

N.H. PETROLEUM REIMBURSEMENT FUND PROGRAM UNIT-BASED COSTS:



Page 1 of 5

Effective December 1, 2023

Oil Fund Disbursement Board

Absorbents, Cleaning, & Containment	Unit	Not-to-Exceed ("NTE") Rate
Containment boom, up to 18"	Foot	\$1.90
Containment boom, 37"		\$2.00
Sorbent pads, 15" x 19" x 3/16", 200 per bale	Bale	\$100.00
Sorbent boom 10' x 5" diam., 4 per bale		\$115.00
Oil Snares, 30 units/box	Box	\$48.30
Speedi-dry, 50lb. Bag	Bag	\$17.00
Polyethylene bags, 38" x 60" (4 mill)		\$2.00
Polyethylene roll 100' x 20' (6 mill)	Each	\$150.00
Degreasers	Gallon	\$28.00
Containers	Unit	NTE Rate
Storage tank (1 to 2.5K gallon) or (5 to 7.5K gallon)	Half-Day	\$22.00
Storage tank (Frac-20,000-gallon)		\$35.00
Roll-Off Container, 10 c.y.		\$11.00
Roll-Off Container, 20 c.y.		\$16.00
Roll-Off Container, 30 c.y.		\$22.00
Roll-Off Liner, all sizes	Each	\$95.00
Drums, 55 gallon Type 17E, closed head		\$65.00
Drums, 55 gallon 17H, open head		\$65.00
Drums, 25M, poly, 55 gallon		\$80.00
Drums, 17E, poly, 30 gallon		\$69.00
Drums, 17H, poly, 30 gallon		\$94.00
1 Cu Yd Box		\$150.00
Pails, poly, 5 gallon (Lab Pack)		\$15.00
Overpack drums, 1A2/X427/S, 85 gallon steel		\$210.00
Overpack drums, 1H2/X340/S, 95 gallon poly		\$400.00
Disposal & Treatment (see end notes 1&2)	Unit	NTE Rate
Bulk Liquid Disposal (gasoline/water), flash point ≤ 140° F, < 1000 gal.	Gallon	\$3.25
Bulk Liquid Disposal (gasoline/water), flash point > 140° F		\$0.95
Bulk Liquid Disposal (gasoline/water), flash point > 140° F, for incineration		\$3.25
Bulk Liquid Disposal (fuel oil/water)		\$0.75
Bulk Liquid Disposal (heavy oil/water)		\$1.20
Mixed Liquid Disposal (gasoline/water)	Drum	\$300.00
Mixed Liquid Disposal (fuel oil/water)		\$155.00
Gasoline Contam. Debris in Drums (Hazardous)		\$310.00

Disposal & Treatment (end notes 1&2) - Cont.	Unit	NTE Rate
Oil Contaminated Debris & VPC Soil in Drums (Non-Hazardous)	Drum	\$140.00
Oil Debris Disposal (in bags)	Bag	\$36.00
Bulk Oil Debris Disposal	Ton	Cost + 15% Minimum 2 Quotes
VPC Soil - Thermal Treatment or Landfill Disposal ≤ 50 Tons		
VPC Soil - Thermal Treat or Landfill > 50 Tons		
Other Petroleum Wastes	T-Packs	
Transport of VPC Soil	Ton	Cost + 15%
E-Manifest Service	Event	\$25.00
Drilling Unit Rates (see end notes for Drillers)	Unit	NTE Rate
Drill rig (HSA) with 2-man crew	Day	\$1,950.00
Drill rig (ATV) with 2-man crew		\$2,050.00
Geoprobe/Direct Push Rig with operator		\$1,600.00
Air Hammer Attachment + Compressor		\$430.00
Grout Pump		\$320.00
Asphalt or Concrete Saw (handheld)		\$110.00
Steam Cleaner		\$105.00
Site Laborer	Hour	\$55.00
Vehicle - Drilling Support	Half-Day	\$124.00
Concrete (80 lbs)	Bag	\$15.00
Core Sampling Liner - 2" Acetate/Geoprobe	Each	\$10.00
Core Sampling Liner - 4" Acetate		\$15.00
8-inch flush road box		\$100.00
4-inch steel protective casing		\$119.00
Geoprobe well points - 3.25" casing		\$32.00
Compression or "J" Plugs		\$19.00
Auger teeth	Job	\$41.00
Rx Core/Air Hammer bit wear	Foot	\$24.00
Core Barrel and Casing bit wear		\$20.00
Well materials - 2-inch PVC		\$17.00
Well Decommissioning 2-inch PVC		\$8.00
Well Decommissioning 4-inch PVC		\$10.00
Concrete, Etc. Disposal (roadbox repair/replacement)	per well	\$16.00
Drill Rig Mobe/Demobe < 50 miles	Per Event	up to \$400
Drill Rig Mobe/Demobe 50-100 miles		up to \$525
Drill Rig Mobe/Demobe > 100 miles		up to \$675

