

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

Table 1. Unit-Based Costs

Effective November 1, 2017



Oil Fund Disbursement Board

Absorbents, Cleaning, & Containment	Unit	Not-to-Exceed ("NTE") Rate	Oil Contaminated Debris & VPC Soil in Drums	Drum	\$100.33	Flowable Fill	Cubic Yard	Cost + 10%	
Containment boom, up to 18"	Foot	\$1.40	Oil Debris Disposal (in bags)	Bag	\$31.74	Loam	Cu. Yd or Ton		
Containment boom, 37"		\$1.66	Bulk Oil Debris Disposal	Ton	Cost + 15%	Health and Safety	Unit	NTE Rate	
Sorbent pads, 15"x19"x3/16", 200 per bale	Bale	\$98.49	VPC Soil - Thermal Treatment or Landfill Disposal ≤ 50 Tons			Minimum 2 Quotes	Level A PPE	Day/Person	\$222.00
Sorbent boom 10"x8" diam., 4 per bale		\$196.98	VPC Soil - Thermal Treatment or Landfill Disposal > 50 Tons	Level B PPE	\$132.50				
Oil Snare, 30 units/box	Box	\$48.30	Other Petroleum Wastes	T-Packs	Level C PPE	\$75.00			
Speedi-dry, 50lb. Bag	Bag	\$7.48	Transport of VPC Soil	Ton	Level D PPE	\$25.00			
Polyethylene bags, 38" x 60" 4 mill		\$1.07	Drilling	Unit	NTE Rate	Labor	Unit	NTE Rate	
Polyethylene roll 100' x 20'	Each	\$98.44	Drill rig (HSA) with 2-man crew	Day	\$1,425.00	Site Supervisor	Hour	\$96.60	
Degreasers	Gallon	\$56.70	Drill rig (ATV) with 2-man crew		\$1,525.00	Foreman		\$65.36	
Containers	Unit	NTE Rate	Steam cleaner	\$85.00	Technician	\$52.50			
Storage tank (1,000 - 2,500 gallon)	Half-Day	\$16.38	Air Hammer Attachment + Compressor	\$350.00	Equipment Operator	\$57.86			
Storage tank (5,000 - 7,500 gallon)		\$31.50	Geoprobe/Direct Push Rig with operator	\$1,100.00	Overtime premium (hours >10, Saturday)	1.5 X labor			
Storage tank (Frac-20,000-gallon)		\$9.64	Grout Pump	\$300.00	Overtime premium (Sunday & Holidays)	2.0 X labor			
Roll-Off Container, 10 c.y.		\$12.86	Support Vehicle	Half-Day	\$100.00	Per Diem	Person/day	\$110.00	
Roll-Off Container, 20 c.y.	Each	\$13.91	8-inch flush road box	Each	\$85.00	Laboratory Analysis	Unit	NTE Rate	
Roll-Off Container, 30 c.y.		\$68.51	4-inch steel protective casing		\$95.00	VOC Full List (w/trip blank if ≥ 4 samples)	Each	\$120.00	
