****PROPOSED REVISIONS AS OF MARCH 20, 2024****

Appendix 3 Reimbursement Fee Schedule - Effective March 1, 2023

TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
1			**LABOR CATEGORIES - Refer to Labor Qualifications and Descriptions**			
1.1			Principal	Per Hour	$0	
1.2			Licensed Site Professional/ Licensed Professional Engineer	Per Hour	$160	
1.3			Project Manager	Per Hour	$135	
1.4			Senior Scientist/Senior Engineer/Senior Geologist	Per Hour	$135	
1.5			Staff Scientist/Engineer/Geologist/Hydrogeologist II	Per Hour	$113	
1.6			Scientist/Engineer/Geologist/Hydrogeologist I	Per Hour	$86	
1.7			Permits/Health & Safety Coordinator	Per Hour	$86	
1.8			Construction Foreman	Per Hour	$97	
1.9			Senior Technician/Technician III	Per Hour	$100	
1.10			Technician II	Per Hour	$75	
1.11			Technician I	Per Hour	$60	
1.12			Draftsperson/CADD	Per Hour	$86	
1.14			Administrative Support	Per Hour	$60	
1.15			Heavy Equipment Operator	Per Hour	$70	
1.16			Truck Driver (multi-axle or tractor)	Per Hour	$70	
1.17			Laborer	Per Hour	$60	
2			**REPORT PREPARATION**			
2.1			Phase 1 Report per 310 CMR 40.0480 - Project disciplines include labor to conduct site review, background research, state and municipal file review, travel time, travel expenses, environmental database review, review of aerial photography, data evaluation and report preparation. Report to include site maps, groundwater contour map, boring/monitoring well logs, summary tables of analytical data, laboratory sheets with chain of custody, and other requirements as specified in 310 CMR 40.0480. Excludes file review fees.	NTE	$8,361	
	2.1.1		File Review Fees charged by State Agency or Local Municipality	At Cost	<$201	
2.2			Phase II Scope of Work per 310 CMR 40.0834	NTE	$4,638	
2.3			Phase II per 310 CMR 40.0830	NTE	$15,156	
	2.3.1		Phase II Supplemental Addendum	Each	$4,622	
2.4			Phase III per 310 CMR 40.0850	NTE	$8,228	
	2.4.1		Phase III Supplemental Addendum	Each	$3,525	
2.5			Phase IV per 310 CMR 40.0870	NTE	$9,649	
	2.5.1		Phase IV Status Report per 310 CMR 40.0877	Each	$4,524	
	2.5.2		Phase IV As Built Construction Report per 310 CMR 40.0875	Each	$1,387	
	2.5.3		Phase IV Final Inspection Report per 310 CMR 40.0878	Each	$2,820	
	2.5.4		Phase IV Supplemental Addendum Report	Each	$4,276	
2.6			Phase V per 310 CMR 40.0890			
	2.6.1		Phase V Status Report, Remedy Operation Status Report, ROS Opinion, or Phase V Completion Statement per 310 CMR 40.0893 for an Active Remedial System	Each	$3,912	
		2.6.1.1	Phase V Status Report, Remedy Operation Status Report, ROS Opinion, or Phase V Completion Statement per 310 CMR 40.0892 for an Active Remedial Monitoring Program	Each	$2,676	
	2.6.3		Temporary Solution Status Report per 310 CMR 40.0897	Each	$3,912	
2.7			Risk Assessment per 310 CMR 40.0900			
	2.7.1		Method 1 per 310 CMR 40.0973	Each	$4,362	
	2.7.2		Method 2 per 310 CMR 40.0980	Each	$10,100	
	2.7.3		Method 3 per 310 CMR 40.0990	Each	$20,000	
	2.7.4		Feasibility of Permanent Solutions; Feasibility of Restoration to Background per 310 CMR 40.0860 & 40.1020.	Each	$1,774	
	2.7.5		Micro/Macro NAPL Evaluation 310 CMR 40.1003(7)	Each	$2,000	
2.8			Permanent/Temporary Solutions per 310 CMR 40.1000			
	2.8.1		Permanent Solution with No Conditions	NTE	$5,668	
	2.8.3		Permanent Solution with Conditions	NTE	$5,668	
		2.8.3.1	Permanent Solution with Conditions Annual Filing 310 CMR 40.1025(7)	NTE	$540	
	2.8.8		Temporary Solution (Permanent Solution is Not Feasible)	NTE	$4,622	
	2.8.9		Temporary Solution (Permanent Solution is Feasible)	NTE	$4,622	
	2.8.10		LSP 5-Year Periodic Review of Temporary Solution & Opinion per 310 CMR 40.1050(4)(b)	Each	$2,126	
2.10			Complete Tier 1/Tier 2 Classification Filing per 310 CMR 40.0500	Each	$1,000	
	2.10.1		Tier I Permit Extension per 310 CMR 40.0560(7)	Each	$1,941	
2.11			Tier I & Tier II Permit Modification	Each	$1,109	
	2.11.1		Tier II Extension Submittal	Each	$1,664	
2.12			Release Abatement Measure Plan per 310 CMR 40.0444	Each	$2,785	
	2.12.1		Release Abatement Measure Plan Addendum per 310 CMR 40.0444	Each	$1,387	
	2.12.2		Release Abatement Measure Status Report per 310 CMR 40.0445	Each	$3,663	
	2.12.3		Release Abatement Measure Plan Completion Report per 310 CMR 40.0446	Each	$4,403	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
	2.12.4		Release Abatement Measure Plan Design Specification	Each	$3,467	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
2.13			Immediate Response Action Plan per 310 CMR 40.0424	Each	$3,363	