N.H. PETROLEUM REIMBURSEMENT FUND PROGRAM UNIT-BASED COSTS:



Excavating & Loading	Unit	NTE Rate	
Vactor Truck	Hour	\$140.00	
Vactor Hose, 6 inch diameter	Foot	\$3.50	
Backhoe 4WD with attachments	Half-Day	\$340.00	
Mini-Excavator - 10,000 lb.		\$255.00	
Excavator - 40,000 lb.		\$655.00	
Excavator - 60,000 lb.		\$975.00	
Loader - Bobcat type, skidsteer (wheeled) 1,500 lb		\$210.00	
Loader - 3 cy bucket, 4WD, diesel		\$440.00	
Bobcat Attachments		\$175.00	
Pump Truck		Cost + 15%	
Grass seed	Pound	Cost + 10%	
Common Backfill	Ton		
Gravel/crushed stone	Cubic Yard	Cost + 10%	
Flowable Fill			
Loam			C.Y. or Ton
Health and Safety (see end note 3)	Unit	NTE Rate	
Level A PPE	Day/Person	\$330.00	
Level B PPE		\$195.00	
Level C PPE		\$95.00	
Level D PPE		\$40.00	
Labor (see end note 4)	Unit	NTE Rate	
Site Supervisor	Hour	\$110.00	
Foreman or Field Chemist		\$85.00	
Technician or Marine Laborer		\$65.00	
Equipment Operator		\$75.00	
Overtime premium (hours >10, & Saturday)		1.5 X labor rate	
Overtime premium (Sunday & Holidays)		2.0 X labor rate	
Per Diem		Person/day	GSA Rate
Laboratory Analysis (see end note 5)		Unit	NTE Rate
VOC Full List (w/trip blank if ≥ 4 samples)	Each	\$120.00	
VOC - Selective Ion Method (e.g., EDB)		\$75.00	
PAH		\$150.00	
TPH - DRO or GRO		\$120.00	
Ignitability		\$35.00	

Laboratory Analysis (continued)	Unit	NTE Rate
VOC/TPH/Ignitability - VPC soil disposal characterization	Each	\$280.00
VOC/TPH/PAH - Soils		\$395.00
VOC/TPH - Soils		\$245.00
TCLP Metals		\$175.00
RCRA Metals		\$125.00
TCLP - VOC & Metals		Cost
MtBE Only		\$75.00
Metals sample preparation charge		\$20.00
Individual Metals		\$15.00
Alkalinity		
Nitrate		
Sulfate		
Methane		\$80.00
Total Organic Carbon (TOC)		\$40.00
EPA Method TO-15 Canister sampling for BTEX, MTBE and/or Naphthalene		\$250.00
OPUF Leaking Tank Pump Out (see end note 6)	\$200 per tank	
Marine	Unit	NTE Rate
Row Boat (Emerg. Trailer/Van)	Day	\$110.00
Work Boat, up to 16 foot		\$550.00
Work Boat, 16 to 26 foot		\$850.00
Boom Boat, 23 to 35 foot		\$1,320.00
Response/Tow Boat, > 24 feet		\$1,490.00
Meters/Detectors	Unit	NTE Rate
Water level meter	Day	\$20.00
Metal detector		\$22.00
pH, Conductivity and Temperature meter		\$23.00
Oil/Water Interface probe		\$33.00
Dissolved Oxygen meter		\$34.50
Photoionization detector (PID)		\$110.00
Flame ionization detector (FID)		\$121.00
Multi-Gas Meter	\$132.00	