Roll-Off Liner, all sizes	Each	\$42.00	Geoprobe well points - 3.25" casing	\$28.00	VOC - Selective Ion Method (e.g., EDB)	\$75.00			
Drums, 55 gallon Type 17E, closed head		\$71.40	Compression or "J" Plugs	\$16.00	PAH	\$150.00			
Drums, 55 gallon 17H, open head		\$61.95	Auger teeth	Job	\$35.00	TPH - DRO or GRO		\$120.00	
Drums, 25M, poly, 55 gallon		\$85.05	Rx Core/Air Hammer bit wear	Foot	\$17.50	Ignitability		\$35.00	
Drums, 17H, poly, 30 gallon		\$110.25	Well materials - 2-inch PVC		\$11.50	VOC/TPH/Ignitability - VPC soil disposal characterization		\$280.00	
1 CuYd Box		\$9.82	Well Decommissioning 2-inch PVC	\$4.50	VOC/TPH/PAH - Soils	\$395.00			
Pails, poly, 5 gallon (Lab Pack)		Lump Sum	\$163.80	Mobilization/demobilization (installation or decommissioning) < 50, 50 - 100 miles	\$350 - \$475	VOC/TPH - Soils		\$245.00	
Overpack drums, 1A2/X427/S, 85 gallon,			\$178.50	Excavating & Loading	Unit	NTE Rate		TCPL Metals	\$175.00
Overpack drums, 1H2/X340/S, 95 gallon,		Unit	NTE Rate	Vector Truck	Hour	\$120.39		RCRA Metals	\$125.00
Disposal & Treatment (1)		Gallon	\$1.86	Vector Hose, 6 inch diameter	Foot	\$2.82		TCPL - VOC & Metals	Cost
Bulk Liquid Disposal (gasoline/water), flash point ≤ 140° F, < 1000 gal.	\$0.82		Backhoe with attachments	Half-Day	\$298.04	MtBE Only		\$75.00	
Bulk Liquid Disposal (gasoline/water), flash point > 140° F	\$2.60	Mini-Excavator	\$225.10		Metals sample preparation charge	\$20.00			
Bulk Liquid Disposal (gasoline/water), flash point > 140° F, for incineration		\$383.00	Excavator - 25,000 lb.		\$551.93	Individual Metals	\$15.00		
Bulk Liquid Disposal (fuel oil/water)	\$0.52	Excavator - 75,000 lb.	\$179.91		Alkalinity				
Bulk Liquid Disposal (heavy oil/water)	\$0.71	Loader - Bobcat type	\$383.00		Nitrate				
Mixed Liquid Disposal (gasoline/water)	Drum	\$266.18	Loader - 3 cy bucket		\$150.12	Sulfate	\$80.00		
Mixed Liquid Disposal (fuel oil/water)		\$131.04	Bobcat Attachments	Pound	Cost + 15%	Methane	\$40.00		
Gasoline Contaminated Debris in Drums (Hazardous)		\$250.82	Pump Truck		Ton	Cost + 10%	Total Organic Carbon (TOC)	\$40.00	
			Grass seed			EPA Method TO-15 Canister sampling for	\$250.00		
			Common Backfill						
			Gravel/crushed stone						