	2.13.1		Immediate Response Action Plan Addendum per 310 CMR 40.0424	Each	$1,387	
	2.13.2		Immediate Response Action Plan Status Report per 310 CMR 40.0425	Each	$3,663	
	2.13.3		Immediate Response Action Plan Completion Report per 310 CMR 40.0427	Each	$4,403	
	2.13.4		Immediate Response Action Plan Design Specification	Each	$3,467	
	2.13.5		Combined Immediate Response Action Plan and Completion Report per 310 CMR 40.0427	Each	$6,206	
2.14			Imminent Hazard Evaluation per 310 CMR 40.0426	Each	$4,160	
	2.14.1		Substantial Hazard Evaluation per 310 CMR 40.0956	Each	$4,160	
2.15			LSP Opinion to remove off gas controls	Each	$1,387	
2.16			Activity and Use limitations per 310 CMR 40.1000	Each	$6,298	
	2.16.1		Amendment to Activity and Use Limitations per 310 CMR 40.1000	Each	$2,126	
2.17			Legal Fees for Activity and Use Limitations per 310 CMR 40.1000	Each	$0	
2.18			Consultant/Client Project Review Per Year	T&M	$0	
2.19			Public Involvement per 310 CMR 40.1400	T&M	$27,734	
2.20			Police Detail	T&M	$0	
2.21			Prepare Monitoring Well & Boring Logs	Per Log	$86	
2.22			Prepare Remedial Monitoring Form per 310 CMR 40.0000	Each	$578	
2.23			Site Cleanup Status Review			
	2.23.1		Site Cleanup Status Review Report	NTE	$1,836	
	2.23.2		Site Cleanup Status Review Meeting	NTE	$1,966	
3			**HEALTH AND SAFETY**			
3.1			Prepare a site specific Health and Safety Plan	Each	$225	
3.2			Update Health and Safety Plan	Each	$150	
3.5			Level C Personal Protective Equipment	Per Person / Per Hour	$17	
3.6			Confined Space Entry Equipment	Per Day	At Cost	
3.7			Air monitoring for petroleum product derived air contaminants. Project disciplines include labor to conduct air monitoring, field screening and supervision. Includes PID, oxygen/explosion meter, toxic gas monitoring and/or sampling equipment (air pump and calibrator) sample jars or Tedlar bags, sampling incidentals, color metric sampling equipment, sample collection, sample preparation, sample logging, sample storage, transportation of samples to laboratory, subcontractor coordination, field preparation, travel time and vehicle expense.			
	3.7.1		Full Day (greater than 6 hours including travel)	Per Day	$1,387	
	3.7.2		Half Day (up to 6 hours including travel)	Per ½ Day	$1,040	
4			**PRE-FIELD AND PROJECT IMPLEMENTATION ACTIVITIES (for site assessment)**			
4.1			Pre-field coordination activities. Project disciplines include the scheduling of field activities with personnel conducting field work and any other support operations, e.g. drillers, subcontractors, inspectors, and site owner/operator. Excludes obtaining soil boring/monitoring well permits due to variations in requirements set forth by different state and local agencies. See additional guidance.	Per Field Event	$555	
4.2			Pre-field activity site visit, Dig Safe site and mark all utilities. To include site visit to verify markings, if necessary.	Per Field Event	$347	
4.3			Post-field activity site Visit - See additional guidance	Per Field Event	$416	
4.4			Utility / Buried Equipment Location Survey & Plan Required - (using GPR, magnetometer, etc.). (Oversight costs to be coded to Task Code 9.10).	Per property, not including public roadways	$3,330	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
5			**OBTAIN PROPERTY ACCESS**			
5.1			Obtain property access - Project disciplines to include all labor, material, and documentation required for obtaining right of entry permits. To include contacting the property owner, local and/or state agencies by telephone to coordinate off-site access. Submit a standard access agreement letter and plan depicting proposed locations to the property owner, local and/or state agency. Provide standard installation guidelines and details for the proposed work. Provide copy(ies) of letters of denial to third parties when access denied. See Task Code 17 for Road Opening Permits.	Per Agreement or Addendum	$1,000	
6			**EXCAVATED SOILS MONITORING/HANDLING/REPORTING, BIOREMEDIATION, & IN-SITU CHEMICAL OXIDATION**			
6.1			Excavated Soil Field Monitoring - Project disciplines include labor to monitor excavated soils per 310 CMR 40.0000. Includes PID, oxygen/explosion meter, toxic gas monitoring equipment, sample jars, sampling incidentals, field screening of soil samples, sample collection, sample preparation, sample logging, sample storage, transportation of samples to laboratory, subcontractor coordination, field preparation, travel time, and vehicle expense. To include shoring oversight by PE or competent equivalent.			
