury Liability

Contractual Liability

The policy shall be on an occurrence form and limits shall not be less than:

\$1,000,000 Each Occurrence

\$2,000,000 General Aggregate

\$1,000,000 Products/Completed Operations Aggregate

\$1,000,000 Personal & Advertising Injury

Automotive Liability: The Party shall carry automotive liability insurance covering all motor vehicles, including hired and non-owned coverage, used in connection with the Agreement. Limits of coverage shall not be less than \$500,000 combined single limit. If performance of this Agreement involves construction, or the transport of persons or hazardous materials, limits of coverage shall not be less than \$1,000,000 combined single limit.

Additional Insured. The General Liability and Property Damage coverages required for performance of this Agreement shall include the State of Vermont and its agencies, departments, officers and employees as Additional Insureds. If performance of this Agreement involves construction, or the transport of persons or hazardous materials, then the required Automotive Liability coverage shall include the State of Vermont and its agencies, departments, officers and employees as Additional Insureds. Coverage shall be primary and non-contributory with any other insurance and self-insurance.

Notice of Cancellation or Change. There shall be no cancellation, change, potential exhaustion of aggregate limits or non-renewal of insurance coverage(s) without thirty (30) days written prior written notice to the State.

9. Reliance by the State on Representations: All payments by the State under this Agreement will be made in reliance upon the accuracy of all representations made by the Party in accordance with this Agreement, including but not limited to bills, invoices, progress reports and other proofs of work.

10. False Claims Act: The Party acknowledges that it is subject to the Vermont False Claims Act as set forth in 32 V.S.A. § 630 *et seq.* If the Party violates the Vermont False Claims Act it shall be liable to the State for civil penalties, treble damages and the costs of the investigation and prosecution of such violation, including attorney's fees, except as the same may be reduced by a court of competent jurisdiction. The Party's liability to the State under the False Claims Act shall not be limited notwithstanding any agreement of the State to otherwise limit Party's liability.

11. Whistleblower Protections: The Party shall not discriminate or retaliate against one of its employees or agents for disclosing information concerning a violation of law, fraud, waste, abuse of authority or acts threatening health or safety, including but not limited to allegations concerning the False Claims Act. Further, the Party shall not require such employees or agents to forego monetary awards as a result of such disclosures, nor should they be required to report misconduct to the Party or its agents prior to reporting to any governmental entity and/or the public.

12. Location of State Data: No State data received, obtained, or generated by the Party in connection with performance under this Agreement shall be processed, transmitted, stored, or transferred by any means outside the continental United States, except with the express written permission of the State.

13. Records Available for Audit: The Party shall maintain all records pertaining to performance under this agreement. "Records" means any written or recorded information, regardless of physical form or characteristics, which is produced or

acquired by the Party in the performance of this agreement. Records produced or acquired in a machine readable electronic format shall be maintained in that format. The records described shall be made available at reasonable times during the period of the Agreement and for three years thereafter or for any period required by law for inspection by any authorized representatives of the State or Federal Government. If any litigation, claim, or audit is started before the expiration of the three-year period, the records shall be retained until all litigation, claims or audit findings involving the records have been resolved.

14. Fair Employment Practices and Americans with Disabilities Act: Party agrees to comply with the requirement of 21 V.S.A. Chapter 5, Subchapter 6, relating to fair employment practices, to the full extent applicable. Party shall also ensure, to the full extent required by the Americans with Disabilities Act of 1990, as amended, that qualified individuals with disabilities receive equitable access to the services, programs, and activities provided by the Party under this Agreement.

15. Set Off: The State may set off any sums which the Party owes the State against any sums due the Party under this Agreement; provided, however, that any set off of amounts due the State of Vermont as taxes shall be in accordance with the procedures more specifically provided hereinafter.

16. Taxes Due to the State:

- A. Party understands and acknowledges responsibility, if applicable, for compliance with State tax laws, including income tax withholding for employees performing services within the State, payment of use tax on property used within the State, corporate and/or personal income tax on income earned within the State.
- B. Party certifies under the pains and penalties of perjury that, as of the date this Agreement is signed, the Party is in good standing with respect to, or in full compliance with, a plan to pay any and all taxes due the State of Vermont.
- C. Party understands that final payment under this Agreement may be withheld if the Commissioner of Taxes determines that the Party is not in good standing with respect to or in full compliance with a plan to pay any and all taxes due to the State of Vermont.
- D. Party also understands the State may set off taxes (and related penalties, interest and fees) due to the State of Vermont, but only if the Party has failed to make an appeal within the time allowed by law, or an appeal has been taken and finally determined and the Party has no further legal recourse to contest the amounts due.

17. Taxation of Purchases: All State purchases must be invoiced tax free. An exemption certificate will be furnished upon request with respect to otherwise taxable items.

18. Child Support: (Only applicable if the Party is a natural person, not a corporation or partnership.) Party states that, as of the date this Agreement is signed, he/she:

- A. is not under any obligation to pay child support; or
- B. is under such an obligation and is in good standing with respect to that obligation; or
- C. has agreed to a payment plan with the Vermont Office of Child Support Services and is in full compliance with that plan.

Party makes this statement with regard to support owed to any and all children residing in Vermont. In addition, if the Party is a resident of Vermont, Party makes this statement with regard to support owed to any and all children residing in any other state or territory of the United States.

19. Sub-Agreements: Party shall not assign, subcontract or subgrant the performance of this Agreement or any portion thereof to any other Party without the prior written approval of the State. Party shall be responsible and liable to the State for all acts or omissions of subcontractors and any other person performing work under this Agreement pursuant to an agreement with Party or any subcontractor.

In the case this Agreement is a contract with a total cost in excess of \$250,000, the Party shall provide to the State a list of all proposed subcontractors and subcontractors' subcontractors, together with the identity of those subcontractors' workers compensation insurance providers, and additional required or requested information, as applicable, in accordance with Section 32 of The Vermont Recovery and Reinvestment Act of 2009 (Act No. 54).

Party shall include the following provisions of this Attachment C in all subcontracts for work performed solely for the State of Vermont and subcontracts for work performed in the State of Vermont: Section 10 ("False Claims Act"); Section 11 ("Whistleblower Protections"); Section 12 ("Location of State Data"); Section 14 ("Fair Employment Practices and

Americans with Disabilities Act”); Section 16 (“Taxes Due the State”); Section 18 (“Child Support”); Section 20 (“No Gifts or Gratuities”); Section 22 (“Certification Regarding Debarment”); Section 30 (“State Facilities”); and Section 32.A (“Certification Regarding Use of State Funds”).

20. No Gifts or Gratuities: Party shall not give title or possession of anything of substantial value (including property, currency, travel and/or education programs) to any officer or employee of the State during the term of this Agreement.

21. Copies: Party shall use reasonable best efforts to ensure that all written reports prepared under this Agreement are printed using both sides of the paper.

22. Certification Regarding Debarment: Party certifies under pains and penalties of perjury that, as of the date that this Agreement is signed, neither Party nor Party’s principals (officers, directors, owners, or partners) are presently debarred, suspended, proposed for debarment, declared ineligible or excluded from participation in Federal programs, or programs supported in whole or in part by Federal funds.

Party further certifies under pains and penalties of perjury that, as of the date that this Agreement is signed, Party is not presently debarred, suspended, nor named on the State’s debarment list at: <http://bgs.vermont.gov/purchasing/debarment>

23. Conflict of Interest: Party shall fully disclose, in writing, any conflicts of interest or potential conflicts of interest.

24. Confidentiality: Party acknowledges and agrees that this Agreement and any and all information obtained by the State from the Party in connection with this Agreement are subject to the State of Vermont Access to Public Records Act, 1 V.S.A. § 315 et seq.

25. Force Majeure: Neither the State nor the Party shall be liable to the other for any failure or delay of performance of any obligations under this Agreement to the extent such failure or delay shall have been wholly or principally caused by acts or events beyond its reasonable control rendering performance illegal or impossible (excluding strikes or lock-outs) (“Force Majeure”). Where Force Majeure is asserted, the nonperforming party must prove that it made all reasonable efforts to remove, eliminate or minimize such cause of delay or damages, diligently pursued performance of its obligations under this Agreement, substantially fulfilled all non-excused obligations, and timely notified the other party of the likelihood or actual occurrence of an event described in this paragraph.

26. Marketing: Party shall not refer to the State in any publicity materials, information pamphlets, press releases, research reports, advertising, sales promotions, trade shows, or marketing materials or similar communications to third parties except with the prior written consent of the State.

27. Termination:

A. Non-Appropriation: If this Agreement extends into more than one fiscal year of the State (July 1 to June 30), and if appropriations are insufficient to support this Agreement, the State may cancel at the end of the fiscal year, or otherwise upon the expiration of existing appropriation authority. In the case that this Agreement is a Grant that is funded in whole or in part by Federal funds, and in the event Federal funds become unavailable or reduced, the State may suspend or cancel this Grant immediately, and the State shall have no obligation to pay Subrecipient from State revenues.

B. Termination for Cause: Either party may terminate this Agreement if a party materially breaches its obligations under this Agreement, and such breach is not cured within thirty (30) days after delivery of the non-breaching party’s notice or such longer time as the non-breaching party may specify in the notice.

C. Termination Assistance: Upon nearing the end of the final term or termination of this Agreement, without respect to cause, the Party shall take all reasonable and prudent measures to facilitate any transition required by the State. All State property, tangible and intangible, shall be returned to the State upon demand at no additional cost to the State in a format acceptable to the State.

28. Continuity of Performance: In the event of a dispute between the Party and the State, each party will continue to perform its obligations under this Agreement during the resolution of the dispute until this Agreement is terminated in accordance with its terms.

29. No Implied Waiver of Remedies: Either party's delay or failure to exercise any right, power or remedy under this Agreement shall not impair any such right, power or remedy, or be construed as a waiver of any such right, power or remedy. All waivers must be in writing.

30. State Facilities: If the State makes space available to the Party in any State facility during the term of this Agreement for purposes of the Party's performance under this Agreement, the Party shall only use the space in accordance with all policies and procedures governing access to and use of State facilities which shall be made available upon request. State facilities will be made available to Party on an "AS IS, WHERE IS" basis, with no warranties whatsoever.

31. Requirements Pertaining Only to Federal Grants and Subrecipient Agreements: If this Agreement is a grant that is funded in whole or in part by Federal funds:

- A. Requirement to Have a Single Audit:** The Subrecipient will complete the Subrecipient Annual Report annually within 45 days after its fiscal year end, informing the State of Vermont whether or not a Single Audit is required for the prior fiscal year. If a Single Audit is required, the Subrecipient will submit a copy of the audit report to the granting Party within 9 months. If a single audit is not required, only the Subrecipient Annual Report is required. For fiscal years ending before December 25, 2015, a Single Audit is required if the subrecipient expends \$500,000 or more in Federal assistance during its fiscal year and must be conducted in accordance with OMB Circular A-133. For fiscal years ending on or after December 25, 2015, a Single Audit is required if the subrecipient expends \$750,000 or more in Federal assistance during its fiscal year and must be conducted in accordance with 2 CFR Chapter I, Chapter II, Part 200, Subpart F. The Subrecipient Annual Report is required to be submitted within 45 days, whether or not a Single Audit is required.
- B. Internal Controls:** In accordance with 2 CFR Part II, §200.303, the Party must establish and maintain effective internal control over the Federal award to provide reasonable assurance that the Party is managing the Federal award in compliance with Federal statutes, regulations, and the terms and conditions of the award. These internal controls should be in compliance with guidance in "Standards for Internal Control in the Federal Government" issued by the Comptroller General of the United States and the "Internal Control Integrated Framework", issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).
- C. Mandatory Disclosures:** In accordance with 2 CFR Part II, §200.113, Party must disclose, in a timely manner, in writing to the State, all violations of Federal criminal law involving fraud, bribery, or gratuity violations potentially affecting the Federal award. Failure to make required disclosures may result in the imposition of sanctions which may include disallowance of costs incurred, withholding of payments, termination of the Agreement, suspension/debarment, etc.

32. Requirements Pertaining Only to State-Funded Grants:

- A. Certification Regarding Use of State Funds:** If Party is an employer and this Agreement is a State-funded grant in excess of \$1,001, Party certifies that none of these State funds will be used to interfere with or restrain the exercise of Party's employee's rights with respect to unionization.
- B. Good Standing Certification (Act 154 of 2016):** If this Agreement is a State-funded grant, Party hereby represents: (i) that it has signed and provided to the State the form prescribed by the Secretary of Administration for purposes of certifying that it is in good standing (as provided in Section 13(a)(2) of Act 154) with the Agency of Natural Resources and the Agency of Agriculture, Food and Markets, or otherwise explaining the circumstances surrounding the inability to so certify, and (ii) that it will comply with the requirements stated therein.

(End of Standard Provisions)

**PRICE SCHEDULE - ATTACHMENT D
HAZARDOUS MATERIAL COLLECTION & DISPOSAL**

The attached price schedule is for the following category/categories and District/Districts:

 X **Emergency Response**

 X **Hazardous Waste Disposal**

 X **Universal Waste Disposal**

AOT District 1	X
AOT District 2	X
AOT District 3	X
AOT District 4	X
AOT District 5	X
AOT District 6	X
AOT District 7	X
AOT District 8	X
AOT District 9	X

For a map of the location of districts go to: <https://vtrans.vermont.gov/operations/districts>

Please note: Department of Transportation (AOT) districts are being used for geographical reference only. Services may be required from any State agency within the District, not just AOT entities.