N.H. PETROLEUM REIMBURSEMENT FUND PROGRAM UNIT-BASED COSTS:



Pumps	Unit	NTE Rate
Drum vacuum pump	Half-Day	\$60.00
Pump, pneumatic diaphragm, 1.5 to 3 in. discharge		\$70.00
Pump, electric centrifugal, 1.5 to 3 in. discharge		\$55.00
Pump, trash, 2 to 4 in. discharge		\$127.00
Sampling Equipment and Supplies	Unit	NTE Rate
Data Logger Pressure Transducer	Day	\$115.00
Field Supplies (gloves, ice, sampling bags, etc.)		\$33.00
Groundwater sampling pump		\$51.00
Hand auger		\$17.25
Multi Channel Data Logger		\$287.50
Low Flow Sampling System		\$201.25
Disposable bailers	Each	\$15.00
Encore™ sample container for use w/samp. Method 5035		\$11.00
Groundwater sampling filter		\$27.00
Tools & Equipment	Unit	NTE Rate
Blower/exhaust fan, explosion proof 1,570 CFM	Half-Day	\$30.00
	Week	\$120.00
Blower/exhaust fan, explosion proof 5,000 CFM	Half-Day	\$45.00
	Week	\$192.00
Rotary percussion drill, electric or pneumatic, 1/2" to 3/4"	Half-Day	\$50.00
Skimmer - Duckbill, Slurp, Swiss		\$40.00
Reciprocating saw, electric or pneumatic w/blades		\$40.00
Portable floodlight		\$40.00
All other powered hand tools		\$28.00
Transit or level, tripod, rod, and tape		\$50.00
Jackhammer with bit and hose*		\$55.00
Water Blaster – up to 3,000 psi		\$65.00
Compactor - walk behind 20 x 28" vibrating plate type		\$105.00
Compactor – double drum type		\$200.00
Air Compressor 125/175 psi*		\$115.00
Generator, up to 5000 watt*		\$80.00
Concrete corer - 6" to 8" diameter*		\$102.00
Steam Cleaner – 800 psi		\$115.00
HEPA Vacuum, wet/dry		\$60.00

Tools & Equipment (continued)	Unit	NTE Rate
Light tower w/generator	Half-Day	\$138.00
Chain Saw, gas or electric, all sizes		\$40.00
Concrete Saw with blade	Day	\$280.00
Heat Blanket		\$28.00
Glycol Heater		\$800.00
Concrete Saw Blade	Each	Cost + 10%
Duct Tape	Roll	\$14.00
Traffic Signs Package	Incident	\$115.00
Vehicles & Trailers	Unit	NTE Rate
Automobiles, 2-wheel and 4-wheel drive	Mile	IRS Rate
Lowboy Trailer with Tractor	Hour	\$138.00
Roll-Off/Frac Tank Trailer or Truck		\$90.00
Vacuum Truck		\$90.00
Pickup Truck or Van	Half-Day	\$100.00
Work/Utility Truck (Non-Emergency)		\$180.00
Rack Truck		\$192.00
Fully equipped Emergency Response Trailer		\$165.00
Fully equipped Emergency Response Van		\$175.00
Transport Tankers, 3000 gallon minimum		\$220.00
Box Truck		\$210.00
Dump Truck - 5-6 cyd		\$250.00
Dump Truck - 22-24 cyd		\$255.00
Dump Trailer		\$236.38
Flat Bed Trailers	\$125.00	
Subcontractor & Other Cost Multipliers (see end notes 7&8)		Markup
Project-specific administration of subcontracted services		NTE 15%
Project-specific materials, supplies, and equipment rental; no contract and not a listed Unit-Based Cost		NTE 10%
Project-specific inventory held more than 30 days		NTE 5%
Fuel Costs		See Notes on page 4
Unit-Based Cost Notes:		
See Page 4 for detailed end notes		
* May be used for drilling tasks, as necessary.		

