

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



Table 1. Unit-Based Costs

Absorbents, Cleaning, & Containment Effective August 2009			Drilling - Effective January 2012			Level C PPE		
	Unit	Not-to-Exceed ("NTE") Rate		Unit	NTE Rate		Day/person	\$75.00
Containment boom, up to 18"	Foot	\$1.33	Drill rig (HSA) with 2-man crew	Day	\$1,425.00	Level D PPE	Day/person	\$25.00
Containment boom, 24"		\$1.58	Drill rig (ATV) with 2-man crew		\$1,525.00	Labor (A) - Effective July 2013	Unit	NTE Rate
Sorbent pads, 18"x18"x3/16", 200 per bale	Bale	\$93.80	Steam cleaner		\$85.00	Site Supervisor	Hour	\$92.00
Sorbent boom 10'x8" diam., 4 per bale		\$187.60	Air Hammer Attachment + Compressor		\$350.00	Foreman		\$62.25
Oil Snares, 30 units/box	Box	\$46.00	Geoprobe/Direct Push Rig with operator		\$1,100.00	Technician		\$50.00
Speedi-dry, 50lb. Bag	Bag	\$7.12	Grout Pump		\$300.00	Equipment Operator		\$55.10
Polyethylene bags, 38" x 60" 4 mill		\$1.02	Auger teeth	Job	\$35.00	Licensed Plumber		Cost + Item
Polyethylene roll 100' x 20'	Each	\$93.75	8-inch flush road box	\$85.00	Licensed Electrician	See Note (3)		
Degreasers	Gallon	\$54.00	4-inch steel protective casing	Each	\$95.00	Overtime premium	Person/day	\$110.00
Containers - Effective August 2009	Unit	NTE Rate	Geoprobe well points - 3.25" casing		\$28.00	Laboratory Analysis - July 2009	Unit	NTE Rate
Storage tank (1,000 - 2,500 gallon)	Half-Day	\$15.60	Compression or "J" Plugs		\$16.00	VOC Full List (See Table 1A. notes regarding trip blanks.)	Each	\$120.00
Storage tank (5,000 - 7,500 gallon)		\$30.00	Core/Air Hammer bit wear	Foot	\$17.50	VOC - Selective Ion Method (e.g., EDB)		\$75.00
Storage tank (Frac-20,000-gallon)		\$9.18	Well installation materials - 2-inch PVC		\$11.50	PAH		\$150.00
Roll-Off Container, 10 c.y.		\$12.25	Well decommissioning materials - 2-inch PVC (2)		\$4.50	TPH - DRO or GRO		\$120.00
Roll-Off Container, 20 c.y.		\$13.25	Support Vehicle	Half-Day	\$100.00	Ignitability		\$35.00
Roll-Off Container, 30 c.y.			Mobilization/demobilization (installation or decommission) <50, 50-100 miles	Lump Sum	\$350-\$475	VOC/TPH/Ignitability - VPC soil disposal characterization		\$280.00
Roll-Off Liner, all sizes	Each	\$65.25	(Reserved)	(Reserved)	(Reserved)	VOC/TPH/PAH - Soils		\$395.00
Drums, 55 gallon Type 17E, closed head		\$40.00	Excavating & Loading (3) - Effective July 2013	Unit	NTE Rate	VOC/TPH - Soils		\$245.00
Drums - 55 gallon 17H, open head		\$68.00	Vactor Truck	Hour	\$117.60	TCLP Metals		\$175.00
Drums, 25M, poly, 55 gallon		\$59.00	Vactor Hose, 6 inch diameter	Foot	\$2.75	RCRA Metals		\$125.00
Drums, 17E, poly, 30 gallon		\$81.00	Backhoe with attachments		\$291.75	TCLP - VOC & Metals		Cost
Drums, 17H, poly, 30 gallon		\$105.00	Mini-Excavator		\$219.88	MtBE Only		\$75.00
Box, Flexible fiber, 1 CuYd		\$9.35	Excavator - 150 type		\$374.11	Metals sample preparation charge		\$20.00
Pails, poly, 5 gallon (Lab Pack)		\$156.00	Excavator - PC 300 type		\$539.13	Individual Metals		\$15.00
Overpack drums, 1A2/X427/S, 85 gallon, steel		\$170.00	Excavator - PC 300 type		\$175.73	Alkalinity		
Overpack drums, 1H2/X340/S, 95 gallon, poly			Loader - Bobcat type, skid steer	Half-Day	\$374.11	Nitrate		
Disposal & Treatment (1) - Effective July 2013	Unit	NTE Rate	Loader - 3 cy bucket		\$145.75	Sulfate		
Bulk Liquid Disposal (gasoline/water)	Gallon	\$1.82	Bobcat Attachments		Cost + Item	Methane	\$80.00	
Bulk Liquid Disposal (fuel oil/water)		\$0.51	Pump Truck		\$291.13	Total Organic Carbon (TOC)	\$40.00	
Bulk Heavy Oil/Water		\$0.69	Loader - Bobcat type, 4 WD		(Reserved)	EPA Method TO-15 Canister sampling for	\$250.00	
Mixed Liquid Disposal (gasoline/water)	Drum	\$260.00	(Reserved)	(Reserved)	(Reserved)			
Mixed Liquid Disposal (fuel oil/water)		\$128.00	Grass seed	Pound				
Gasoline-Contaminated Debris (Hazardous)		\$245.00	Common Backfill					
Oil-Contaminated Debris/Soil (Non-Hazardous)		\$98.00	Gravel/crushed stone	Ton	Cost + Item			
Oil Debris Disposal (in bags)	Bag	\$31.00	Flowable Fill					
Bulk Oil Debris Disposal	Ton	Cost + Item	Loam	Yard				
VPC Soil - Thermal Treatment or Landfill >50 Tons		Minimum 2 Quotes	Health and Safety - Effective July 2013	Unit	NTE Rate			
VPC Soil - Thermal Treatment or Landfill <=50 Tons		Cost + Item	Level A PPE		\$222.00			
Oily Debris/Soil Mixtures, Other Wastes	Ton/T-Pack	Minimum 2 Quotes	Level B PPE	Day/person	\$132.50			