Bidders Name: NRC East Environmental Services, Inc. Date: April 30, 2019

PRICE SCHEDULE HAZARDOUS MATERIAL COLLECTION & DISPOSAL

Material Categories	Method of Disposal (e.g. recycling, reclamation)	Unit of Measure	Unit Price
Automotive Wastes	Recycle (not mixed)	Gallon	\$ 2.10
Flammable Liquids	Recycle / Fuel Blend	Gallon	\$ 2.10
Halogenated & Non-Halogenated Organic Solvents	Recycle / Fuel Blend	Gallon	\$2.10 high BTU, N/H \$ 3.90 high BTU, Hal \$ 7.00 low BTU, Hal
Paint and Paint Products	Fuel Blend (pumpable)	Gallon	\$ 3.80
Acid, alkaline and aqueous solutions with heavy metals	Treatment/Landfill (pumpable Inorganic aqueous solution)	Gallon	\$ 3.09
Lab pack pesticides/herbicides and other chemicals	Incineration - Pest/Herb & RCRA (50 lbs. minimum)	Pound	\$ 8.25
Aerosol cans (150 lb. minimum)	Incineration / Fuel Blend	Pound	\$ 1.85
Liquid oxidizers and solid bulk oxidizers	Treatment / Landfill (400 lb. min.)	Gallon Pound	\$10.65 (non-chlor) \$1.45 (non-chlor, no debris)
Liquid mercury and mercury saturated articles	Retort (debris assumes 400 lb. minimum)	Pound Pound	\$ 4.85 (debris) \$43.00 (elemental)
Vinyl asbestos tile or other conditionally exempt asbestos containing materials	Landfill (400 lb. minimum)	Pound	\$ 0.65
Soil contaminated with petroleum hydrocarbons	Landfill (700 lb. minimum)	Pound	\$ 0.17
Soil contaminated with solvents	Treatment/Landfill (700 lb. min.)	Pound	\$ 0.56
Soil contaminated with heavy metals other than mercury	Treatment/Landfill (700 lb. min.)	Pound	\$ 0.34
Debris contaminated with chemicals	Incineration (300 lb. minimum)	Pound	\$ 1.35
Heavy metal bearing solids	Treatment/Landfill (400 lb. min.)	Pound	\$ 0.42
Propane Tanks	Recycle (1 lb. size)	Each	\$ 7.15
Unknown compressed gases	Case-by-Case	----	\$ ----
Hazardous sludge (no mercury, no PCBs)	Treatment/Landfill (700 lb. min.)	Pound	\$ 0.55
PCB contaminated materials (400 lb. min.)	Landfill, Solids, non-RCRA, no free liquids	Pound	\$ 0.76
Low level radioactive materials	Case-by-Case	----	\$ ----

BIDDERS ARE REQUIRED TO PROVIDE A DETAILED LIST OF SERVICES FOR EACH OF THE ABOVE CATEROGIES. BIDDERS MUST PROVIDE THE UNIT OF MEASURE OF EACH ITEM. TO ENSURE EQUAL COMPARISON PRICING MUST BE CONVERTED TO EITHER A GALLON OR POUND PRICE.

Billing will be based on 55-gallon drum size for liquids, not container contents.

See attached detailed waste disposal rates

Bidders Name: NRC East Environmental Services, Inc. Date: April 30, 2019

PRICE SCHEDULE

MATERIAL STORAGE CONTAINERS AND PACKING MATERIALS

Storage Container	Unit of Issue	Unit Price
5 Gallon Pail	EA	\$ 25.00
30 Gallon Drum (poly)	EA	\$ 45.00
55 Gallon Drum (steel)	EA	\$ 38.00
Cubic Yard Box	EA	\$ 110.00
80 Gallon over drum (steel)	EA	\$ 215.00

Prices noted above are for RECON drums - please see full rate sheet for NEW drums.

BIDDERS ARE ENCOURAGE PROVIDE ALTERNATIVES OTHER THAN THOSE LISTED ABOVE AND PROVIDE A DETAIL LIST WITH PRICING.

PLEASE PROVIDE A DETAILED LIST OF PACKING/FILLING MATERIALS SUCH AS VERMICULATE AND CHARCOAL TO INCLUDE PRICING.

Packing Materials	Unit of Issue	Unit Price
Vermiculite	EA (50 lb. bag)	\$ 35.00
Charcoal	EA	\$ N/A

Bidders Name: NRC East Environmental Services, Inc. Date: April 30, 2019

PRICE SCHEDULE

HOURLY LABOR RATES

For labor rates above and beyond normal duties of transporting waste, such as packing or repacking, waste materials etc. Labor charges should not include time required to load pre-packed drums or transferring materials from tanks to collection vehicle.

		Hourly Labor Rate
Monday – Friday	7:45 AM to 4:30 PM	\$ 56.00
Monday – Friday	After 4:30 PM	\$ 79.00
Saturday or Sunday	7:45 AM to 4:30 PM	\$ 79.00
Saturday or Sunday	After 4:30 PM	\$ 79.00
Overtime Rates	Over 8 hours	\$ 79.00
State Holidays		\$ 100.00

Labor Rates are not ER Call-Out rates. Please see attachment for ER Rates.

Bidders will provide a detailed list of positions necessary to fulfill this contract. Include profiling and identification of abandoned wastes and emergency response.

Bidders will identify all costs associated with the testing, handling and or removal of abandoned waste and list them below or on a separate sheet of paper. All disposal and transportation cost must comply with costs stated in the disposal and transportation sections of the price schedule.

Testing, handling and removal services	Cost
1. See attached Situation #1	\$ 4,510.00
2. See attached Situation #2	\$ 8,260.00
3.	\$
4.	\$
5.	\$
6.	\$
7.	\$
8.	\$

Bidders Name: NRC East Environmental Services, Inc. Date: April 30, 2019

PRICE SCHEDULE

Transportation Charges

Maximum shipping charge for the collection and transportation for quantity of items listed.
These prices include all costs associated with drivers and trucks.

Region	Quantity		
	1-5 Items	6-10 Items	Over 10 Items
AOT District 1	\$225.00	\$225.00	Base + \$10/drum*
AOT District 2	\$225.00	\$225.00	Base + \$10/drum*
AOT District 3	\$150.00	\$150.00	Base + \$10/drum*
AOT District 4	\$150.00	\$150.00	Base + \$10/drum*
AOT District 5	\$ 75.00	\$ 75.00	Base + \$10/drum*
AOT District 6	\$100.00	\$100.00	Base + \$10/drum*
AOT District 7	\$200.00	\$200.00	Base + \$10/drum*
AOT District 8	\$125.00	\$125.00	Base + \$10/drum*
AOT District 9	\$225.00	\$225.00	Base + \$10/drum*

* based on 55-gallon drum

Bidders Name: NRC East Environmental Services, Inc. Date: April 30, 2019

PRICE SCHEDULE

Medical Waste Collection and Disposal

Region	Containers	Cubic Foot Boxes	Other
AOT District 1	Per lb \$ 9.75	Per lb \$ 9.75	Per lb \$ 9.75
AOT District 2	Per lb \$ 9.75	Per lb \$ 9.75	Per lb \$ 9.75
AOT District 3	Per lb \$ 7.25	Per lb \$ 7.25	Per lb \$ 7.25
AOT District 4	Per lb \$ 7.25	Per lb \$ 7.25	Per lb \$ 7.25
AOT District 5	Per lb \$ 4.75	Per lb \$ 4.75	Per lb \$ 4.75
AOT District 6	Per lb \$ 5.60	Per lb \$ 5.60	Per lb \$ 5.60
AOT District 7	Per lb \$ 8.90	Per lb \$ 8.90	Per lb \$ 8.90
AOT District 8	Per lb \$ 6.40	Per lb \$ 6.40	Per lb \$ 6.40
AOT District 9	Per lb \$ 9.75	Per lb \$ 9.75	Per lb \$ 9.75

All pricing includes transportation and services for Medical/Infectious Regulated Waste Collection and Disposal.

NOTES:

- assumes 30-gallon container or smaller, cannot be metal or black.
- waste cannot be loose in cubic yard boxes
- assumes non-RCRA, regulated medical waste.
- waste will be combined with other pick-ups in immediate area and varies based on pick-up schedule and volume
- assumes 30 lb. minimum per container (30 gal. or smaller)
- assumes 225 lb. minimum per cubic yard box

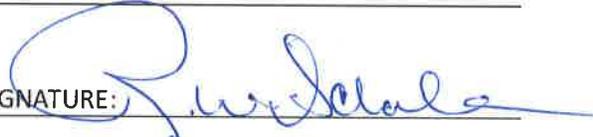
Bidders Name: NRC East Environmental Services, Inc. Date: April 30, 2019

PRICE SCHEDULE

Material Categories	Method of Disposal	Unit of Measure	Unit Price
Pharmaceutical Bins (Flammable)	Incineration	Gallon Pound	\$ 1.40
Non-Hazardous Pharmaceutical Bin	Incineration	Gallon Pound	\$ 0.75
Aerosols (150 lb. minimum)	Incineration/Fuel Blend	Pound	\$ 1.85
Ammonia Inhalants Pharmaceutical Bins (Flammable, Corrosive)	Incineration	Gallon Pound	\$ 5.75
Human blood, blood products and other bodily fluids (30-gallon poly drum, not black)	Incineration/ Autoclave	Pound (55 lb. min.) Gallon	\$ 2.25
Contaminated sharps (30-gallon poly drum, not black)	Incineration/ Autoclave	Pound (55 lb. min.) Gallon	\$ 2.25
Unused sharps (30-gallon poly drum, not black)	Incineration/ Autoclave	Pound (55 lb. min.) Gallon	\$ 2.25
Manifesting, Loading & Transportation	(10 hour day)	Per Drum Run	\$ 950.00

(\$200 min./55 gal. drum)

COMPANY NAME: NRC East Environmental Services, Inc.

SIGNATURE: 

DATE: April 30, 2019

Pharmaceutical bins (flammable) minimums:

\$405/55 gal., \$250/30 gal., \$130/15 gal., \$75/5 gal., \$60/2 gal

Ammonia inhalants pharmaceutical minimums:

\$405/55 gal., \$250/30 gal., \$130/15 gal., \$75/5 gal., \$60/2 gal



NRC LABOR AND EQUIPMENT RATES FOR VT BGS ER HAZ BID APRIL 2019
Rates Effective May 2019 – May 2021

LABOR	STRAIGHT TIME	OVER TIME	HOLIDAY/EMERGENCY
Project Manager	\$94.00	\$132.00	\$170.00
Environmental Scientist	\$83.00	\$117.00	\$150.00
Chemist	\$78.00	\$110.00	\$140.00
Project Supervisor	\$72.00	\$101.00	\$130.00
Foreman	\$61.00	\$86.00	\$110.00
Equipment Operator / Driver	\$56.00	\$79.00	\$100.00
Field Technician	\$50.00	\$70.00	\$90.00

EQUIPMENT	HOURLY RATE	DAILY RATE	CAPACITY / SIZE
Vacuum Truck	\$65.00	N/A	4,000g Capacity
Turbo Vactor Truck	\$95.00	N/A	2,500g/12yd Capacity
Hazardous Waste Box Truck	\$75.00	N/A	45 55g Drum Capacity
6 Wheel Dump Truck	\$45.00	N/A	
Utility Truck c/w Small Power & Hand Tools	\$37.50	\$300.00	
ER Truck	\$65.00	\$520.00	
Excavator	N/A	\$450.00	JD50-Mini
Track Mounted Drill Rig c/w Operator & Tender	N/A	\$1,600.00	MOB/Consumables Add.
Skid Steer/Uniloaders	N/A	\$450.00	MOB/DEMOB Add.
Frac Tank	N/A	\$45.00	21,000g, MOB/DEMOB ADD
Confined Space Entry Package	N/A	\$200.00	
Pressure Washer	N/A	\$100.00	
PID/LEL	N/A	\$100.00	
OSHA Level C PPE	N/A	\$65.00/set	

MATERIALS	UNIT RATE
55-Gallon Steel Drum – Open Top (Recon)	\$38.00
55-Gallon Steel Drum – Open Top (New)	\$75.00
55-Gallon Steel Drum – Closed Top (Recon)	\$38.00
55-Gallon Steel Drum – Closed Top (New)	\$85.00
55-Gallon Poly Drum – Open/Closed Top (Recon)	\$55.00
55-Gallon Poly Drum – Open Top (New)	\$85.00
55-Gallon Poly Drum – Closed Top (New)	\$75.00
30-Gallon Poly Drum – Open/Closed Top (Recon)	\$45.00
15-Gallon Poly Drum – Open/Closed Top (Recon)	\$45.00
5-Gallon Pail (New)	\$25.00
Poly Sheeting, 6mil 20'x100'	\$105.00
5" Boom (4x10' sections per bale)	\$105.00
Oil Absorbent Pads (Bale)	\$105.00