	6.1.1		Full Day monitoring (greater than 6 hours including travel expense)	Per Day	$1,387	
	6.1.2		Half Day monitoring (up to 6 hours including travel expense)	Per ½ Day	$1,040	
	6.1.3		Soil Excavation Labor (refer to Task Code 1 for applicable hourly labor maximums, Task code 28-series for vehicles and heavy equipment, and Task code 6.6 for backfill materials. If bidded, then bids must include labor and equipment rate sheets.	Per Day	$2,427	
6.2			Disposal Management - Review laboratory results for waste characterization, prepare Manifest/Bill of Lading, LSP Certification, and contractor/client coordination, per 300 tons if bulk soil disposal.	NTE Per BOL, Per 300 tons	$693	
6.4			Soil Disposal/Soil Recycling and transportation (max 8,000 tons) NOTE: 1 cuyd equals approx. 1.5 tons of soil. Will be paid "At Cost" (i.e. no bid required) for disposal at licensed facilities located in New England and New York. For all other disposal facilities, a minimum of 3 BIDS must be solicited or a maximum of $70/ton will be allowed. (see Workbook)	At Cost	At Cost as noted	
6.5			Soil Disposal/Lined landfill and transportation (max 8,000 tons) NOTE: 1 cuyd equals approx. 1.5 tons of soil. Will be paid "At Cost" (i.e. no bid required) for disposal at licensed facilities located in New England and New York. For all other disposal facilities, a minimum of 3 BIDS must be solicited or a maximum of $70/ton will be allowed. (see Workbook)	At Cost	At Cost as noted	
	6.5.1		Soil Disposal/Unlined landfill and transportation	Per Ton	$0	
6.6			Backfill materials, including loam, sand, stone, etc. delivered to Site. See additional guidance. NOTE: 1 cubic yard equals approximately 1.5 tons of soil.	At Cost	At Cost	
6.7			Bioremediation - Ex or In-Situ Treatment includes all labor, material, equipment, bacteria, nutrients, water and other ingredients necessary for the bioremediation application. Project disciplines includes labor to conduct the bioremediation application, site supervision, subcontractor coordination, purchase of bioremediation application materials, e.g., bacteria, water, and nutrients, field preparation time and travel time. Volume of soil and/or groundwater to be treated is calculated on a cubic yard basis. See additional guidance. NOTE: 1 cubic yard equals approximately 1.5 tons of soil.	CU/YD	$25	
	6.7.1		Bioremediation or chemical application feasibility bench scale evaluation and report for groundwater.	NTE	$3,210	
	6.7.2		Bioremediation or chemical application feasibility bench scale-evaluation and report for groundwater and soil.	NTE	$5,136	
6.8			Oxygen Filter Socks for Monitoring Wells			
	6.8.1		Oxygen Filter Socks for 2" diameter Monitoring Wells	Per Foot	$35	
	6.8.2		Oxygen Filter Socks for 4" diameter Monitoring Wells	Per Foot	$52	
	6.8.3		Oxygen Filter Socks for 8" diameter Monitoring Wells	Per Foot	$91	
	6.8.4		Labor to replace/install Oxygen Filter Sock	Per Well	$60	
6.10			Oxygen Cylinder	At Cost	At Cost	
	6.10.1		Oxygen/nitrogen gas	At Cost	At Cost	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
6.11			Chemical Injections, includes travel time and equipment (excludes all chemicals see 6.11.3) (See Task Code 3.5 for health & safety equipment and Task Code 4.1 for pre-event coordination activities.)			
	6.11.1		Full Day (greater than 6 hours including travel up to and including 10	Per Day	$3,500	
	6.11.3		Chemicals	At Cost	At Cost	
6.13			Injection Oversight when injection event is subcontracted			
	6.13.1		Full Day (greater than 6 hours including travel)	Per Day	$1,950	
	6.13.2		Half Day (up to 6 hours including travel)	Per ½ Day	$1,450	
7			**PORTABLE G.C.**			
7.1			Portable G.C. for use on site, including operator and equipment incidentals, e.g. sample jars, standards, syringes, printer, carrier gas, regulator, etc. Includes travel time and vehicle expense. Analyses limited to total volatile hydrocarbons or aromatics in air, water or soil. All sample techniques and methods per applicable MassDEP poicies, guidelines and regulations. Provide report containing all printed data, QA/QC procedure, GC calibration records, and field notes.			
	7.1.1		Half Day Rate (6 hours or less including travel expenses)	Per Day	$948	
	7.1.2		Full Day Rate (Greater than 6 hours including travel expenses)	Per Day	$1,666	
	7.1.3		Weekly Rate (5 or more >6-hour days on site)	Per Week	$6,934	
	7.1.4		Analysis/Sampling Report	Each	$1,109	
	7.1.5		Tedlar Bags			
		7.1.5.1	1 Liter	Each	$21	
		7.1.5.2	3 Liter	Each	$25	
		7.1.5.3	5 Liter	Each	$27	
7.2			Passive Soil Gas Sensors, e.g. Gore Sorber or equivalent	Each	At Cost	
9			**DRILLING ACTIVITIES. Three (3) competitive bids may be obtained for work and/or materials covered by this task in place of or used in conjunction with the unit price(s) below.**			
9.1			Equipment mobilization/demobilization (same for all drilling types, includes travel for drill rig, support vehicles and personnel (per vehicle). Based on 8 hours on-site. Includes allowable markup as applicable.			
	9.1.1		1 - 50 Miles (radius)	Each	$420	
	9.1.2		>50 Miles (radius)	Each	$559	
	9.1.3		Overtime (Over 8 hours on site inclusive of drill rig, support vehicles, and drilling personnel, not for oversight labor).	Per Hour	$324	
9.2			Inspector oversight of field work including: Vacuum Excavation, Drilling, Rock Coring, Groundwater Monitoring Well, Recovery Well, SVE Well, and AS Point Installation and Soil Sampling - Project Disciplines include labor to conduct borehole logging, field screening, and site supervision. Includes PID, oxygen/explosion meter, toxic gas monitoring equipment, sample jars, sampling incidentals, field screening of soil samples, sample collection, sample preparation, sample logging, sample storage, transportation of samples to laboratory, subcontractor coordination, field preparation, travel time, and vehicle expense.			