(A) The following rate schedule applies for OT work:
 Weekday - Base X 1.5, for work in excess of 10 hours;
 Saturday - Base X 1.5; and
 Sunday & Holiday - Base X 2.0.

(1) Transportation for disposal shall be performed at lowest cost. For landfill disposal of 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 5 drums or less.
 (2) Cost for materials to grout the well and finish at the ground surface, such as bentonite, gravel, concrete and asphalt. A specific budget is needed for road box replacement and well decommissioning.
 (3) For trucks and heavy equipment, the listed NTE rates are for owned-equipment only. Rental equipment is limited to cost plus 10% markup, which cannot exceed the owned-equipment rate.

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Table 1A. Unit-Based Costs



Leaking OPUF Tank Pump Out - 2003		\$200 per tank (1)		
Marine - Effective August 2009	Unit	Not-to-Exceed ("NTE") Rate		
Row Boat	Half-Day	\$40.80		
Power Boat, up to 16 foot		\$204.00		
Power Boat, 16 to 22 foot	Day	\$255.00		
(Reserved)	(Reserved)	(Reserved)		
Meters/Detectors - 2003		Unit	NTE Rate	
Water level meter	Day	\$15.00		
Metal detector		\$20.00		
pH, Conductivity and Temperature meter		\$25.00		
Interface probe		\$30.00		
Dissolved Oxygen meter		\$90.00		
Photoionization detector (PID)		\$94.00		
Flameionization detector (FID)		(Reserved)		
Multi-Gas Meter		(Reserved)		
(Reserved)		(Reserved)		
(Reserved)		(Reserved)		
Pumps - Effective August 2009		Unit	NTE Rate	
Drum vacuum pump	Half-Day	\$39.75		
Pump, pneumatic diaphragm, 1.5 in. to 3 in. discharge		\$49.95		
Pump, electric centrifugal, 1.5 in. to 3 in. discharge		\$40.80		
Pump, trash, 2 in. to 4 in. discharge		\$104.00		
Sampling Equipment and Supplies - 2003		Unit	NTE Rate	
Data Logger Pressure Transducer	Day	\$100.00		
Field Supplies		\$25.00		
Groundwater sampling pump		\$40.00		
Hand auger		\$15.00		
Multi Channel Data Logger		\$250.00		
Low Flow Sampling System		\$175.00		
Disposable bailers		\$12.00		
EncoreTM sample container for use with sampling Method 5035		Each	\$8.00	
Geoprobe core sample liners				
Groundwater sampling filter			\$20.00	
Subcontractor & Other Cost Multipliers (2) - 2003				
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%			
(Reserved)	(Reserved)			
Fuel cost (3)	Actual Incremental Cost			