NRC LABOR AND EQUIPMENT RATES FOR VT BGS ER HAZ BID APRIL 2019
Rates Effective May 2019 – May 2021

LABORATORY TESTING

PER SAMPLE

8260 Volatiles Totals	\$82.80
RCRA 8 Metals Totals	\$57.50
PCBs	\$56.35
Ignitability	\$23.00
TPH-DRO / TPH-GRO	\$57.50 / \$63.25
8270 Semi-Volatiles	\$149.50
Corrosivity (pH)	\$11.50
Reactivity (Cyanides, Sulfide)	\$40.25
8081 Pesticides Totals	\$58.65
8151 Herbicides Totals	\$120.75
TCLP Extraction (per sample)	\$57.50
Full TCLP/SPLP (ABN,Herb/Pest,Vol,Metals, Ext)	\$526.70

**Additional \$50.00 fee applied if sample totals are less than \$287.50



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)		Units
		ER	BASE	
<u>Field Operations Personnel</u>				
AS	Administrative Support	\$ 48.00	\$ 48.00	/ Hour
BFT	Bio-Hazard Field Technician	\$ 85.00	\$ 75.00	/ Hour
EO	Equipment Operator	\$ 100.00	\$ 56.00	/ Hour
FC	Field Chemist	\$ 140.00	\$ 78.00	/ Hour
TE	Field Technician (Technician HAZWOPER)	\$ 90.00	\$ 50.00	/ Hour
SF	Site Foreman	\$ 110.00	\$ 61.00	/ Hour
HS	Health and Safety Officer	\$ 98.00	\$ 98.00	/ Hour
VO	Marine Operator	\$ 73.00	\$ 62.00	/ Hour
LO	Marine Operator (Licensed Captain)	\$ 85.00	\$ 85.00	/ Hour
MC	Mechanic	\$ 85.00	\$ 85.00	/ Hour
PM	Project Manager	\$ 170.00	\$ 94.00	/ Hour
ST	Sampling Technician	\$ 65.00	\$ 55.00	/ Hour
SC	Senior Chemist	\$ 125.00	\$ 95.00	/ Hour
FS	Supervisor	\$ 130.00	\$ 72.00	/ Hour
TCS	Traffic Control Supervisor	\$ 110.00	\$ 110.00	/ Hour
DR	Truck Driver	\$ 100.00	\$ 56.00	/ Hour
WD	Welder	\$ 98.00	\$ 98.00	/ Hour
ABH	Asbestos Handler	\$ 60.00	\$ 60.00	/ Hour
ABS	Asbestos Supervisor	\$ 75.00	\$ 65.00	/ Hour
<u>Professional Support Personnel</u>				
AM	Administrative Manager	\$ 55.00	\$ 55.00	/ Hour
CH	Certified Industrial Hygienist (CIH)	\$ 185.00	\$ 185.00	/ Hour
CO	Contract Officer	\$ 95.00	\$ 95.00	/ Hour
RC	Coordinator	\$ 85.00	\$ 85.00	/ Hour
DC	Disposal Coordinator	\$ 75.00	\$ 75.00	/ Hour
ERC	Emergency Response Coordinator	\$ 85.00	\$ 85.00	/ Hour
ERM	Emergency Response Manager	\$ 175.00	\$ 175.00	/ Hour
IC	Incident Commander	\$ 200.00	\$ 200.00	/ Hour
LS	Legal Specialist	\$ 300.00	\$ 300.00	/ Hour
LC	Logistics Coordinator	\$ 85.00	\$ 85.00	/ Hour
LSP	Principal/Licensed Site Professional (LSP)	\$ 195.00	\$ 195.00	/ Hour
PE	Project Geologist/Engineer	\$ 135.00	\$ 135.00	/ Hour
QA	Quality Assurance Officer	\$ 95.00	\$ 95.00	/ Hour
SES	Senior Environmental Specialist	\$ 95.00	\$ 95.00	/ Hour
SP	Senior Project Manager	\$ 150.00	\$ 150.00	/ Hour
ZM	Zone Manager	\$ 85.00	\$ 85.00	/ Hour



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
<u>Monitoring & Safety Equipment</u>			
1742	Coliwasa Sampler	\$ 25.00	/ Each
1743	Colorimetric Analysis Kit	\$ 75.00	/ Day
1744	Colorimetric Analysis Tubes	\$ 20.00	/ Day
1745	Drager Air Monitoring Pump	\$ 65.00	/ Day
1746	Flag Warning System - 200' (OSHA Approved)	\$ 600.00	/ Day
1747	Four Gas Meter (LEL, O2,CO & H2S)	\$ 100.00	/ Day
1748	Five Gas Meter (LEL, O2,CO, H2S & NH3)	\$ 100.00	/ Day
1711	Geiger Counter (handheld)	\$ 160.00	/ Day
1749	Hazardous Classifications (Field Tests)	\$ 30.00	/ Test
1713	Jerome Meter (Mercury)	\$ 500.00	/ Day
1723	Lumex Mercury Analyzer	\$ 850.00	/ Day
1733	Manometer	\$ 100.00	/ Day
1750	Oil/Water Interface Meter	\$ 50.00	/ Day
1751	Organic Vapor Analyzer (OVM/FID)	\$ 185.00	/ Day
1716	Organic Vapor Analyzer (OVM/PID)	\$ 100.00	/ Day
1752	Personal Air Pump	\$ 55.00	/ Day
M607	Petro Flag TPH Kit	\$ 45.00	/ Each
1753	pH Meter	\$ 25.00	/ Day
1754	Thief (25 mil)	\$ 6.00	/ Each
1755	Thief (75 mil)	\$ 12.00	/ Each
1756	Well Gauging Probe	\$ 55.00	/ Day
<u>Health & Safety Materials / Expendables</u>			
M488	Boots, Rubber Chest Waders	\$ 175.00	/ Each
M448	Boots, Rubber Hip Waders	\$ 75.00	/ Each
M410	Boots, Yellow Latex "chicken"	\$ 15.00	/ Pair
M454	Boots, Yellow PVC Construction	\$ 45.00	/ Pair
M455	Cartridges, North HEPA	\$ 15.00	/ Pair
M434	Cartridges, North Mercury Vapor	\$ 40.00	/ Pair
M456	Cartridges, North Organic Vapor	\$ 25.00	/ Pair
M457	Cartridges, North Organic Vapor/Acid Gas	\$ 25.00	/ Pair
M443	Cartridges, North Organic Vapor/Acid Gas/HEPA (Defender)	\$ 45.00	/ Pair
M458	Dexsil Test Kits	\$ 75.00	/ Each
M451	Dielectric Gloves / Boots (Disposable)	\$ 25.00	/ Each
M459	Disposable Bailer	\$ 25.00	/ Each
M460	ER Haz-Mat Test Indicator Strip	\$ 15.00	/ Test
M421	FRC Rain Gear (2 piece)	\$ 65.00	/ Each
M419	Glasses, Clear Anti-Fog	\$ 10.00	/ Each
M420	Glasses, Dark Anti-Fog	\$ 10.00	/ Each
M418	Glasses, Silver Shaded	\$ 12.00	/ Each
M414	Glove, Atlas Regrip/Rubber	\$ 15.00	/ Pair
M411	Glove, Atlas Thermal	\$ 15.00	/ Pair
M408	Gloves, Butyl Rubber	\$ 42.00	/ Pair
M415	Glove, Latex Liner (28 mil)	\$ 8.00	/ Pair
M407	Gloves, PVC Coated	\$ 16.00	/ Pair
M404	Gloves, Sampling/Surgeon	\$ 25.00	/ Box
M405	Gloves, Silver Shield	\$ 25.00	/ Pair



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
M416	Glove, Solvex Ansell	\$ 10.00	/ Pair
M413	Glove, String Inner	\$ 6.00	/ Pair
M402	Gloves, Work Leather	\$ 12.00	/ Pair
M423	Heavy Duty Rain Jacket	\$ 31.20	/ Each
M422	Heavy Duty Rain Pants	\$ 31.20	/ Each
M461	Hydration (per worker / per day)	\$ 15.00	/ Each
M417	Latex, Flock Lined (28 mil)	\$ 10.00	/ Pair
M644	OSHA Personnel Cassettes (Asbestos)	\$ 8.00	/ Each
M452	OSHA Personnel Cassettes (Lead)	\$ 8.00	/ Each
M632	pH Indicator Paper	\$ 25.00	/ Pack
M462	Respirator N95	\$ 5.00	/ Each
M437	Safety Goggles	\$ 18.00	/ Each
M450	Suite, Asbestos	\$ 5.00	/ Each
M432	Suit, Disposal Rain Gear	\$ 35.00	/ Each
M449	Suit, Blue Tyvek	\$ 20.00	/ Each
M463	Suit, Level A (reusable)	\$ 1,500.00	/ Each
M464	Suit, Level B (one/two time use)	\$ 800.00	/ Each
M465	Suit, Saranex Coated (Taped Seam)	\$ 78.00	/ Each
M439	Suit, Saranex Coated White Tyvek	\$ 48.00	/ Each
M440	Suit, Standard White Tyvek	\$ 26.00	/ Each
M441	Suit, Yellow Poly Coated Tyvek	\$ 44.00	/ Each

Health & Safety Equipment

M466	Arrow Board (Illuminated)	\$ 375.00	/ Day
M467	Confined Space Entry Ladder	\$ 25.00	/ Day
1721	Confined Space Entry Tripod w/Retrieval Winch	\$ 200.00	/ Day
M487	Confined Space Rescue Board System	\$ 600.00	/ Day
M468	Decontamination Shower Unit	\$ 175.00	/ Day
M469	Flashing barricades	\$ 20.00	/ Day
M470	Grounding & Bounding Equipment	\$ 250.00	/ Day
1735	Headlamp (each)	\$ 5.00	/ Day
1521	Intrinsically Safe Work Light	\$ 175.00	/ Day
M471	Level A PPE Allowance (per changeout)	\$ 600.00	/ Day
M472	Level B PPE Allowance (per changeout)	\$ 350.00	/ Day
M473	Level C PPE Allowance (per changeout)	\$ 65.00	/ Day
M474	Lifeline w/ Safety Hook	\$ 20.00	/ Day
1727	NFPA Fire Bunker Gear (per set)	\$ 300.00	/ Day
M475	Non-Illuminated Traffic Control System (DOT Approved)	\$ 400.00	/ Day
M476	Non-Sparking Tools	\$ 175.00	/ Day
M491	Coveralls (Nomax, non-disposable) Each	\$ 20.00	/ Day
1704	Portable Eye Wash Station	\$ 40.00	/ Day
1708	Respirator Full-Face Air Purifying	\$ 40.00	/ Day
1709	Respirator Half-Face Air Purifying	\$ 25.00	/ Day
M477	Respirator Powered Full-Face Air Purifying	\$ 80.00	/ Day
M478	Respirator Supplied Air w/ 5 Minute Egress Pack	\$ 175.00	/ Day
M445	Rope, Rescue (Lifeline or Tagline) 10'	\$ 40.00	/ Day
1710	Safety Harness	\$ 40.00	/ Day
M479	Self Contained Breathing Apparatus (SCBA)	\$ 375.00	/ Day
M480	Supplied Air Cylinder Refill	\$ 70.00	/ Each