	9.2.1		Full Day (greater than 6 hours including travel)	Per Day	$1,387	
	9.2.2		Half Day (up to and including 6 hours including travel)	Per ½ Day	$1,040	
9.3			Soil Borings, Sampling, and Monitoring, Recovery, SVE, AS well installation and completion. All labor and equipment are included under Task Codes 9.3.1.1 to 9.3.1.5. All materials for the construction of PVC wells / points are included under Task Codes 9.3.2.1 to 9.3.2.5. Air compressor and drums are not included. Refer to guidance for special materials not included. Includes allowable markup as applicable.			
	9.3.1		All labor and equipment [inclusive of drill rig and support vehicle(s)] required for the performance of soil borings, soil sampling, installation and completion of Monitoring, Recovery, SVE, and AS wells, and soil gas sampling points (day rates include well development, sawcutting, temporary groundwater well head make-up and pad labor, drumming labor, decontamination procedures, and general site restoration (per DEP WSC 310-91). Does not include grout pump and materials, see Task Code 9.3.5 or air compressor for air rotary drilling, see Task Code 28.			
		9.3.1.1	Direct Push	Per Day	$2,025	
		9.3.1.3	Hollow Stem Auger	Per Day	$2,079	
		9.3.1.4	Air Hammer Bit Wear	Per foot	$23	
		9.3.1.5	Hollow Stem Auger - ATV	Per Day	$2,214	
		9.3.1.6	Drilling ½-day rate	Per ½ Day	$1,620	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
	9.3.2		Except as noted, materials include all types of PVC riser and screen pipe, j-plugs, bentonite, and sand (excludes manholes/roadboxes) .			
		9.3.2.1	Direct push acetate liners (up to 5' in length)	Each	$15	
		9.3.2.2	<2" Monitoring, Injection, AS, SVE, Recovery Well	Per Foot	$12	
		9.3.2.3	2" to <4" Monitoring, Injection, AS, SVE, Recovery Well	Per Foot	$15	
		9.3.2.4	4" to <6" Monitoring, Injection, AS, SVE, Recovery Well	Per Foot	$23	
		9.3.2.5	6" Monitoring, Injection, AS, SVE, Recovery Well	Per Foot	$36	
		9.3.2.6	Bedrock Casing 6" or less	Per Foot	$59	
	9.3.3		Monitoring, SVE, AS, Recovery well roadbox (Installation not done in conjunction with drilling task), includes concrete pad, traffic-rated roadbox, and installation labor.	Per Well	$350	
		9.3.3.1	Monitoring, SVE, AS, Recovery well roadbox (Installation done in conjunction with drilling task), includes concrete pad, traffic-rated roadbox, and installation labor.	Per Well	$262	
	9.3.4		Monitoring, SVE, AS, Recovery well manhole (Installation not done in conjunction with drilling task), includes concrete pad, traffic-rated manhole, and installation labor.	Per Well	$467	
		9.3.4.1	Monitoring, SVE, AS, Recovery well manhole (Installation done in conjunction with drilling task), includes concrete pad, traffic-rated manhole, and installation labor.	Per Well	$379	
	9.3.5		Grouting (inclusive of pump and grout materials) labor included in 9.3.1.1 to 9.3.1.5.	Per Foot	$14	
9.4			Rock Coring/Sampling to assess competency of and classify bedrock (includes drill rig, materials, labor, grouting, drums, drumming labor, restoration of work area to original and decontamination procedures; saw cutting included in per foot cost, units are per boring and including steam cleaner).			
	9.4.1		HQ 2 7/8" or equivalent.	Per Foot	$24	
	9.4.2		PQ 3 7/8" or equivalent.	Per Foot	$42	
	9.4.5		Tripod Rig	Per Day	At Cost	
	9.4.6		Concrete coring		At Cost	
9.5			Vibratory/Slide Hand-held Hammer - Includes the cost for all labor and equipment to install soil, soil gas and groundwater sample collection points.	Per Day	$1,387	
	9.5.1		Materials for soil, soil gas and groundwater sample collection points by vibrating/slide hand-held hammer.	At Cost	At Cost	
9.6			Hand Auger for sample collection point installation or sample collection. Includes labor. Use Task Codes 9.3.2.1 - 9.3.2.4 for well materials.	Per Day	$1,387	
9.7			Well surveying			
	9.7.1		Surveying (un-licensed)			
		9.7.1.1	Half Day (6 hours or less including travel)	Per ½ Day	$1,150	
		9.7.1.2	Full Day (greater than 6 hours including travel)	Per Day	$1,820	
		9.7.1.3	Drafting - See additional guidance	Per Event	$722	
	9.7.2		Professional Survey			
		9.7.2.1	Half Day (6 hours or less including travel)	Per ½ Day	$1,806	
		9.7.2.2	Full Day (greater than 6 hours including travel)	Per Day	$3,467	
		9.7.2.3	Drafting - See additional guidance	Per Event	$1,445	
9.8			Professional Utility Survey - includes above and underground utilities, inverts, reference to most current datum and drafting.	NTE	$4,185	
9.9			Ground Penetrating Radar Survey & Report (for unregistered USTs see Workbook)	NTE	$2,675	
9.10			Survey Oversight	NTE Per Event	$1,040	
10			**MONITORING/RECOVERY WELL DEVELOPMENT (Per MassDEP WSC 310-91 MassDEP WSC 310-91 or most recent guidance/regulation). Includes allowable markup as applicable**			
10.1			Equipment mobilization/demobilization (includes oversight, drill rig, labor, materials, travel and steam cleaner, per vehicle) See Task Code 28 for liquids disposal. Includes allowable markup as applicable.			