Tools & Equipment - Effective August 2009		Unit	NTE Rate	
Concrete Saw with blade	Day		\$234.55	
Concrete Saw Blade	Each		Cost + Item	
Blower/exhaust fan, explosion proof 1,570 CFM	Half-Day		\$16.32	
Skimmer - Duckbill, Slurp, Swiss			\$31.60	
Reciprocating saw, electric or pneumatic w/ blades			\$28.50	
Portable floodlight			\$20.40	
All other powered hand tools			\$33.60	
Chain Saw, gas or electric, all sizes			\$41.80	
Rotary percussion drill, electric or pneumatic, 1/2" to 3/4"			\$44.80	
Blower/exhaust fan, explosion proof 5,000 CFM			\$52.00	
Transit or level, tripod, rod, and tape			\$57.10	
Jackhammer with bit and hose			\$62.20	
Water Blaster - up to 3,000 psi		\$68.30		
Compactor - walk behind 20 x 28" vibrating plate type		\$66.25		
Steam Cleaner - 800 psi		\$83.60		
Air Compressor 125/175 psi		\$114.20		
Generator, up to 5000 watt		\$102.00		
Concrete corer - 6" to 8" diameter	Incident		\$93.80	
Compactor - double drum type	Week		\$156.00	
Light tower w/generator	Day		\$25.50	
Traffic Signs Package	Day		\$650.00	
Blower/exhaust fan, explosion proof 1,570 CFM	Unit	NTE Rate		
Blower/exhaust fan, explosion proof 5,000 CFM	Mile		IRS Rate	
Heat Blanket	Half-Day		\$71.14	
Glycol Heater			\$229.50	
Vehicles & Trailers (4) - Effective July 2013			\$104.00	
Automobiles, 2-wheel and 4-wheel drive				Reserved
Pickup Truck or Van				\$137.95
Dump Trailer				\$137.70/\$145.56
Flat Bed Trailers				\$175.74
Reserved				\$205.93
RackTruck				\$116.28
Fully equipped Emergency Response Trailer/Van				
Transport Tankers, 3000 gallon minimum				
Box Truck				
Dump Truck - 12 Wheel				
LowboyTrailer with Tractor	Hour			

Vacuum Truck	Hour	\$71.14
Roll-Off/Frac Tank Trailer or Truck		
Work/Utility Truck (non-emergency)	Half-Day	\$129.38
Unit-Based Cost Notes:		
Equipment rates include all costs of operation and maintenance exclusive of operator, unless specified otherwise.		
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 <= analysis-only cost, then the trip blank cost is reimbursable.		
All listed rates are considered not-to-exceed. 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.		
Drilling rates include all costs of labor, operation and maintenance for overburden drilling. NHDES must approve bedrock drilling and additional charges.		
The service provider, subcontractor or vendor invoice may be considered the corrective action report for certain services. Contact the NHDES project manager for reporting guidance.		

- (1) Labor and materials to pump out a visibly-leaking heating oil storage tank.
- (2) The Board/NHDES reserve the right to negotiate a project-specific markup rate.
- (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 July 2013 fuel price for N.E. PADD 1A, published by the U.S. Energy Information Administration http://www.eia.gov/dnav/pet/pet_pri_gnd_dcus_r1x_w.htm
- (4) For trucks and heavy equipment, the listed NTE rates are for owned-equipment only. Rental equipment is limited to cost plus 10% markup, which cannot exceed the owned-equipment rate.