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
M481	Supplied Air Cylinders (2,000 psi - 300 cf)	\$ 45.00	/ Day
M482	Supplied Air Hose (50 foot)	\$ 25.00	/ Day
M483	Supplied Air Manifold	\$ 75.00	/ Day
M484	Supplied Air Regulator	\$ 40.00	/ Day
M485	Ventilator, Explosion Proof Electric 3,600 cfm	\$ 120.00	/ Day
M486	Ventilator, Explosion Proof Pneumatic (12,000 cfm)	\$ 120.00	/ Day
<u>Field Service Materials & Supplies</u>			
M113	Bag Filter (50 Micron)	\$ 1,400.00	/ Set
M114	Bag House Steel Cage	\$ 75.00	/ Each
M513	Barrier Fence 4' x 100' Safety Orange	\$ 65.00	/ Roll
M108	Bulk Bags, Fiber (1 yard)	\$ 55.00	/ Each
M701	Burlap, Asbestos Bags	\$ 3.00	/ Each
M115	Carbon Filter (2000 cfm)	\$ 150.00	/ Each
M116	Carbon Filter (Air Scrubber 1,000 cfm)	\$ 110.00	/ Each
M117	Cleaner, Disinfectant Agent (ShockWave, Concentrate)	\$ 95.00	/ Gallon
M118	Cleaner, Disinfectant Agent (ShockWave, Hydrogen Peroxide)	\$ 75.00	/ Gallon
M119	Cleaner, Disinfectant Agent (ShockWave, Ready to Use)	\$ 65.00	/ Gallon
M201	Cleaner, Simple Green Degreasing Agent	\$ 22.00	/ Gallon
M120	Cleaner, Sodium Hydroxide Based Concentrate	\$ 20.00	/ Gallon
M610	Concrete Bag 60#	\$ 20.00	/ Each
M121	Container, 1 Qt. Sample Jar	\$ 5.00	/ Each
M311	Container, 275 Gallon Poly Tote	\$ 425.00	/ Each
M317	Container, 275 Gallon Poly Tote (reconditioned)	\$ 250.00	/ Each
M122	Container, 30 Gallon Poly Open Top 1h2/Y142/S	\$ 45.00	/ Each
M123	Container, 330 Gallon Poly Tote	\$ 475.00	/ Each
M124	Container, 330 Gallon Poly Tote (reconditioned)	\$ 325.00	/ Each
M301	Container, 5 Gallon Poly Pail 1h2/Y1.5/60	\$ 25.00	/ Each
M307	Container, 55 Gallon Closed Top Poly Drum 1h1/Y1.8/150	\$ 55.00	/ Each
M305	Container, 55 Gallon Closed Top Steel Drum 1a1/Y1.4/100	\$ 38.00	/ Each
M125	Container, 55 Gallon Fiber Green Drum	\$ 110.00	/ Each
M490	Container, 55 Gallon Fiber Open Top 1g/Y190/S	\$ 45.00	/ Each
M126	Container, 55 Gallon Open Top Poly Drum	\$ 55.00	/ Each
M127	Container, 55 Gallon Open Top Steel Drum 1a2/Y1.2/100	\$ 38.00	/ Each
M308	Container, 85 Gallon Steel Overpack 1a2/X400/S	\$ 215.00	/ Each
M310	Container, 95 Gallon Poly Overpack 1h2/Y318/S	\$ 300.00	/ Each
M128	Container, Bio-Hazard Box (Small)	\$ 20.00	/ Each
M129	Container, Bio-Hazard Box (Large)	\$ 40.00	/ Each
M312	Container, T Pak (1 Cubic Yard)	\$ 125.00	/ Each
M203	Decon Solvent	\$ 45.00	/ Gallon
M130	Deionized Water (5 Gallons)	\$ 25.00	/ Each
M131	Dry Ice	\$ 140.00	/ 50 lbs
M604	Duct Tape (2-inch)	\$ 12.00	/ Roll
M646	Duct Tape (3-inch)	\$ 18.00	/ Roll
M643	Duct Tape Poly (3-inch)	\$ 20.00	/ Roll
M209	Encapsulant Solution	\$ 48.00	/ Gallon
M132	Filter Fabric	\$ 800.00	/ Roll
M133	Fungicide/Disinfectant	\$ 25.00	/ Gallon
M702	Glovebags	\$ 20.00	/ Each



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
M605	Haz Cat Kit (each test)	\$ 20.00	/ Each
M134	Hose, 6" Disposable PE Flex for Vactor	\$ 2.25	/ LF
M608	Ice Melt, Bulk 2000#	\$ 900.00	/ Each
M135	Ice Melt, Calcium Chloride (50lb. bag)	\$ 40.00	/ Each
M136	Infectious Waste Bags (Red)	\$ 4.00	/ Each
M137	Infectious Waste Labels (Drum)	\$ 5.00	/ Each
M138	Infectious Waste Placards	\$ 20.00	/ Each
M210	Mastic Remover	\$ 24.00	/ Gallon
M207	Mercon-X Decontaminant	\$ 200.00	/ Gallon
M206	Mercury Spill Kit	\$ 600.00	/ Each
M139	Mop Heads	\$ 16.00	/ Each
M140	Plastic Ties	\$ 1.00	/ Each
M141	Plug & Patch Kit	\$ 400.00	/ Each
M142	Poly Tubing	\$ 60.00	/ Roll
M104	Poly, 10-mil Sheeting (20' x 100')	\$ 195.00	/ Roll
M102	Poly, 6-mil 55 Gallon Drum Liners	\$ 30.00	/ Each
M700	Poly, 6-mil Black Asbestos Bags	\$ 95.00	/ Roll
M109	Poly, 6-mil Clear Bags (50/Roll)	\$ 149.00	/ Roll
M143	Poly, 6-mil Clear Dump Truck Liners	\$ 185.00	/ Each
M103	Poly, 6-mil Clear Roll-Off Container Liners	\$ 80.00	/ Each
M105	Poly, 6-mil Clear Sheeting (20' x 100')	\$ 105.00	/ Roll
M107	Poly, 6-mil Clear Sheeting (32' x 100')	\$ 130.00	/ Roll
M111	Poly, 6-mil Clear Sheeting Fire Rated (20' x 100')	\$ 190.00	/ Roll
M144	Poly, 6-mil Clear Sheeting Reinforced (20' x 100')	\$ 210.00	/ Roll
M145	Pre-Filters (Negative Air 2000 cfm)	\$ 10.00	/ Each
M146	Pump Sprayer	\$ 90.00	/ Each
M601	Rags	\$ 75.00	/ Box
M147	Red Bio-Hazard Tape	\$ 40.00	/ Roll
M148	Replacement Carbon	\$ 2.45	/ Pound
M169	Rope 1/2" Manila (50' Section)	\$ 35.00	/ Each
M170	Rope 1/2" Nylon (50' Section)	\$ 40.00	/ Each
M149	Rope 1/4" Nylon (50' Section)	\$ 25.00	/ Each
M150	Rope 5/8" Nylon (50' Section)	\$ 45.00	/ Each
M318	Sample Can (1 Gallon)	\$ 10.00	/ Each
M151	Sample Can (5 Gallon)	\$ 20.00	/ Each
M152	Sample Cooler (shipping charge extra)	\$ 40.00	/ Each
M630	Scrubbing Pads	\$ 4.00	/ Each
M153	Sodium Bicarbonate (50 lb bag)	\$ 40.00	/ Bag
M202	Sodium Hypochlorite 15% Solution	\$ 20.00	/ Gallon
M154	Sorbent Pads, Chemical (100/bale)	\$ 150.00	/ Bale
M506	Sorbents 5" x 10' Boom	\$ 105.00	/ Bale
M507	Sorbents 8" x 10' Boom	\$ 55.00	/ Each
M155	Sorbents Blanket	\$ 150.00	/ Each
M515	Sorbent Boom Skirt (100 x 8 x 12)	\$ 910.00	/ Each
M516	Sorbent Boom Skirt (50 x 4 x 4)	\$ 390.00	/ Each
M517	Sorbent Boom (38 x 144 x 3/8)	\$ 117.00	/ Each
M518	Sorbent Boom (34 x 38 x 3/8) Bale	\$ 78.00	/ Each
M156	Sorbents Clay Based For Petroleum (60 lb bag)	\$ 20.00	/ Each
M157	Sorbents Corn Cobb Based Media (15 lb bag)	\$ 15.00	/ Each
M158	Sorbents Envirobond Polymer Based (5 g pail)	\$ 165.00	/ Each



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
M159	Sorbents Oil Snare	\$ 90.00	/ Box
M160	Sorbents Oil Sweep	\$ 125.00	/ Bale
M161	Sorbents Paper Shop Rags	\$ 15.00	/ Roll
M511	Sorbents Vermiculite	\$ 25.00	/ Each
M512	Sorbents White Pads (18" x 18")	\$ 105.00	/ Bale
M615	Spilfyter Strips	\$ 12.00	/ Each
M162	Spray Bottles	\$ 15.00	/ Each
M639	Spray Glue Adhesive	\$ 16.00	/ Can
M163	Stabilizers, Lime (50 lb)	\$ 40.00	/ Bag
M164	Stabilizers, Soda Ash (100 lb)	\$ 120.00	/ Bag
M165	Stakes - Metal	\$ 8.00	/ Each
M166	Stakes - Wooden	\$ 3.00	/ Each
M645	Towels, Disposable	\$ 1.50	/ Each
M168	Trash Bags Standard Industrial Strength	\$ 5.00	/ Each
M802	Water, Portable (5 gallon)	\$ 10.00	/ Each
M704	Wetting Agent	\$ 58.00	/ Pail
M600	Yellow Caution Tape	\$ 20.00	/ Roll

Field Service Equipment

1102	Air Compressor, Diesel Powered (185 cfm)	\$ 225.00	/ Day
1109	Air Compressor, Diesel Powered (375 cfm)	\$ 450.00	/ Day
1110	Air Compressor, Electric Powered (12 cfm)	\$ 65.00	/ Day
1112	Air Compressor, Gasoline Powered (17 cfm)	\$ 75.00	/ Day
1319	Air Drum Vac Head	\$ 250.00	/ Day
	Air Compressor and Drum Head Vac Combo	\$ 385.00	/ Day
1113	Air Mover (Industrial Fan)	\$ 50.00	/ Day
1198	Air Scrubbers (1,000 cfm)	\$ 175.00	/ Day
1114	Betts Emergency Transfer Valve	\$ 1,000.00	/ Day
1115	Bucket w/ Ringer & Mop	\$ 20.00	/ Day
1573	Buffer (Floor, Electric)	\$ 75.00	/ Day
1116	Cart (Poly Tilt - Demo)	\$ 50.00	/ Day
1537	Chainsaw	\$ 75.00	/ Day
1117	Command Center Structure (Portable)	\$ 400.00	/ Day
5022	Compactor, Vibratory Double Drum Ride On	\$ 440.00	/ Day
1505	Compactor, Vibratory Plate (large)	\$ 95.00	/ Day
1118	Compactor, Vibratory Plate (small)	\$ 65.00	/ Day
1104	Coppus Blower (Electric)	\$ 85.00	/ Day
1119	Coppus Blower (Pneumatic)	\$ 95.00	/ Day
1120	Coring Machine	\$ 150.00	/ Day
1538	Cutoff Saw	\$ 133.00	/ Day
1121	Dehumidifier (Industrial)	\$ 250.00	/ Day
1122	Diesel Peristaltic Pumps	\$ 600.00	/ Day
1580	Drum Dolly	\$ 41.00	/ Day
1123	Drum Skimmer (36")	\$ 450.00	/ Day
1124	Drum Skimmer (72")	\$ 750.00	/ Day
1125	Dry Ice Blasting System (Cold Jet)	\$ 800.00	/ Day
1126	Dryer (Pneumatic)	\$ 210.00	/ Day
1127	Electrical Distribution Box	\$ 75.00	/ Day
1128	Electric Drum Vac Head	\$ 250.00	/ Day



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
1129	Electrical Extension Cords (100 ft.)	\$	15.00 / Day
1130	Fast Tank (2,300 Gallon)	\$	200.00 / Day
1131	Floor Tile Machine (Bronco) Propane	\$	600.00 / Day
1514	Generator, 1 kW - 5 kW	\$	100.00 / Day
1132	Generator, 125 kW	\$	900.00 / Day
1133	Generator, 60 kW	\$	800.00 / Day
1574	Generator, 40 kW	\$	700.00 / Day
1134	Generator, 5kW - 10 kW	\$	200.00 / Day
1135	Ground Fault Circuit Interrupter (GFCI)	\$	10.00 / Day
1136	Hand Auger Kit	\$	65.00 / Day
1540	Hand Tools (Non-Power)	\$	150.00 / Day
1543	Hand Tools (Power)	\$	250.00 / Day
1137	Heater, 375,000 btu Propane	\$	175.00 / Day
1138	High Velocity Volume Air Mover Drum Vac	\$	300.00 / Day
1139	Hose, 2" Hard Suction (Pressure Tested Marine Transfer) x 25'	\$	45.00 / Day
1408	Hose, 2" Hard Suction x 25'	\$	25.00 / Day
1415	Hose, 2" Lay Flat Discharge x 25'	\$	20.00 / Day
1140	Hose, 3" Hard Suction (Pressure Tested Marine Transfer) x 25'	\$	50.00 / Day
1410	Hose, 3" Hard Suction x 25'	\$	35.00 / Day
1416	Hose, 3" Lay Flat Discharge x 25'	\$	30.00 / Day
1412	Hose, 4" Hard Suction x 25'	\$	55.00 / Day
1417	Hose, 4" Lay Flat Discharge x 25'	\$	45.00 / Day
1414	Hose, 6" Hard Suction x 20'	\$	65.00 / Day
1418	Hose, 6" Lay Flat Discharge x 50'	\$	75.00 / Day
1141	Hose, Air 1" x 50'	\$	35.00 / Day
1142	Hose, Air 3/4" x 50'	\$	25.00 / Day
1143	Hose, Air 3/8" x 50'	\$	20.00 / Day
1419	Hose, Garden 3/4" x 50'	\$	60.00 / Day
1429	Hose, Presssure Washer x 50'	\$	25.00 / Day
1202	Hydroblaster (6,000 PSI)	\$	90.00 / Hour
1203	Hydroblaster (10,000 PSI)	\$	120.00 / Hour
1204	Hydroblaster (20,000 PSI)	\$	191.00 / Hour
1144	Jersey Barriers	\$	25.00 / Day
1520	Light Tower w/Generator	\$	400.00 / Day
1145	Mobile Dewater System (35 GPM Capacity)	\$	500.00 / Day
1146	Mobile Dewater System (75 GPM Capacity)	\$	800.00 / Day
1147	Mobile Heat Treatment System Boiler Unit	\$	600.00 / Day
1106	Negative Air Machine (HEPA 2000)	\$	200.00 / Day
1148	Nitrogen Purge System	\$	300.00 / Day
1149	Oxy/Acetylene Cutting Torch	\$	85.00 / Day
1150	Pallet Jack	\$	40.00 / Day
1151	Personnel Decontamination Pool	\$	60.00 / Day
1152	Personnel Decontamination System	\$	800.00 / Day
1153	Plasma Cutting Torch	\$	150.00 / Day
1504	Pneumatic Chipping Hammer	\$	30.00 / Day
1154	Pneumatic Nibbler	\$	300.00 / Day
1155	Pneumatic Pavement Breaker (90 pound)	\$	95.00 / Day
1156	Pneumatic Rotary Hammer	\$	55.00 / Day
1157	Portable 3-Stage Decontamination (Personnel)	\$	600.00 / Day
1158	Portable Decontamination Pad (12 x 50)	\$	300.00 / Day