(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.

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Table 1A. Unit-Based Costs

Effective November 1, 2017



Oil Fund Disbursement Board

Leaking OPUF Tank Pump Out (1)		\$200 per tank	Tools & Equipment		Unit	NTE Rate	Fully equipped Emergency Response Trailer/Van		
Marine	Unit	Not-to-Exceed (NTE) Rate	Rotary percussion drill, electric or pneumatic, 1/2" to 3/4"			\$35.28	Half-Day	\$141.83/\$149.93	
Row Boat (Emerg. Trailer/Van)	Day	\$75.00	Blower/exhaust fan, explosion proof 5,000 CFM			\$17.14		Transport Tankers, 3000 gallon minimum	\$181.01
Work Boat, up to 16 foot		\$500.00	Blower/exhaust fan, explosion proof 1,570 CFM			\$33.18		Box Truck	\$205.00
Work Boat, 16 to 26 foot		\$770.00	Skimmer - Duckbill, Slurp, Swiss			\$29.93		Dump Truck - 5-6 cyd	\$212.11
Boom Boat, 23 to 35 foot		\$1,200.00	Reciprocating saw, electric or pneumatic w/blades			\$21.42		Dump Truck - 22-24 cyd	\$236.38
Response/Tow Boat, > 24 feet		\$1,350.00	Portable floodlight			\$43.89		Dump Trailer	\$107.12
			Reciprocating saw, electric or pneumatic w/blades			\$59.96	Flat Bed Trailers		
Meters/Detectors	Unit	NTE Rate	All other powered hand tools <td>Half-Day</td> <td></td> <td>\$47.04</td> <td colspan="2">Unit-Based Cost Notes:</td>	Half-Day		\$47.04	Unit-Based Cost Notes:		
Water level meter	Day	\$17.25	Transit or level, tripod, rod, and tape			\$54.60	Equipment rates include all costs of operation and maintenance exclusive of operator, unless specified otherwise.		
Metal detector		\$23.00	Jackhammer with bit and hose			\$65.31	All listed rates are not-to-exceed. Reimbursement shall not exceed actual invoiced costs, paid or incurred, less any discount received. Cost + items are reimbursable at the invoiced cost, plus allowable markup. No markup is allowed on any listed Unit-Based Cost that is usual and customary for a service provider. The Board and NHDES reserve the right to negotiate markup for large or unique projects.		
pH, Conductivity and Temperature meter		\$28.75	Water Blaster – up to 3,000 psi			\$71.72	Drilling rates include all costs of labor, operation, and maintenance for overburden exploration. NHDES must review and approve bedrock drilling and additional charges.		
Interface probe		\$34.50	Compactor – walk behind 20 x 28" vibrating plate type			\$69.56	The service provider, subcontractor, or vendor invoice may be considered the corrective action report for certain services. Contact NHDES for guidance.		
Dissolved Oxygen meter		\$80.00	Steam Cleaner – 800 psi			\$87.78			
Photoionization detector (PID)		\$103.50	Air Compressor 125/175 psi			\$119.91			
Flameionization detector (FID)		\$108.10	Generator, up to 5000 watt			\$35.28			
Multi-Gas Meter		\$108.10	Concrete corer - 6" to 8" diameter			\$246.28			
Pumps	Unit	NTE Rate	Compactor – double drum type			\$26.78			
Drum vacuum pump	Half-Day	\$41.74	Light tower w/generator			\$682.50			
Pump, pneumatic diaphragm, 1.5 to 3 in. discharge		\$52.45	Chain Saw, gas or electric, all sizes			\$98.49			
Pump, electric centrifugal, 1.5 to 3 in. discharge		\$42.84	Concrete Saw with blade			\$163.80			
Pump, trash, 2 to 4 in. discharge	\$109.20	Heat Blanket			Cost + 10%				
Sampling Equipment and Supplies	Unit	NTE Rate	Glycol Heater			\$107.10			
Data Logger Pressure Transducer	Day	\$115.00	Blower/exhaust fan, explosion proof 1,570 CFM	Week		\$119.77			
Field Supplies		\$28.75	Blower/exhaust fan, explosion proof 5,000 CFM			\$73.27			
Groundwater sampling pump		\$46.00	Concrete Saw Blade			\$142.09			
Hand auger		\$17.25	Traffic Signs Package						
Multi Channel Data Logger		\$287.50	Automobiles, 2-wheel and 4-wheel drive						
Low Flow Sampling System	\$201.25	LowboyTrailer with Tractor							
Disposable bailers	Each	\$13.80	Roll-Off/Frac Tank Trailer or Truck	Hour					
Encore™ sample container for use w/sampling Method 5035		\$9.20	Vacuum Truck						
Geoprobe core sample liners		\$23.00	Pickup Truck or Van	Half-Day					
Groundwater sampling filter		\$23.00	Rack Truck						
Subcontractor & Other Cost Multipliers (2)			Vehicles & Trailers	Unit	NTE Rate				
Project-specific administration of subcontracted services		NTE 15%	Automobiles, 2-wheel and 4-wheel drive	Mile	IRS Rate				
Project-specific materials, supplies, and equipment rental; no contract and not a listed Unit-Based Cost		NTE 10%	LowboyTrailer with Tractor						
Project-specific inventory held more than 30 days		NTE 5%	Roll-Off/Frac Tank Trailer or Truck	Hour					
Fuel cost (3)		Actual Incremental Cost	Vacuum Truck						
			Pickup Truck or Van	Half-Day					
			Rack Truck						

(1) Labor and materials to pump out a visibly leaking heating oil storage tank.

(2) The Board and NHDES reserve the right to negotiate project specific markup rates.

(3) 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 October 2017 fuel price for New England (PADD1) published by the USDOE/EIA.