	10.1.1		Equipment mobilization/demobilization 1-50 miles (radius)	Each	$389	
	10.1.2		Equipment mobilization/demobilization > 50 miles (radius)	Each	$518	
10.2			2" Well Development	Per Hour	$259	
10.3			4" Well Development	Per Hour	$259	
10.4			6-10" Well Development	Per Hour	$347	
10.5			12"-26" Well Development	Per Hour	$395	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
11			**GROUNDWATER GAUGING/BAILING AND SAMPLING (per MassDEP WSC 310-91.6)**			
11.1			Labor and equipment to perform inspection, gauging, sampling of wells and product bailing (if required), all sampling equipment, all gauging equipment, sample jars, sampling incidentals, sample preparation, sample logging, sample storage, transportation of samples to laboratory, travel time and vehicle expenses, instruments, and decontamination materials. POET System sampling should be coded under Task Code 23.			
	11.1.1		Includes all disciplines/vehicle and travel	NTE/Event	$750	
	11.1.2		Well gauging (include all related costs)	Per Well	$33	
	11.1.3		Well purging and sampling using hand bailer (incremental cost over gauging; include all related costs including field measurements)	Per Well	$101	
	11.1.5		Hand Bail NAPL	Per Well	$69	
	11.1.6		Field Filtration of Groundwater Sample (includes filter and labor)	Per Sample	$46	
	11.1.7		Field Measurements (DO, pH, Turbidity, Conductivity, Temperature, etc.). Not to be used if wells are sampled.	Per Well	$30	
	11.1.8		Well sampling using pump (incremental cost OVER gauging; include all related costs including field measurements)	Per Well	$116	
11.2			Additional Person to Sample Monitoring Wells Due to Safety Considerations	NTE/Hour	$86	
11.3			Disposable Bailer with VOC Sampler	Each	$12	
11.4			Surface Water and/or Sediment Sampling			
	11.4.1		Labor	Per Event	$2,592	
	11.4.2		Equipment	At Cost		
	11.4.3		Catch Basin Sampling	Per Event	$583	
11.5			Potable Well/Tap Sampling	Per Sample	$76	
11.6			Adsorbent Boom/Passive Skimmer Placement and/or Removal – Labor Only. Material cost of passive skimmer/ boom or sock should be coded under Task Code 29.	Per hour	$100	
12			**AQUIFER PUMP TEST**			
12.1			Perform an 8 hour step and/or a 12, 24 or 48-hour constant discharge pumping test: Subtasks shall include the following: • 2 Personnel to be on site at all times • Maximum of 10 data points to be evaluated • All equipment, materials and supplies • Equipment mobilization/demobilization • Disciplines travel • Field preparation (inc. all material and equipment) • 8 hour step discharge test • 12/24/48-hour constant discharge test with recovery • Coordinate storage of extracted groundwater (if required) • Test analysis, documentation and report • Project disciplines cost NOTE: For storage, disposal, or treatment operation of extracted water, refer to other pertinent task codes. See additional guidance.			
	12.1.1		Aquifer Pump Test			
		12.1.1.1	Step discharge (up to 8 hours)	NTE	$3,120	
		12.1.1.2	12 hour constant discharge	NTE	$4,045	
		12.1.1.3	24 hour constant discharge	NTE	$6,240	
		12.1.1.4	48 hour constant discharge	NTE	$11,325	
13			**RISING OR FALLING HEAD (SLUG) TEST / LNAPL BAIL DOWN TEST**			
13.1			Perform rising or falling head (slug) test;			
	13.1.1		Full Day (Greater than 6 hours on site)	Per Day	$2,658	
	13.1.2		Half Day (6 hours or less on site)	Per Day	$1,618	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
14			**SOIL VAPOR EXTRACTION / AIR SPARGING TESTING**			
14.1			Labor and equipment to perform VES and/or air sparge testing; Subtasks shall include the following: • Equipment mobilization/demobilization • Travel time and vehicle expense • Field preparation (inc. all material and equipment) • Data evaluation, documentation and report • Vapor transport modeling • Permitting • Project disciplines cost • Laboratory Analyses found under Task Code 27 • Equipment Rental found under Task Code 28 • Fluids disposal found under Task Code 28 See additional guidance			