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
1523	Portable Light Stand	\$ 50.00	/ Day
1159	Portable Shower Unit	\$ 250.00	/ Day
1160	Portable Structure (10' x 10')	\$ 200.00	/ Day
1161	Portable Structure (10' x 20')	\$ 400.00	/ Day
1199	Power Broom	\$ 75.00	/ Day
1207	Power Washer, (3,200 psi Cold Water, Gasoline)	\$ 100.00	/ Day
1208	Power Washer (4,000 psi Hot Water, Gasoline/Kerosene)	\$ 200.00	/ Day
1162	Power Washer, (Jetter)	\$ 100.00	/ Day
1163	Pressure Washer Extension Wand	\$ 40.00	/ Day
1164	Propane Flare-Off Kit	\$ 800.00	/ Day
1303	Pump, Centrifugal (2", Gasoline)	\$ 55.00	/ Day
1165	Pump, Centrifugal (3", Gasoline)	\$ 75.00	/ Day
1166	Pump, Centrifugal (4", Gasoline)	\$ 95.00	/ Day
1167	Pump, Diaphragm (1", Pneumatic)	\$ 45.00	/ Day
1168	Pump, Diaphragm (2", Gasoline Powered)	\$ 55.00	/ Day
1169	Pump, Diaphragm (2", Pneumatic)	\$ 75.00	/ Day
1170	Pump, Diaphragm (3", Gasoline Powered)	\$ 275.00	/ Day
1171	Pump, Diaphragm (3", Pneumatic)	\$ 275.00	/ Day
1172	Pump, Product Transfer (4")	\$ 500.00	/ Day
1301	Pump, Submersible (1", Electric)	\$ 45.00	/ Day
1173	Pump, Submersible (2", Electric)	\$ 90.00	/ Day
1174	Pump, Submersible (3", Electric)	\$ 185.00	/ Day
1175	Pump, Submersible (4", Hydraulic)	\$ 700.00	/ Day
1176	Pump, Submersible (6", Hydraulic)	\$ 900.00	/ Day
3016	Roll-Off Closed Top	\$ 45.00	/ Day
3007	Roll-Off Container	\$ 30.00	/ Day
3017	Safety Cones (Barriers) (each)	\$ 5.00	/ Day
M624	Sample Pump	\$ 20.00	/ Each
3018	Sampling Auger	\$ 35.00	/ Day
3019	Sandblaster, 150 pound Capacity	\$ 275.00	/ Day
3020	Sandblaster, 90 pound Capacity	\$ 125.00	/ Day
3021	Snow Blower	\$ 150.00	/ Day
1586	Space Heaters	\$ 60.00	/ Day
M637	Spill Kit	\$ 15.00	/ Each
3022	Staging (Rolling) (per set)	\$ 175.00	/ Day
3023	Tank, 10,000 Gallon Frac	\$ 95.00	/ Day
3024	Tank, 21,000 Gallon Frac	\$ 45.00	/ Day
3025	Tank, 275 Gallon Horizontal Steel	\$ 40.00	/ Day
3026	Tank, 4,000 Gallon Single Wall Vertical Poly	\$ 60.00	/ Day
3027	Tank, 500 Gallon Double Wall Horizontal Steel	\$ 60.00	/ Day
3028	Tool Allowance (Snow Removal) / Kit	\$ 400.00	/ Day
3029	Transit Set	\$ 75.00	/ Day
1546	Vacuum, Wet/Dry	\$ 45.00	/ Day
1545	Vacuum, HEPA Wet/Dry	\$ 95.00	/ Day
1717	Vacuum, Mercury, HEPA / Vapor	\$ 500.00	/ Day
1311	Vacuum, Pneumatic Drum Mount	\$ 150.00	/ Day
3030	Vehicle Decontamination System	\$ 900.00	/ Day
1548	Welder, Gasoline Engine Driven Portable Electric	\$ 400.00	/ Day



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
<u>Communications Service Equipment</u>			
M612	Camera (35 mm or digital)	\$ 30.00	/ Day
1190	Copy Machine	\$ 45.00	/ Day
1191	Desktop Computer (w/ Printer & Modem)	\$ 175.00	/ Day
1192	Fascimile Machine	\$ 20.00	/ Day
1193	Field Hand Held Radio (DIGITAL) (each)	\$ 20.00	/ Day
1194	Field Hand Held Radio (UHF) (each)	\$ 20.00	/ Day
1604	Global Positioning System (GPS)	\$ 35.00	/ Day
1606	Marine Radio	\$ 30.00	/ Day
1195	Mobile Telephone (DIGITAL) (each)	\$ 40.00	/ Day
1603	Portable Computer (LAPTOP)	\$ 125.00	/ Day
1196	Two-Way Radio (Intrinsically Safe) (each)	\$ 40.00	/ Day
1197	VCR Camera Recorder	\$ 40.00	/ Day
<u>Service Vehicles</u>			
9002	All Terrain Vehicle (ATV w/ trailer)	\$ 475.00	/ Day
7022	Boom Truck/Lift Gate	\$ 500.00	/ Day
7023	Box Truck w/Liftgate, Large	\$ 75.00	/ Hour
7024	Box Truck w/Liftgate, Small	\$ 75.00	/ Hour
7025	Emergency Response Haz Mat Truck	\$ 65.00	/ Hour
7026	Hazardous Waste Permitted 4x4 Van	\$ 400.00	/ Day
9003	Passenger Car	\$ 150.00	/ Day
9005	Passenger Van	\$ 295.00	/ Day
9008	Pick-Up Truck	\$ 185.00	/ Day
7027	Pick-Up Truck w/ Plow & Sander	\$ 75.00	/ Hour
7014	Rack Body w/Liftgate, Large	\$ 90.00	/ Hour
7012	Rack Body w/Liftgate, Small	\$ 80.00	/ Hour
7010	Service/Utility Truck	\$ 300.00	/ Day
7028	Service Truck 4 x 4	\$ 295.00	/ Day
7029	Traffic Control Vehicle	\$ 95.00	/ Hour
<u>Heavy Trucks</u>			
8010	Dump Trailer w/ Tractor (26 yard)	\$ 105.00	/ Hour
7007	Dump Truck (Mason/4 Cubic Yard)	\$ 45.00	/ Hour
7008	Dump Truck Straight 6-Wheel (12 Cubic Yard)	\$ 45.00	/ Hour
7009	Dump Truck Straight Triaxle (18 Cubic Yard)	\$ 90.00	/ Hour
8011	Hazardous Waste Permitted Triaxle Dump Truck	\$ 95.00	/ Hour
8001	High Volume Air Mover (Guzzler/GapVax)	\$ 95.00	/ Hour
8002	High Volume Air Mover (Rodder Truck)	\$ 185.00	/ Hour
8012	Mini-Vacuum Trailer (300 Gallon)	\$ 420.00	/ Day
8013	Roll-Off Flat Bed (25. ft)	\$ 90.00	/ Hour
7019	Roll-Off Straight Truck Triaxle	\$ 90.00	/ Hour
8014	Stainless Steel Vector Truck (12 Cubic Yard)	\$ 190.00	/ Hour
7001	Tractor	\$ 75.00	/ Hour
8015	Tractor w/ Box Trailer	\$ 130.00	/ Hour
8003	Vacuum Semi Tanker & Tractor (5,000 Gallon)	\$ 150.00	/ Hour
8004	Vacuum Semi Tanker & Tractor (SS/Split 5,500 Gallon)	\$ 175.00	/ Hour



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
8006	Vacuum Truck Straight (3,000 Gallon)	\$ 65.00	/ Hour
8016	Vacuum Truck Straight (Liquid Ring)	\$ 180.00	/ Hour
8009	Vacuum Truck Straight (Turbo Vac)	\$ 95.00	/ Hour
7030	Water/Dust Control Truck	\$ 95.00	/ Hour

Heavy Equipment

5001	Backhoe/Loader, Extendahoe, 4 Wheel Drive	\$ 65.00	/ Hour
5024	Bulldozer (D-3 or equivalent)	\$ 70.00	/ Hour
5025	Dynapac Vibratory Roller (6 ton)	\$ 600.00	/ Day
1512	Forklift (5,000 lb Capacity)	\$ 300.00	/ Day
5027	Front End Loader 3 CY Capacity	\$ 95.00	/ Hour
5028	Manlift, Powered (60 ft.)	\$ 450.00	/ Day
5029	Mini Excavator w/ Auger	\$ 90.00	/ Hour
5030	Mini Excavator w/ Breaker	\$ 110.00	/ Hour
5014	Skid Steer - Backhoe Attachment	\$ 250.00	/ Day
5026	Skid Steer - Drum Grapple Attachment	\$ 150.00	/ Day
5014	Skid Steer - Hydraulic Breaker Attachment	\$ 250.00	/ Day
5026	Skid Steer - Pallet Forks	\$ 150.00	/ Day
5014	Skid Steer - Sweeper Attachment	\$ 250.00	/ Day
5013	Skid Steer Loader	\$450.00	/ Day
5031	Street Sweeper (Power, Gas)	\$ 600.00	/ Day
5032	Track Excavator (36,000 pound) 3/4 CY Capacity	\$ 80.00	/ Hour
5033	Track Excavator (55,000 pound) 1 CY Capacity	\$ 90.00	/ Hour
5034	Track Excavator (70,000 pound) 1-1/4 CY Capacity	\$ 95.00	/ Hour
5035	Track Excavator (8,500 pound) 0.125 CY Capacity	\$450.00	/ Day

Trailers

6013	Boom Trailer	\$ 200.00	/ Day
6018	Box Trailer	\$ 150.00	/ Day
6002	Decontamination Trailer (Personnel 5-Stage)	\$ 900.00	/ Day
6023	Drum Trailer	\$ 75.00	/ Day
6012	Low Bed Drop Deck / Flatbed Trailer	\$ 85.00	/ Hour
6024	Power Washer Trailer	\$ 600.00	/ Day
6014	Site Office Trailer	\$ 600.00	/ Week
6005	Spill Response Trailer	\$ 600.00	/ Day
6025	Spill Response Trailer (High Haz)	\$ 1,000.00	/ Day
6026	Tag Along Equipment Trailer (16' x 12,000 p GVW)	\$ 75.00	/ Day
6009	Tag Along Equipment Trailer (24' x 40,000 p GVW)	\$ 100.00	/ Day
6007	Utility Trailer	\$ 125.00	/ Day
6027	Water Treatment 2.5 GPM / Oil Water Separator Trailer	\$ 3,800.00	/ Week



VT BGS ER HAZ BID RATES
Labor, Equipment and Materials
ER and Base Rate Sheet
Effective: May 2019 - May 2021

Item No.	Item Description	Rates (\$)	Units
<u>Marine Response Equipment (boat rate does not include fuel, oil, or operator)</u>			
4009	Anchor - Over 100 lb.	\$	90.00 / Day
4010	Anchor Set (22lb. Danforth, Chain, 1/2" 50' line, 18" Buoy)	\$	60.00 / Day
4011	Anchor Set (40lb. Danforth, Chain, 1/2" 75' line, 18" Buoy)	\$	75.00 / Day
4012	Anchor Set (75lb. Danforth, Chain, 1/2" 100' line, 18" Buoy)	\$	85.00 / Day
4013	Boom 12" Skirted Containment	\$	2.00 / LF/Day
1003	Boom 18" Skirted Containment	\$	2.25 / LF/Day
1004	Boom 24" Skirted Containment	\$	2.50 / LF/Day
4014	Boom Reel System (Portable Skid Mount)	\$	500.00 / Day
1010	Hull Magnets (each)	\$	31.00 / Day
4015	Oil Recovery Backing Belt (Marco)	\$	2,000.00 / Each
2008	Oil Skimmer (Multi-Skimmer, Model 24)	\$	900.00 / Day
2042	Oil Skimmer (Slickdisk) Shovelhead Unit	\$	300.00 / Day
4016	Oil Skimmer (Weir Model T-39) w/ plur unit	\$	600.00 / Day
4017	Recovery Pad - Diesel Fuel (Marco)	\$	560.00 / Each
4018	Recovery Pad - Lube & Light Crude Oil (Marco)	\$	540.00 / Each
4019	Recovery Pad - Sheen (Marco)	\$	600.00 / Each
4020	Response Boat w/ Electric Motor	\$	200.00 / Day
4021	Response Boat w/ Power (12'-14')	\$	400.00 / Day
4022	Response Boat w/ Power (15'-17')	\$	600.00 / Day
4023	Response Boat w/ Power (18'-24')	\$	1,400.00 / Day
4024	Response Boat w/ Power (25'-27') LCM, Davit, Pushknees	\$	1,600.00 / Day
4025	Response Boat w/ Power (28'-30') LCM, Davit, Pushknees	\$	1,800.00 / Day
2002	Responses Boat w/ Power (28'-30')	\$	4,000.00 / Day
	Oil Skimmer/ Recovery System w/ 1,000 gallon Tank	\$	
1706	Survival Suit (PFD) (Mustang)	\$	150.00 / Day
1707	Survival Vest (PFD)	\$	25.00 / Day
4026	VIP/Command Vessel	\$	2,500.00 / Day