N.H. PETROLEUM REIMBURSEMENT FUND PROGRAM UNIT-BASED COSTS:

Page 4 of 5

Effective December 1, 2023



Oil Fund Disbursement Board

General Notes on Unit Based Rates (UBR)

Equipment rates include all costs of operation and maintenance exclusive of operator, unless specified otherwise. All listed rates are considered not-to-exceed (NTE). Reimbursement shall not exceed actual invoiced costs, paid or incurred less any discounts received. Cost + items are reimbursable at the firm invoiced cost plus allowable markup. No markup is allowed on any listed Unit-Based Cost for owned-equipment that is usual and customary for a service provider. For example, an Initial Response Contractor should have a Vacuum Truck. For rented equipment markup is limited to 10%. Rental cost plus 10% markup cannot exceed the owned-equipment rate. The Board and NHDES reserve the right to negotiate markup multipliers for large or special projects.

- (1) Transportation for disposal shall be performed at lowest cost. For landfill disposal of virgin petroleum contaminated (VPC) soil, total transportation and disposal costs must be equal to or less than the thermal treatment cost. Additional disposal-related charges for waiting time, minimum loads and administrative fees will be considered on a case-by-case basis. VPC disposal in drums for small quantities is typically 3 drums or less.
- (2) Prices for the disposal, recycling, treatment, and transportation of waste materials, including petroleum contaminated soil, shall include all applicable in-state and out-of-state fees, and federal fees and taxes.
- (3) Supplemental Level D PPE based on site conditions that warrant additional worker protection. Standard Level D protection is built into existing labor rates.
- (4) Weekday overtime is "Base Rate" X 1.5 for work in excess of the standard 8 hour workday plus 2 hours travel/preparation time. (ie. overtime rates apply >10 hours per week day). An uncompensated lunch period up to 1 hour each day is allowed for all staff. With the exception of Emergency and Initial Response Actions, work should be conducted on a regular weekday schedule. "Per Diem" Reimbursement is available for site activities requiring more than one day of fieldwork where there is a net savings in daily travel costs. Overtime is appropriate for projects with long travel distances, versus re-mobilizing to the site, but may be used on any project to reduce overall costs. An explanation of why overtime and/or per diem is the most cost effective option should accompany the WSA. Per Diem rates shall be based on the New Hampshire GSA rates found at the U.S. General Services Administration website: <https://www.gsa.gov/travel/plan-book/per-diem-rates>
- (5) Laboratory analysis rates include sample preparation, analysis, and disposal, based on standard turnaround time. NHDES must approve expedited service and additional charges. For less than 4 VOC samples, trip blank cost is reimbursable up to the NTE rate. For ≥ 4 VOC samples, if the total cost for analysis plus trip blank is less \leq analysis-only cost, then the trip blank cost is reimbursable. (eg. 4 samples plus 1 trip blank @ \$90/analysis is \$450 \leq NTE rate \$120 x 4 samples.)
- (6) Labor and materials to pump out a visibly leaking heating oil storage tank.
- (7) The Board and NHDES reserve the right to negotiate project specific markup rates.
- (8) Service providers seeking compensation for increased motor fuel costs shall track fuel usage for the project using typical vehicle mileage efficiency/equipment fuel consumption and calculate the cost differential from the December 2023 fuel price for New England (PADD1) published by the USDOE/EIA.

Notes on Driller's Unit Based Rates

Drilling work scope authorizations shall be prepared using units exclusively from the Driller's Unit Based Rate table, with the exception of those units marked elsewhere with an asterisk (*), or when specifically approved by NHDES staff for site specific reasons.