	14.1.1		Conduct extraction test with air emissions treatment (<10" Hg)	NTE	$5,322	
	14.1.2		Conduct high vacuum extraction test with air emissions treatment (>10" Hg)	NTE	$6,656	
	14.1.3		Conduct sparge test in conjunction w/SVE test with air emissions treatment	NTE	$5,599	
	14.1.4		Conduct sparge test only w/existing SVE system	NTE	$4,050	
15			**REMEDIATION FEASIBILITY STUDIES (NET PRESENT VALUE)**			
15.1			Feasibility study - See additional guidance.			
	15.1.1		NPV analysis on 2 options	NTE	$555	
	15.1.2		NPV analysis for each additional item	NTE	$208	
16			**LEASE/PURCHASE ANALYSIS & BID SPECIFICATIONS**			
16.1			Lease vs. Purchase analysis per 503 CMR 2.10(c) - See additional guidance.	NTE	$416	
16.2			Bid Specification Preparation Time - See additional guidance.	Each	$4,160	
17			**REMEDIATION PERMITTING**			
17.1			Permit preparation, acquisition, and monitoring. Permit fees to governmental agencies are not reimbursable. Refer to Task Code 20 for utility permits			
	17.1.1		Discharge Permits			
		17.1.1.1	DRGP Emergency Authorization	Each	$578	
		17.1.1.2	DRGP - Formal Application/Remediation General Permit	Each	$5,000	
		17.1.1.3	MADEP - Surface Water Discharge Permit	Each	$1,941	
		17.1.1.4	Industrial discharge/POTW/MWRA Permit	Each	$2,496	
		17.1.1.5	Local Discharge Permit	Each	$1,156	
		17.1.1.6	Air Emissions Permit	Each	$1,109	
		17.1.1.7	Discharge Monitoring Reports			
		17.1.1.7.1	Initial Discharge Monitoring Report	Each	$480	
		17.1.1.7.2	Monthly Discharge Monitoring Report	Each	$381	
		17.1.1.7.3	Quarterly Discharge Monitoring Report	Each	$480	
		17.1.1.8	Remediation Dewatering - project disciplines include labor to monitor & operate groundwater remediation pumping and treatment equipment. Includes PID, oxygen explosion meter, toxic gas monitoring equipment, sample jars, sampling incidentals, field screening of water samples, and transportation of samples to laboratory, subcontractor coordination, field preparation and travel time. Includes up to and including 25.5 hours of labor on site with 1/2 hour overlap between shifts.	Per Day	$3,900	
	17.1.2		Building Permit	Each	$924	
	17.1.3		Wetlands Approval and/or Rivers Protection Act - Includes DEP required sign	Each	$4,715	
	17.1.4		Road Opening Permit / Trenching Permit	Each	$832	
		17.1.4.1	Prepare and Submit Traffic Plan to the State Department of Public Works	Each	$1,387	
	17.1.5		Other required permit	Each	$277	
	17.1.6		Dye Test to Confirm Outfall Location	Each	$462	

TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
18			**TRENCHING AND INSTALLATION OF UNDERGROUND PIPING AND EQUIPMENT AREA/ENCLOSURE FOR VES, AIR SPARGING AND/ OR GROUNDWATER EXTRACTION SYSTEM - Project Disciplines include labor to conduct field screening and site supervision. Includes PID, oxygen/explosion meter, toxic gas monitoring equipment, sample jars, sampling incidentals, field screening of soil samples, sample collection, sample preparation, sample logging, sample storage, transportation of samples to laboratory, subcontractor coordination, field preparation, travel time, and vehicle expense. Three (3) competitive bids may be obtained for any work and/or materials covered by these tasks in place of the unit price(s), or used in conjunction with the unit price(s). See Task Code 28-series for construction equipment and labor. Includes allowable markup as applicable.**			
18.1			Project disciplines cost - Full Day (greater than 6 hours including travel time) (supervision and oversight)	Per Day	$1,387	
18.2			Project disciplines cost - Half Day (6 hours or less including travel time) (supervision and oversight)	Per ½ Day	$1,040	
18.3			Installation Crew: Up to 4 people per day including 10 hours on site and inclusive of travel time. To be utilized in conjunction with other applicable Task Code 28-series. Use for all tasks associated with installation of underground piping, remediation infrastructures (i.e. shed and vaults), and site restoration activities.	Per Crew/ Per Day	$4,515	
18.4			Remediation system materials, including but not limited to pipe, fittings and adapters, glue, primer, backfill materials, asphalt, concrete and cement, final roadbox/manhole installation, etc.	At Cost	At Cost	
18.5			Remediation equipment compound and/or shed, including explosion proof lights & heater, slab/pad/footings, and fencing. For electrical installation, refer to Task Code 20.4	At Cost	At Cost	
20			**INSTALLATION OF UTILITIES FOR REMEDIATION SYSTEMS ONLY. (Includes allowable markup as applicable.)**			
20.1			Coordination of utility installation, including phone calls, permit applications and associated paperwork. Remediation systems to be metered separately from all other uses. Reimbursement per utility. Monthly utility bills are coded under 23.2. Site visits may also be included under task code 4.2	Per Utility	$693	
20.2			Utility installation costs from street to meter excluding federal, state or local governmental fees.	At Cost	At Cost	
20.3			Electrical Installation Crew to complete the electrical service and the remediation system installation, including labor for electrical work related to equipment components identified in Task Code 22. Three (3) competitive bids may be obtained for work and/or materials covered by this task in place of or used in conjunction with the unit price(s).	Per Day	$1,728	
20.4			Remediation System Electrical installation materials. (e.g. conduit, wire, breakers, service panel, mast for meter, etc) Purchase of Remediation System electrical control panel should be coded to Task Code 22.4	At Cost	At Cost	
22			**PURCHASE AND INSTALLATION OF COMPONENTS OF REMEDIATION SYSTEMS (INCLUDING PORTABLE, SKID-MOUNTED AND STAND ALONE SYSTEM COMPONENTS) NOTE: Three (3) competitive bids may be obtained for work and/or materials covered by these Task Codes in place of the unit price(s), or in conjunction with the unit price(s). Three (3) bids may be required for Task Code 22.4. See additional guidance. Includes allowable markup as applicable.**			
22.1			Removal and reinstallation of surface components of remediation systems (including portable, skid-mounted and stand alone system components).	NTE	$13,867	
22.2			Removal and/or storage of remediation equipment (including portable, skid mounted and stand alone system components).	NTE	$4,160	
22.3			Installation crew, travel time and vehicle expense	Per Day	$2,085	
22.4			Remedial System Equipment Purchase - Surface Components of Remediation Systems. This task code can only be used for single components <=$5,000 with a $25,000 system aggregate. Three bids are required for components >$5,000 and systems >$25,000. See additional guidance	At Cost	At Cost	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
23			**SVE AND GROUNDWATER REMEDIATION SYSTEMS OPERATION AND MAINTENANCE. Includes allowable markup as applicable.**			
23.1			General O&M of Remedial Systems - Project Disciplines include labor to obtain operational measurements of system, vapor and liquid sample collection, and routine system component maintenance. Includes PID/FID, pitot tube/rotameter, hand pump, sample jars, sampling incidentals, field screening of samples, sample preparation, sample logging, sample storage, transportation of samples to laboratory, subcontractor coordination, field preparation, travel time, and vehicle expenses (excludes labor and materials associated with groundwater monitoring, gauging, sampling, which are to use the task codes in Task Code 11).			