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021

Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CY/Box/Tote	MIN	EDM
1		Cyanides (SL)										
2	YSS1, YLS1, YDS1	Cyanide Waste Solid < 10,000 ppm				\$ 430.00	\$ 385.00	\$ 260.00	\$ 215.00	\$ 715.00		SL
3	YSS2, YDS2	Cyanide Waste Solid 10,001-25,000 < 50,000 ppm				\$ 500.00	\$ 450.00	\$ 300.00	\$ 250.00	\$ 945.00		SL
4	YSS3, YDS3	Cyanide Waste Solid 25,001-50,000 ppm				\$ 715.00	\$ 645.00	\$ 430.00	\$ 285.00	\$ 1,375.00		SL
5	YSS4, YDS4	Cyanide Waste Solid 50,001-200,000 ppm				\$ 1,085.00	\$ 980.00	\$ 650.00	\$ 435.00	\$ 2,860.00		SL
6	YSS5, YDS5	Cyanide Waste Solid > 200,000 ppm				\$ 1,500.00	\$ 1,350.00	\$ 900.00	\$ 600.00	QUOTE		SL
7	YLS1	Cyanide Waste Liquid < 10,000 PPM				\$ 430.00	\$ 385.00	\$ 260.00	\$ 215.00	\$ 1,010.00		SL
8	YLS2	Cyanide Waste Liquid 10,001 - 25,000 PPM				\$ 530.00	\$ 475.00	\$ 315.00	\$ 265.00	\$ 1,630.00		SL
9	YLS3	Cyanide Waste Liquid 25,001-50,000 PPM				\$ 850.00	\$ 765.00	\$ 510.00	\$ 425.00	\$ 3,440.00		SL
10	YLS4	Cyanide Waste Liquid 50,001 - 100,000 PPM				\$ 1,215.00	\$ 1,090.00	\$ 730.00	\$ 605.00	\$ 6,300.00		SL
11		Chrome waste / Treatment (SL)										
12	ALTC1	Chrome waste Solid/Liquid <1,000 PPM				\$ 280.00	\$ 250.00	\$ 170.00	\$ 140.00	\$ 615.00		SL
13	ALTC2	Chrome waste Solid/Liquid 1001 - 10,000 ppm				\$ 365.00	\$ 330.00	\$ 220.00	\$ 185.00	\$ 830.00		SL
14	ALTC3	Chrome waste Solid/Liquid 10,001 - 75,000 ppm				\$ 680.00	\$ 610.00	\$ 410.00	\$ 340.00	\$ 1,145.00		SL
15	ALTC4	Chrome waste Solid/Liquid 75,001 - 150,000 ppm				\$ 1,000.00	\$ 900.00	\$ 600.00	\$ 500.00	\$ 2,330.00		SL
16	ALTC5	Chrome Waste Solid/Liquid 150,001 - 200,000 ppm				\$ 1,360.00	\$ 1,225.00	\$ 815.00	\$ 680.00	\$ 3,570.00		SL
17	ALTC6	Chrome Waste SOLID ONLY > 200,001				\$ 1,715.00	\$ 1,545.00	\$ 1,030.00	\$ 860.00	QUOTE		SL
18		Landfill / Treatment / Non-Hazardous (L)										
19	OSL	Solids - Non-RCRA only, Non-DOT only, <2000lbs/CYB	\$ 0.17			\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 305.00	700 lb/55g drum min	L
20	NSL	Solids - Non-RCRA only, Non-DOT only, Non-Petroleum <2000lbs/CYB				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 305.00		L
21	NSL	Solids - Non-RCRA only, Non-DOT only, Non-Petroleum <3000lbs/CYB								\$ 365.00		L
22	NLL	Sludge's - Non-RCRA only, Non-DOT only				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 425.00		L



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021

Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CY/Box/Tote	MIN	EDM
23	NLL	Latex/Resin BULK - Non-RCRA only				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00			L
24	PBL	Ballast/ non PCB				\$ 240.00	\$ 215.00	\$ 145.00	\$ 95.00	QUOTE	400 lb/55g drum min	L
25	NSLA	Asbestos		\$ 0.65		\$ 260.00	\$ 225.00	\$ 150.00	\$ 100.00	\$ 485.00		L
26	ISO1	Non-Regulated Isocyanates				\$ 260.00	\$ 225.00	\$ 150.00	\$ 100.00			L
27		Waste to Energy (WB) **										
28	NDI1	Non-Hazardous debris for Incineration, <250 LBS.				\$ 200.00						B
29	NDI2	Non-Hazardous debris for Incineration, <500 LBS.				\$ 325.00						B
30	NDI3	Non-Hazardous debris for Incineration, >500 LBS.				\$ 385.00						B
31		**No Soil (see below for soil incin pricing)										
32		Landfill / Treatment Hazardous (T)										
33	MSS	Solids - Heavy Metals, Inorganic,		\$ 0.42		\$ 168.00	\$ 150.00	\$ 100.00	\$ 85.00		400 lb/55g min	T
34	MSS1	Solids - Heavy Metals, Inorganic, debris only < 300 lbs.								\$ 350.00		T
35		(18-19) No mercury, dumpable, Filters, PPE, Pads, Petroleum <5%										T
36	#MSS#	Lead Paint Chips/debris/sand blast, drum weight <600 lbs				\$ 185.00						T
37	#MSS#	Lead Paint Chips/debris/sand blast, drum weight >600 lbs, <800 lbs				\$ 210.00						
38	MSSA	Lead Paint Chips/Debris with Asbestos				\$ 365.00						T
39	MUS	Sludge - Heavy Metals, No Debris, Inorganic				\$ 175.00	\$ 155.00	\$ 105.00	\$ 85.00			T
40	DSS	Solids-Heavy Metals, Debris, Organic -Above Treatment Standards		\$ 0.55		\$ 385.00	\$ 345.00	\$ 230.00	\$ 155.00		700 lb / 55g drum min	T
41	DUS	Sludge-Heavy Metals, Debris, Organic -Above Treatment Standards		\$ 0.55		\$ 385.00	\$ 345.00	\$ 230.00	\$ 155.00		700 lb / 55g drum min	T
42	F006	F006 solids, No free liquid				\$ 200.00	\$ 180.00	\$ 120.00	\$ 80.00	\$ 550.00		T
43	DBL1	Benzene solids dry, D018 above treatment				\$ 290.00	\$ 240.00	\$ 175.00	\$ 115.00	\$ 640.00		T
44	DBL2	Benzene solids wet, D018 above treatment				\$ 325.00	\$ 290.00	\$ 195.00	\$ 130.00			T



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021												
Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CYBox/Tote	MIN	EDM
45	MLT	Inorganic wastewater, metals above treatment standards, No Hg VOC's <500 ppm				\$ 168.00	\$ 150.00	\$ 100.00	\$ 85.00	\$ 650.00		T
46		Neutralization / Treatment / Landfill / Acids / Alkalines (T)										
47	ALT1	Acid Liquids <30%total acidity				\$ 170.00	\$ 155.00	\$ 105.00	\$ 85.00	\$ 730.00		T
48	ALT2	Acid Liquids 31 to 60%total acidity				\$ 275.00	\$ 245.00	\$ 165.00	\$ 140.00	\$ 915.00		T
49	ALT3	Acid Liquids >61 -75% total acidity				\$ 385.00	\$ 345.00	\$ 230.00	\$ 195.00	QUOTE		T
50	ALT4	Acid liquids > 75 % total acidity				\$ 570.00	\$ 515.00	\$ 345.00	\$ 285.00	QUOTE		T
51	AUS1	Acid Liquid/Sludges ,Acid concentration <30%				\$ 225.00	\$ 205.00	\$ 135.00	\$ 115.00	QUOTE		T
52	ASS1	Acid Solids, Acid concentration <30%				\$ 190.00	\$ 170.00	\$ 115.00	\$ 75.00	\$ 760.00		T
53	ADS1	Acid Solids with debris, Acid concentration <30%				\$ 210.00	\$ 185.00	\$ 125.00	\$ 100.00	QUOTE		T
54	SLAB	Leaking Lead Acid Batteries (D002/VT20, D008)				\$ 305.00	\$ 275.00	\$ 185.00	\$ 125.00	QUOTE		T
55	ALTN1	Nitric acid <10%				\$ 250.00	\$ 225.00	\$ 150.00	\$ 110.00	\$ 850.00		T
56	ALTN2	Nitric acid 10 -35%				\$ 425.00	\$ 380.00	\$ 255.00	\$ 195.00	\$ 995.00		T
57	ALTN3	Nitric acid 35-70%				\$ 465.00	\$ 420.00	\$ 280.00	\$ 235.00	\$ 1,135.00		T
58	ALTH1	Acid with Fluoride compounds (HF) <25%				\$ 570.00	\$ 515.00	\$ 345.00	\$ 285.00	\$ 1,600.00		T
59	ALTH2	Acid with Fluoride compounds (HF) 25-40%				\$ 785.00	\$ 710.00	\$ 475.00	\$ 395.00	\$ 2,050.00		T
60	ALTH3	Acid with Fluoride compounds (HF) 40-70%				\$ 1,145.00	\$ 710.00	\$ 685.00	\$ 575.00	\$ 3,160.00		T
61	CODV	COD Vials, acidic				\$ 770.00	\$ 695.00	\$ 465.00	\$ 300.00			T
62	ALTO1	Organic Acid-Flammable, Corrosive, or Toxic with metals/organic				\$ 565.00	\$ 505.00	\$ 340.00	\$ 225.00	QUOTE		T
63	ALTO2	Organic Acids-Non-ignitable, corrosive (D002 only)				\$ 345.00	\$ 310.00	\$ 205.00	\$ 140.00	QUOTE		T
64	BLTO1	Organic Bases-Flammable, Corrosive, or Toxic with metals/organic (B)				\$ 565.00	\$ 505.00	\$ 340.00	\$ 225.00	QUOTE		B
65	BLTO2	Organic Bases-Non-ignitable, corrosive (D002 only) (T)				\$ 345.00	\$ 310.00	\$ 205.00	\$ 140.00	QUOTE		T
66	BLT1	Alkaline/Caustics/Bases Liquids<2" solids (T)				\$ 170.00	\$ 155.00	\$ 105.00	\$ 85.00	\$ 730.00		T
67	BUS	Alkaline/Caustics/Bases Liquids >2" solids (T)				\$ 235.00	\$ 215.00	\$ 145.00	\$ 115.00	\$ 750.00		T



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021												
Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CYBox/Tote	MIN	EDM
68	BSS	Alkaline/Caustics/Bases Solids (T)				\$ 230.00	\$ 210.00	\$ 145.00	\$ 115.00	\$ 350.00		T
69	BDS	Alkaline Solids with debris (T)				\$ 235.00	\$ 215.00	\$ 145.00	\$ 115.00	QUOTE		T
70		Organic / Solvent / Fuel Blend										
71	NLT/OLR2	Aqueous/Non-regulated, bilayer organic. (FR)				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 500.00		FR
72	DLR	Aqueous/Gasoline/oil flash <140 degrees (FR)				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00			FR
73	DLT/DLI	Aqueous/Solvent < 25% TOC (IT or OR)				\$ 215.00	\$ 195.00	\$ 130.00	\$ 95.00	\$ 810.00		IT OR
74	DLI2	Concentrated Halogenated Solvent				\$ 385.00	\$ 350.00	\$ 230.00	\$ 155.00	QUOTE		R
75	GLT	Ethylene Glycol based Anti-freeze - Non-RCRA - NO OIL for recycling				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 395.00		R
76	OLR2	Aqueous/Anti-freeze - Non-RCRA - Contains Oil (VT Regulated, VT02/VT08)				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 535.00		T
77	FLF1 /OLF	Liquid/high BTU - no water				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 525.00		FR
78	FLF2	Liquid/low BTU - <25% water				\$ 235.00	\$ 215.00	\$ 145.00	\$ 95.00	\$ 715.00		
79	FLF3	Liquid - <10% Chlorine				\$ 265.00	\$ 240.00	\$ 160.00	\$ 115.00	QUOTE		
80	FUF2	Sludge's - >10,000 BTU, Paint Liquids, pumpable				\$ 245.00	\$ 220.00	\$ 145.00	\$ 100.00	QUOTE		
81	FUF3	Sludge's - <10,000 BTU, Paint Liquids, non-pumpable				\$ 345.00	\$ 310.00	\$ 205.00	\$ 140.00	QUOTE		
82	FSF	Paint/resin Solids - Shreddable <600 lbs*, Monolithic				\$ 645.00	\$ 580.00	\$ 385.00	\$ 260.00			
83		*weight over 600 lbs will be surcharged at \$0.85/lb										
84	OLR1	Oil - >141 degree flash, Non-RCRA				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 535.00		R
85	DFD1	Flam solids debris, D001, <250 LBS. (Debris Only, NO SOIL)				\$ 200.00				\$1.25/lb - \$810.00/CYB min		SR
86	DFD2	Flam solids debris, D001, <500 LBS.				\$ 325.00				\$1.25/lb - \$810.00/CYB min		SR
87	DFD3	Flam solids debris, D001, >500 LBS.				\$ 385.00				\$1.25/lb - \$810.00/CYB min		SR
88	DDF1	Organic solids debris, non-flammable, <250 lbs. (Debris Only, NO SOIL, NO METALS)				\$ 200.00				\$1.25/lb - \$810.00/CYB min		SR