Drilling rates include all costs of labor, operation and maintenance for overburden drilling. NHDES must approve bedrock drilling and additional charges. Two sub contractor quotes are required when installing bedrock wells, or a total of more than 100 linear feet of overburden wells.

Mobilization (mobe/demobe) costs are applicable as a single "per event" cost for all drilling tasks (well installs, road box repairs, well decommissioning) associated with the mobilization event. Complex projects, requiring multiple mobilizations should be discussed with NHDES staff, prior to approval.

Well decommission "per linear foot" cost includes disposal of well materials including concrete, asphalt, roadbox and well casing. Concrete/asphalt disposal rate only applies to roadbox repair/replacement, where "per foot" decommission rates are not applicable.

N.H. PETROLEUM REIMBURSEMENT FUND PROGRAM UNIT-BASED COSTS:

Service Providers, Contracts & Markup



Contractor Service Provider Category	Subcontractor Services: Not-to-Exceed 15% Markup Applies	Subcontractor Services: Not-to-Exceed 10% Markup Applies	Notes:
Consultant Services			<p>Contractor/service providers may use subcontractors or vendors as indicated. Other subcontractors and vendor relationships may be established at the discretion of the fund-eligible party and service provider, but no markup is allowed. Reimbursement is limited to the actual cost of services paid or incurred, less any discounts received, plus markup.</p> <p>Not-to-exceed (NTE) 15% markup applies for administrative and subcontracted services, under a written contract. NTE 10% markup applies for certain vendor services. NTE 5% markup is allowed for project-specific inventory held more than 30 days, and disposal facility insurance surcharges. No markup is allowed on any published Unit-Based Cost that is usual and customary for a service provider.</p> <p>The Board and NHDES reserve the right to negotiate markup multipliers for large remediation projects, on a case-by-case basis.</p>
Initial Response Action at residential On-Premise Use Facilities (OPUF) ¹	Laboratory Driller Structural or Geotechnical Engineer	Police Detail Product Recovery & Remediation Systems Utilities	
Investigations & Remediation Plan Development	Laboratory Driller Structural or Geotechnical Engineer Contaminated Materials Disposal Facility ²	Project-Specific Materials & Supplies Police Detail	
Remediation System Component Installation	Laboratory Driller Contaminated Materials Disposal Facility	Project-Specific Materials & Supplies Police Detail Product Recovery & Remediation Systems	
Remediation System Operation & Maintenance	Laboratory Contaminated Materials Disposal Facility ²	Project-Specific Materials & Supplies Product Recovery & Remediation Systems Utilities	
Initial Response Action Contractor			
Initial Response Actions ¹	Laboratory Driller Structural or Geotechnical Engineer Contaminated Materials Disposal Facility Site Restoration Contractor – Not OSHA Certified ³	Project-Specific Materials & Supplies Police Detail Product Recovery & Remediation Systems Utilities	
Remediation General Contractor			
Soil excavation & Disposal, Trenching & Piping, Systems Installation, System Operation & Maintenance, Bench Scale Study and Implementation for Biological or Chemical Injections	Laboratory Driller Structural or Geotechnical Engineer Contaminated Materials Disposal Facility Site Restoration Contractor – Not OSHA Certified	Project-Specific Materials & Supplies Police Detail Product Recovery & Remediation Systems Utilities	
Water System Provider			
Bottled water, point-of-entry treatment system installation, system operation/maintenance, replacement water supply well	Laboratory Driller Structural or Geotechnical Engineer Contaminated Materials Disposal Facility Site Restoration Contractor – Not OSHA Certified	Project-Specific Materials & Supplies Utilities	

¹ The Consultant or Initial Response Action (IRA) contractor may coordinate IRA work at residential OPUF facilities, but no markup is allowed between those firms. The IRA report standard form is completed by contractors (or by Consultants at Contractor rates). The IRA report for complex projects is completed by a licensed engineer or geologist.

² Contaminated materials disposal includes soils, liquids, and spent treatment media, and for consultant services may include drill cuttings and well purge water.

³ Various site restoration services including paving, structural repairs and landscaping should be performed by specialty subcontractors.