	23.1.1		Full Day is greater than 6 hours inclusive of travel time and expense. One hour total of project management/administrative time is allowed under this task code and is included in the day rate.	Per Day	$1,420	
	23.1.2		Half Day is up to 6 hours inclusive of travel time and expense. One hour total of project management/administrative time is allowed under this task code and is included in this half day rate.	Per ½ Day	$953	
	23.1.3		Extra Person on site to accomplish labor intensive tasks (i.e. Air stripper cleaning, air stripper packing replacement, moving equipment, etc) - Reason for extra person required with submission.	Per Hour	$75	
	23.1.4		Non-incidental operation and maintenance materials (filter elements, sequestering agents, chemical additives, etc.) This code is only for operation and maintenance materials	At Cost	At Cost	
23.2			Utilities - Metered separately from all other uses.	At Cost	At Cost	
23.3			Repair of system per year from system start-up, per year, including labor, see additional guidance	NTE	$9,245	
23.4			Cleaning Air Stripper Trays or Towers - (materials and disposal)			
	23.4.1		Packing replacement/disposal	At Cost	At Cost	
	23.4.2		Acid wash air stripper tray or tower	At Cost	At Cost	
23.5			Carbon treatment system			
	23.5.1		Carbon or <200 lbs Carbon vessel replacement (liquid or vapor phase / virgin or regenerated)	At Cost	At Cost	
	23.5.2		Carbon or <200 lb Carbon vessel - Disposal/reactivation	At Cost	At Cost	
23.6			Contaminated liquid removal and disposal			
	23.6.1		Contaminated (non hazardous)Water Disposal-Bulk - Includes labor	Per Gallon	$2.27	
	23.6.2		NAPL and Disposal	Per Gallon	$2.92	
	23.6.3		Sludge and Disposal-Bulk	Per Gallon	$13.11	
	23.6.4		Contaminated Water Disposal - 6 Drums Maximum	Per 55 Gal Drum	$303	
		23.6.4.1	Transportation of Drum(s)	Per Event	$525	
	23.6.5		Mixed Media Disposal/Nonrecyclable or Characteristic Hazardous Waste - 10 Drums Maximum	Per 55 Gal Drum	$1,691	
		23.6.5.1	Transportation of Drum(s)	Per Event	$525	
	23.6.6		Virgin Petroleum Oil Contaminated Soil - 10 Drums Maximum	Per 55 Gal Drum	$245	
		23.6.6.1	Transportation of Drum(s)	Per Event	$525	
23.7			Piping & Instrumentation Diagram (P&ID)	Per system	$1,716	
24			**CONCRETE WELL PAD/ROAD BOX/MANHOLE REMOVAL AND REPLACEMENT/REPAIR. Includes allowable markup as applicable.**			
24.1			Remove and replace concrete pad/manhole/road box/standpipe			
	24.1.1		Pad replacement (old and new pad elevation shall remain consistent, if appropriate) Task maximum for this activity is inclusive of travel time and equipment.			
		24.1.1.1	1 - 3 Pads	Per Pad	$412	
		24.1.1.2	> 3 Pads	Per Pad	$368	
	24.1.2		Replace traffic-rated roadbox or standpipe (<18" diameter) and pad (Includes pad replacement)			
		24.1.2.1	1 - 3 Roadbox	Each	$487	
		24.1.2.2	>3 Roadbox	Each	$449	
	24.1.3		Replace traffic-rated manhole (>=18" diameter) and pad (Includes pad replacement)			
		24.1.3.1	Manholes	At Cost	At Cost	
	24.1.4		Locking Monitoring Well Plugs as Replacement			
		24.1.4.1	2" Diameter	Each	$23	
		24.1.4.2	4" Diameter	Each	$35	
		24.1.4.3	6" Diameter	Each	$47	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
	24.1.5		Replacement monitoring well covers with O-rings			
		24.1.5.1	4" Diameter	Each	$35	
		24.1.5.2	6" Diameter	Each	$41	
		24.1.5.3	8" Diameter	Each	$44	
		24.1.5.4	12" Diameter	Each	$64	
		24.1.5.5	Labor for Well cover repair	Each	$60	
	24.1.6		Equipment mobilization/demobilization (per vehicle) box/pad replacement (includes equipment travel)			
		24.1.6.1	Equipment mobilization/demobilization 1-50 miles (radius)	Each	$420	
		24.1.6.2	Equipment mobilization/demobilization > 50 miles (radius)	Each	$559	
25			**WELL ABANDONMENT. Includes allowable markup as applicable.**			
25.1			Equipment mobilization/demobilization (includes equipment travel)			
	25.1.1		Equipment mobilization/demobilization 1-50 miles (radius)	Each	$420	
	25.1.2		Equipment mobilization/demobilization > 50 miles (radius)	Each	$559	
25.2			Inspector oversight of field work including: Project Disciplines include labor to oversee well abandonment including subcontractor coordination, field preparation, travel time, and vehicle expense.			