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021

Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CY/Box/Tote	MIN	EDM
89	DDF2	Organic solids debris, non-flammable, <500 lbs.				\$ 325.00				\$1.25/lb - \$810.00/CYB min		SR
90	DDF3	Organic solids debris, non-flammable, >500 lbs.				\$ 385.00				\$1.25/lb - \$810.00/CYB min		SR
91		PCB MATERIAL										
92		PCB WASTES WILL BE CASE-BY-CASE										TL
93		PCB Transformers/Ballast										
94	PTL1	PCB Transformer, PCB < 50 PPM [PER POUND] Min \$85.00		\$ 0.90							\$85.00	R
95	PTL2	PCB Transformer, PCB 50-500 PPM [PER POUND] Min \$100.00		\$ 1.10							\$ 100.00	R
96	PTL3	PCB Transformer, PCB > 500 PPM [PER POUND] Min \$115.00		\$ 3.60							\$ 115.00	R
97	PBL	PCB Ballasts, non leaking, < 3 LBS, disposal				\$ 360.00						TL
98	URS	PCB Ballasts, non leaking, < 3 LBS, recycling. [PER POUND] Min \$110.00		\$ 1.45							\$ 110.00	R
99		Oxidizer										
100	XSS	Solid - Non-chlorinated, no debris				\$ 585.00	\$ 525.00	\$ 350.00	\$ 235.00	\$ 1,315.00		T
101	CXLS	Liquid - Non-chlorinated/Chlorinated, no debris				\$ 585.00	\$ 525.00	\$ 350.00	\$ 235.00	\$ 1,315.00		T
102	CXSS	Solid - Chlorinated, no debris, (except pool chemicals)				\$ 900.00	\$ 810.00	\$ 540.00	\$ 360.00	\$ 1,790.00		T
103	CXSP	Pool Chemicals - hypochlorites, trichloro-s-triazinetrione, hydantoin, etc.				\$ 975.00	\$ 875.00	\$ 585.00	\$ 390.00	\$ 3,125.00		T
104	CXOBA	OBA Canisters, must be spent				\$ 790.00	\$ 710.00	\$ 475.00	\$ 315.00	\$ 1,975.00		T
105	XSSO/XLSO	Organic Peroxide bulk solids/liquids				QUOTE	QUOTE	QUOTE	QUOTE	QUOTE		B
106		Soil - Non-Mercury Containing, No D009										
107	NSL	Non-hazardous soil for landfill				\$ 115.00	\$ 92.00	\$ 75.00	\$ 70.00	\$ 275.00		L
108	NSI	Non-hazardous soil for incineration (waste to energy)				\$ 240.00	\$ 215.00	\$ 145.00	\$ 95.00			WB
109	SII	Soil Ignitable (D001)		\$ 2.15							\$ 575.00	SR
110	SASB	Soil Hazardous, inorganic with Asbestos				\$ 265.00	\$ 235.00	\$ 160.00	\$ 110.00	\$ 665.00		SL



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC to EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021												
Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CYBox/Tote	MIN	EDM
111	SOIL	Hazardous Soil - Solid, F-Listed, D-Listed organic solvents		\$ 0.34		\$ 238.00	\$ 215.00	\$ 145.00	\$ 95.00	\$ 610.00	700 lb /55g drum min	L
112		Metals, No D001/D003, No Free Liquids										L
113	SOIL2	Hazardous Soil/sludge, F-Listed, D-Listed,				\$ 480.00	\$ 435.00	\$ 290.00	\$ 195.00			L
114		Metals, No D001/D003, Free Liquids										L
115		Mercury, Waste Containing Mercury, Lamps										
116	HSE	Elemental Mercury		\$ 43.00							\$1360/55 Min	RE
117	HSR	Mercury contaminated debris (contains free mercury, no soil)*				\$ 1,940.00	\$ 1,735.00	\$ 1,160.00	\$ 285.00	\$ 6,000.00		RE
118	HgSOIL1	Mercury contaminated soil (Inorganic, D009 ONLY)*		\$ 2.65							\$1360/55 Min	RE
119		* Elemental Hg recovered from debris or soil drums <5% gross weight of container,										
120		* Hg recovered >5% surcharged at \$15/lb for the Hg recovered										
121	HSS	Broken fluorescent lamps for Stabilization & Landfill above treatment				\$ 535.00	\$ 480.00	\$ 325.00	\$ 215.00			SL
122	HSS	Broken fluorescent lamps for Stabilization & Landfill below treatment				\$ 250.00	\$ 180.00	\$ 130.00	\$ 110.00			SL
123		Spent Activated Carbon										
124	GAC1	Spent activated carbon for landfill, non-ignitable				\$ 240.00	\$ 215.00	\$ 145.00	\$ 95.00	\$ 715.00		L
125	GAC2	Spent activated carbon for fuel blending, ignitable		\$ 1.25							\$500/55 Min	FR
126		Pharmaceutical waste										
127	RX11	U/P Listed Pharmaceuticals, NO D002	\$1.40/lb,			Mins: \$405/55, \$250/30, \$130/15-18, \$75/5, \$60/2						B
128	RX11	U/P Listed Pharmaceuticals, NO D002, CBC/Pallet*	\$1.40/lb,			Min \$995/CYB or PT						B
129		*CYBS cannot contain loose pharm waste, waste must be packaged in interal containers within the CYB										
130	RX12	U/P Listed Pharmaceuticals, D002	\$5.75/lb,			Mins \$405/55, \$250/30, \$130/15-18, \$50/5, \$60/2						B



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021												
Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CYBox/Tote	MIN	EDM
131	RX12	U/P Listed Pharmaceuticals, D002, CYB/Pallet*	\$5.75/lb,	Min \$995/CYB or PT								B
132			*CYBS cannot contain loose pharm waste, waste must be packaged in interal containers within the CYB									
133	ZMED	Non-RCRA Regulated Pharmaceuticals, (Excludes DEA Schedule Narcotics)	\$0.75/lb,	Mins \$200/55, \$500/CYB								
134		Cylinders										
135		Propane Cylinders										
136	CYLR1	Propane Cylinder 1lb	\$ 10.00			\$ 360.00	\$ 250.00	\$ 180.00		\$110/5, \$1400/CYB		R
137	CYLR2	Propane Cylinder 20lb (gas grill)	\$ 35.00									R
138	CYLR3	Propane Cylinder 40lb (forklift size)	\$ 90.00									R
139		CO2 Cylinders										
140	CYLR4	CO2 Cylinder lecture, 2" x 12" or 3" x 10"	\$ 75.00									R
141	CYLR5	CO2 Cylinder small, 4" x 25"	\$120.00									R
142	CYLR6	CO2 Cylinder medium, 10" x 36"	\$ 185.00									R
143	CYLR7	CO2 Cylinder large, 16" x 54"	\$370.00									R
144		Acetylene Cylinders										
145	CYLR8	Acetylene Cylinder, Standard size, medium	\$ 500.00									R
146		O2 Cylinders										
147	CYLR9	O2 Cylinder lecture, 2" x 12" or 3" x 10"	\$ 45.00									R
148	CYLR10	O2 Cylinder small, 4" x 25"	\$ 55.00									R
149	CYLR11	O2 Cylinder medium, 10" x 36"	\$120.00									R
150		Calibration Gas Lecture Bottle										
151	CYLR12	Calibration Gas Cylinder, Lecture Bottle	\$ 75.00									R
152		MAPP Gas 1lb or less										
153	CYLR13	MAPP Gas, 1lb cyl or less	\$ 45.00			\$ 500.00	\$ 350.00	\$ 250.00	\$ 180.00	\$ 1,400.00		R
154		Isocyanate Foam Insulation Cylinders										
155	CYLR15	Part A & B Insulation Foam Cylinders (up to gas grill size)	\$ 400.00									B
156		Fire Extinguishers										
157	CYLR16	Class A, B, C	\$ 75.00									R
158		Refrigerant Cylinders										
159	CYLR17	Common Refrigerant Gasses (R12, R122a, etc.)	\$ 75.00									R
160	Empty	Empty drums				\$ 28.00	\$ 28.00	\$ 22.00	\$ 11.00	\$ 60.00		RC
161		Lab Pack Pricing										
162	ZTA	Acids for Treatment				\$ 285.00	\$ 195.00	\$ 145.00	\$ 75.00			SL



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021													
Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CYBox/Tote	MIN	EDM	
163	ZG	Aerosol (non CFCs)				\$ 285.00	\$ 195.00	\$ 145.00	\$ 75.00			FR	
164	ZTB	Basic for Treatment				\$ 285.00	\$ 195.00	\$ 145.00	\$ 75.00			SL	
165	ZCN	Cyanides		\$ 5.75							\$ 180.00	SL	
166	ZFLA	Flammable Liquids				\$ 285.00	\$ 195.00	\$ 145.00	\$ 75.00			FR	
167	ZDVS	Vials of Solvent				\$ 465.00	\$ 325.00	\$ 235.00	\$ 140.00			SR	
168	ZFS	Flammable Solids - NO FLARES				\$ 465.00	\$ 325.00	\$ 235.00	\$ 145.00			B	
169	ZFUSEE	Road Flares - NON-ARIEL MUST BE SUBMERGED IN WATER		\$ 11.80							\$ 150.00	B	
170	ZPI	Flammable Paints Cans - Paint ONLY				\$ 285.00	\$ 195.00	\$ 145.00	\$ 75.00	\$ 680.00		FR	
171	ZPI	Flammable Tars, Resins, Epoxies, Caulking, Isocyanates		\$ 1.60		\$ 360.00	\$ 250.00	\$ 180.00	\$ 110.00	\$1.60/LB	\$ 860.00	B	
172	ZNL	Non Reg Paint cans, Latex				\$ 185.00	\$ 125.00	\$ 115.00	\$ 85.00	\$ 365.00		L	
173	ZFC	Flammable Corrosive				\$ 465.00	\$ 325.00	\$ 235.00	\$ 140.00			B	
174	ZI	Incineration Lab Packs		\$ 8.25							\$200.00 min	B	
175	ZHS	Mercury Salts				\$ 660.00	\$ 460.00	\$ 330.00	\$ 200.00			SL	
176	ZHR	Mercury - Metallic		\$ 45.00					\$ 285.00		5 Gal<10 lbs.	RE	
177		Non-RCRA for Incineration				\$ 315.00	\$ 220.00	\$ 160.00	\$ 95.00			B	
178	ZN	Non-RCRA Liquid				\$ 185.00	\$ 125.00	\$ 115.00	\$ 85.00			L	
179	ZN	Non-RCRA Solid				\$ 185.00	\$ 125.00	\$ 115.00	\$ 85.00			L	
180	ZMED	Non-RCRA Regulated Pharmaceuticals Rates for up to 250 Pounds, then per pound price for any overage		\$ 0.75		\$ 200.00						B	
181	ZMED	Non-RCRA Regulated Pharmaceuticals, Rates for up to 600 pounds, then priced per pound for any overage		\$ 0.75		\$ 480.00						SL	
182	ZOO	Oxidizer - Organic		\$ 5.75							\$ 185.00	B	
183	ZTO	Oxidizer Solid/Liquid				\$ 465.00	\$ 325.00	\$ 235.00	\$ 140.00			B	
184	ZIPS/ZIPL	Pesticide Solid/Liquid				\$ 480.00	\$ 335.00	\$ 240.00	\$ 145.00			B	
185	ZPIH	Poison (toxic) Inhalation Hazard		\$ 8.25							\$ 185.00	B	
186	ZIR1	Reactive Lab Pack [sulfides, 5.2s, 4.2s, 4.3 non metals]		\$ 5.75							\$ 185.00	B	
187	ZIR2	Reactive Lab Pack [metal powders, Al, Zn, etc..]		\$ 7.85							\$ 185.00	SL	
188	ZIR3	Reactives Alkali metals (Na, K, Li, etc..)		\$ 21.50							\$ 185.00	B	



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021

Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CYBox/Tote	MIN	EDM
189	ZLT	RCRA Hazardous - Solids/Liquids				\$ 195.00	\$ 136.50	\$ 97.50	\$ 50.00			B
190		RCRA/TCSA				QUOTE	QUOTE	QUOTE	QUOTE			SL
191	ZSPEC	Specimens				\$ 465.00	\$ 325.00	\$ 235.00	\$ 140.00			FR
192	ZDVI	Vials of Acid (except COD, No Hg)				\$ 750.00	\$ 525.00	\$ 375.00	\$ 225.00			SL
193	ZIPPO	Butane Lighters				\$ 1,585.00	\$ 1,195.00	\$ 635.00	\$ 345.00			B
194		Program Batteries, Consumer Style <2kg each										
195	UR20	Alkaline (Mercury)		\$ 6.10							\$ 65.00	
196	UR21	Alkaline		\$ 1.50							\$ 50.00	
197	UR22	Lithium Ion		\$ 6.10							\$ 65.00	
198	UR23	Lithium Metal		\$ 6.10							\$ 65.00	
199	UR24	Lead Acid ALL SIZES		\$ 0.35							\$ 50.00	
200	UR25	NiCad/NiMH		\$ 1.40							\$ 65.00	
201		Industrial Batteries, >2kg each										
202	UR10	Alkaline (Mercury) (min \$65.00)		\$ 10.25							\$ 65.00	
203	UR6	Alkaline (min \$50.00)		\$ 1.65							\$ 50.00	
204	UR9	Lithium Ion/Li Metal (min \$65.00)		\$ 10.25							\$ 65.00	
205	SLAB	Leaking Lead Acid Batteries - See waste page for pricing										
206	UR7	NiCad/NiMH (min \$65.00)		\$ 1.55							\$ 65.00	
207		Lamps & Lighting Tubes										
208	UR1	4' straight fluorescent bulbs (12 bulbs)			\$ 0.25							
209	UR1	8' straight fluorescent bulbs (12 bulbs)			\$ 0.25							
210	UR3	Light Bulb - Compacts, U-tubes, Circle	\$ 1.35									
211	UR2	Light Bulb - HID, HPS, Metal Halide, Mercury Vapor	\$ 3.25									
212	UR18	Light Bulb -Specialty - UV/Jacketed shatter shield	\$ 3.25									
213	UR26	Broken Fluorescent lamps (incidental or intentional-D009)		\$ 1.95							\$ 430/55 min	
214		Computer Related										
215	UR12	Computer monitors (25lb) (min \$30.00)		\$ 0.65							\$ 30.00	
216	UR12	Electronic Scrap (\$85.00)		\$ 0.65							\$ 85.00	



Emergency Response, Hazardous Waste, Universal Waste,
and Medical Waste Disposal

NRC TO EVI : STATE OF VERMONT CONTRACT WASTE COSTS - EFFECTIVE MAY 2019 - MAY 2021												
Line	Class code	Waste Description	Each	Per Lb.	Foot	55 gal	30 gal	15 gal	5 gal	CYBox/Tote	MIN	EDM
217	UR13	Exit Signs (non-radioactive)	\$ 35.00									
218	UR14	Exit Signs (single sided, radioactive, self illuminating, Max 10 per container)	\$360.00									
219	UR15	Small AC units/small refrigerators/dehumidifiers	\$ 75.00									
220	UR16	Smoke Detectors	\$ 50.00									
221	UR17	Microwave ovens	\$ 35.00									
222		PCB Ballasts										
223	UR5	Ballast PCB (Size 4lb) (min \$110.00) Recycled		\$ 1.45							\$ 110.00	
224	UR4	Non-PCB Ballast (size 4lb) (min \$80.00) Recycled		\$ 1.10							\$ 80.00	
225	UR19	PCB Capacitor, small <9lbs (min \$110.00) Recycled		\$ 8.25							\$ 110.00	
226		Mercury Contaminated Manufactured Articles										
227	UR11	Waste Mercury (mins \$1285/55, \$900/30, \$610/15, \$110/5)		\$ 16.50							\$1,285 /55	



ABANDONED/UNKNOWN WASTE RESPONSE

Standard Operating Procedure (SOP)

PURPOSE:

Abandoned waste is described as any unwanted hazardous material that is abandoned on property without the owner's permission. Unknown wastes include any material whose chemical makeup or characteristic is unidentifiable. Abandoned waste may also be an unknown waste and is considered a hazardous material until it is properly identified.

1. Health and safety precautions

1.1 Safety requirements

- 1.1.1** Unknown wastes are potentially dangerous and may require more stringent safety precautions. Response personnel shall assess and manage these waste types on a case-by-case basis. Response personnel shall assess containers to determine if a threat to life, health, or the environment exists. *For information on unstable chemicals contact the NRC High Hazard Team and Safety Department for further instructions.*
- 1.1.2** Engineering and work practice controls shall be utilized to eliminate or minimize exposure for response personnel. Proper ergonomic techniques shall be used whenever handling wastes.
- 1.1.3** The site/H&S manager may choose to implement a more restrictive PPE policy. Engineered solutions to environmental conditions and experienced staff judgment may be used for unique conditions and situations. PPE shall be utilized if the potential for exposure remains after institution of work practice controls. The following PPE shall be used when managing abandoned or unknown HW:
 - safety glasses with side shields, goggles, or equivalent
 - foot protection
 - protective gloves
 - long-sleeved shirt and long pants or equivalent
 - compatible chemical protective clothing
 - respirator with proper cartridge (if trained and qualified for use)
- 1.1.4** Take immediate action if dangers exist to nearby personnel and property. Keep alert of suspicious activities or behaviors.

1.2 Spill response

- 1.2.1** Response personnel shall be responsible for cleaning up incidental spills that happen in the course of processing HW that poses potential safety or health hazards. Response personnel shall be trained and able to respond to small spills.
- 1.2.2** Use extreme caution and minimize handling leaking or potentially reactive materials (e.g., temperature sensitive, spontaneously combustible, bulging/leaking containers, explosives).
- 1.2.3** Response personnel shall immediately ascertain waste container integrity and place leaking containers in secondary containment to prevent environmental impacts.



ABANDONED/UNKNOWN WASTE RESPONSE

Standard Operating Procedure (SOP)

2. Equipment and supplies

- 2.1 Proper equipment and supplies shall be available to effectively process materials received. Over-pack containers may be required for containers with compromised integrity. Staff shall use a cart or drum mover to transport large or heavy containers to avoid injury.
- 2.2 Place a plastic tarp or sheeting under work areas while processing or transferring materials from one container to another.
- 2.3 Utilize unknown identification kits or equipment for identifying waste types.

3. Screening and identifying wastes

3.1 Abandoned waste

3.1.1 Response personnel managing or responding to an abandoned waste shall attempt to learn as much as possible about the party responsible for improperly abandoning the waste. Attempt to determine if the waste was generated from household or business activity. Look for container markings which may provide clues. If identification of generator is determined, refer offending party information to appropriate regulatory authorities (local police or sheriff or regulatory program).

3.1.2 Abandoned materials shall be examined at the time of discovery for any markings to determine waste type. Segregate the materials from other stored wastes. Container markings indicating dynamite, picric acids, or other dangerous materials require immediate attention. ***If the container markings indicate an explosive or reactive material, immediately notify the NRC High Hazard Team and the Safety Department for further instruction.***

3.1.3 Each waste material presents its own unique hazard. Always be alert for indications of chemical reactions in waste containers (e.g., bulging, smoking, fizzing).

3.2 Unknown waste

3.2.1 Unknown waste containers shall be immediately examined at the time of discovery. Container markings may provide additional information about contents. Response personnel should attempt to learn as much as possible about unidentified wastes from the reporting party.

3.2.2 If contents are still unknown at this point, segregate the container from other stored waste, place into secondary containment, and contact a HW disposal company for further direction.

3.2.3 ***If the label on a container indicates the unknown contents may be an imminent danger or indicates the highest level of warning (e.g., caution, warning, danger), a call should be made to the NRC High Hazard Team and the Safety Department for further instructions.***

3.2.4 Every effort shall be made to properly identify the unknown waste. A recommended method may be to take a digital picture of the unknown waste container and e-mail a contracted HW disposal company for identification assistance and further direction.



ABANDONED/UNKNOWN WASTE RESPONSE

Standard Operating Procedure (SOP)

- 3.2.5** If necessary, perform preliminary testing (e.g., pH, flammability, water reactive) of the unknown waste to determine its hazard class. Additional waste identification questions or further processing instructions shall be addressed to a HW disposal company for profiling. Taking samples of unknown materials to determine hazard class may be necessary. See Attachments A and B of this SOP. (Heinz 5-Step Method® or HazCat® Kit can be used for this application)
- 3.2.6** After proper identification of unknown material is determined, the waste may be commingled and lab packed with other HHW. Process wastes according to the HW disposal company requirements or profile information.



Attachment A

Unknown Waste Identification Procedure

Response personnel safety is the most important issue. Following proper PPE suggestions, guidelines for sampling and test away from any stored waste to decrease errors or accidents. Steps for waste ID includes:

Step 1: Determine radioactivity (if Response personnel has access to a radioactivity monitor)

Turn on radioactivity monitor and check battery. Check the monitor by first taking a reading far away from the material to be tested. This will be your normal background reading. The setting should be set at 1X. Hold monitor within 1 inch of the sample for a minimum of 5 seconds. Observe for any consistent readings.

Step 2: Determine physical description. Note the following:

- color
- state (solid, liquid)
- particle size
- free liquids
- layering
- incidental odor (DO NOT SMELL)

Step 3: Determine flammability

- Place a nickel-sized, 5 grams, of the unknown material into a cup or weight dish.
- Apply an ignition source (a lit match or butane lighter flame) to the unknown material.
- If the sample ignites immediately, or in a somewhat delayed fashion, consider the material to be flammable.

Observation	Result
Sample immediately combusts	Chemical is RCRA Hazardous for ignitability (D001)
Delayed combustion or at a lesser degree	Chemical is combustible for DOT purposes but is not considered a RCRA Hazardous Waste
Sample melts	Non-combustible

Step 4: Determine water reactivity

- Place a pea-sized amount of the unknown material, using a disposable spatula or pipette into cup or weight dish.
- Add a few drops of water on the sample.



ABANDONED/UNKNOWN WASTE RESPONSE

Standard Operating Procedure (SOP)

Observation	Result
Smokes, emits fumes, sizzles, fizzes, or jumps in water	Sample is water reactive, potentially an inorganic metal if solid, organic if liquid and would be RCRA Hazardous for reactivity (D003)

Step 5: Determine if sample is an oxidizer

- For liquids, place a few drops of the sample onto a strip of potassium-iodide starch paper.
- For solids or semi-solids, slurry sample with some distilled water in a 1:1 mixture or ratio. Place the potassium-iodide starch paper onto the sample.
- Observe for any color changes.

Observation	Result
Potassium-iodide starch paper turns purple	Chemical is RCRA Hazardous for an oxidizer (D001).
No color change	Chemical is not an oxidizer

Step 6: Determine corrosivity

- For solids, add a pea-sized portion of the material to a few drops of distilled water.
- Dip pH paper into the sample.
- For liquids, dip pH paper into sample.

Observation	Result
pH = 0	Acidic – the lesser the number, the stronger the acid. A result of less than or equal to 2.0 is RCRA Hazardous for Corrosivity (D002)
PH = 5 – 9	Neutral
PH =10 – 14	Alkaline – the higher the number, the stronger the alkalinity. A result of greater than 12.5 is considered a RCRA Hazardous for Corrosivity (D002)

Step 7: Cyanide test

- Place 5 grams, nickel-size, of the sample into a test tube.
- If material is solid or semi-solid, slurry it with distilled water.
- Wet a strip of the testing paper with some distilled water and place it well above the sample.
- Add 5 ml of concentrated sulfuric acid to sample and gently stir. Immediately cover the test tube.
- Observe for any test paper color changes.



ABANDONED/UNKNOWN WASTE RESPONSE

Standard Operating Procedure (SOP)

Observation	Result
Pale green test paper turns blue	Cyanide is present. Chemical is RCRA hazardous for cyanides (D003).

Step 8: Sulfide test

- Place 5 grams, nickel-size, of the sample into a test tube.
- If material is solid or semi-solid, slurry it with some distilled water.
- Wet a strip of lead-acetate paper with some distilled water and place the paper well above sample.
- Add 5 ml of hydrochloric acid to the sample and gently stir and immediately cover the test tube.
- Observe for any color changes to the test paper.

Observation	Result
Lead-acetate test strip turns brown	Possible reactive sulfides (D003)

Step 9: Determine if the material is hazardous

If an unknown material is negative to all tests, or if you are still unsure about what to classify the material as, you may place the material to the side. A state-contracted disposal company employee can do additional testing upon arrival for a waste pickup. In most cases, those materials will not be shipped on that date. Fill out the Unknown Material Screening Report Form and send it along with your inventories for shipment, see Attachment B of this SOP.

Keep these... +	Away from these... ➔	Or you may get these...
Acids	Bases	Heat violent reaction
Acids or bases	Reactive metals (aluminum, beryllium, calcium, lithium, potassium, magnesium, sodium, zinc powder) metal hydrides	Fire Explosion Hydrogen gas
Water or alcohols	Concentrated acids or bases calcium, lithium, potassium, metal hydrides, other waste reactives	Heat Fire Explosion Flammable and toxic gases
Reactive organic compounds or solvents (alcohols, aldehydes, nitrated hydrocarbons)	Concentrated acids or bases, reactive metals and metal hydrides	Fire Explosion
Cyanide or sulfide solutions	Acids	Toxic hydrogen Cyanide Sulfide gas
Strong oxidizers (chlorates, chlorine, chlorites, chromic acid, hypochlorites, nitrates, perchlorates, permanganates, peroxides)	Organic acids, concentrated mineral acids, reactive metals, metal hydrides, reactive organic compounds or solvents, flammable or combustible waste	Fire Explosion