	25.2.1		Full Day (greater than 6 hours including travel)	Per Day	$1,387	
	25.2.2		Half Day (up to and including 6 hours including travel)	Per ½ Day	$1,040	
25.3			Well abandonment by pressure grouting			
	25.3.1		2" Diameter well	Per Foot	$21	
	25.3.2		4" Diameter well	Per Foot	$23	
	25.3.3		6" Diameter well	Per Foot	$27	
	25.3.4		8" Diameter well	Per Foot	$33	
25.4			Well abandonment by drill out and grout method (all per foot costs, clean-up) For surface restoration, use Task Code 24.			
	25.4.1		2" Diameter well	Per Foot	$21	
	25.4.2		4" Diameter well	Per Foot	$27	
	25.4.3		6" Diameter well	Per Foot	$33	
	25.4.4		8" Diameter well	Per Foot	$40	
25.5			DEP Report submitted by Massachusetts Licensed Driller	Per Report	$130	
26			**DEP AND MCP REQUIRED MEETINGS AND OUT OF SCOPE TRAVEL**			
26.1			All disciplines: labor, equipment, and travel cost (including all related hrs.) for DEP meetings. See additional guidance.			
	26.1.1		0 - 50 Miles (radius)	NTE/Per Event	$465	
	26.1.2		51 - Maximum 100 Miles (radius)	NTE/Per Event	$615	
	26.1.3		DEP Requested Meetings	Each	$1,387	
		26.1.3.1	DEP Information Gathering & Response	NTE/Per Event	$1,387	
		26.1.3.2	Audit Follow-Up Plan per 310 CMR 40.1160	NTE/Per Event	$2,496	
		26.1.3.3	Audit Follow-Up Plan Completion Statement per 310 CMR 40.1170	NTE/Per Event	$3,467	
	26.1.4		Post Site Closure DEP Audit	NTE	$1,387	
26.2			LSP Site Visit (includes labor, travel time and vehicle) One visit per year. (See Workbook guidance for additional visits.)	Per visit	$1,095	
27			**LABORATORY ANALYSIS (Includes allowable markup)**	**UOM**		
27.1			**GENERAL CHEMISTRY**			
	27.1.3		Oil & Grease	Each	$92	
	27.1.5		pH	Each	$16	
	27.1.6		Total Organic Carbon	Each	$54	
	27.1.8		Turbidity	Each	$22	
		27.1.8.1	Total Dissolved Solids.	Each	$22	
		27.1.8.2	Total Suspended Solids	Each	$22	
		27.1.8.3	Total Settleable Solids.	Each	$22	
	27.1.10		Salinity	Each	$22	
	27.1.11		Total Kjeldahl Nitrogen	Each	$49	
	27.1.12		Nitrogen, Nitrate	Each	$27	
	27.1.13		Nitrogen, Nitrite	Each	$27	
	27.1.14		Nitrogen Ammonia	Each	$32	
	27.1.15		Total Phosphorous	Each	$32	
	27.1.16		Percent Moisture	Each	$27	
	27.1.17		Sulfate US EPA Method 375.40 (Groundwater Only)	Each	$27	
	27.1.18		Chloride US EPA Method 325.1 or Standard Methods 4500-CLB (Groundwater Only)	Each	$27	
	27.1.20		MBAS (Surfactants)	Each	$81	
	27.1.21		Sulfide	Each	$32	
	27.1.25		Phenolics	Each	$41	
	27.1.27		Total Residual Chlorine	Each	$22	
	27.1.28		Specific Conductance	Each	$22	
	27.1.29		CTAS Surfactants	Each	$154	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
27.2			**MICROBIOLOGY**			
	27.2.1		Bioremediation parameters			
		27.2.1.1	Total Viable Organisms (HTPC)	Each	$70	
		27.2.1.5	Petroleum & BTEX Degraders	Each	$135	
		27.2.1.6	Biological Oxygen Demand	Each	$46	
		27.2.1.7	Chemical Oxygen Demand	Each	$29	
		27.2.1.8	CO2 (Carbon Dioxide)	Each	$36	
27.3			**METALS & MINERALS**			
	27.3.1		Aluminum	Each	$16	
	27.3.2		Antimony	Each	$16	
	27.3.3		Arsenic	Each	$16	
	27.3.4		Barium	Each	$16	
	27.3.5		Beryllium	Each	$16	
	27.3.6		Boron	Each	$16	
	27.3.7		Cadmium	Each	$16	
	27.3.8		Calcium	Each	$16	
	27.3.9		Chromium, Total	Each	$16	
	27.3.10		Chromium, Hexavalent	Each	$45	
	27.3.10.1		Chromium, Trivalent	Each	$92	
	27.3.12		Copper	Each	$16	
	27.3.13		Total Iron (Total FE)	Each	$24	
		27.3.13.1	Ferrous Iron (FE2)	Each	$39	
		27.3.13.2	Ferric Iron (FE3)	Each	$71	
	27.3.14		Lead	Each	$19	
		27.3.14.1	Tetra-ethyl Lead. This is an additional method applicable to water only. Method ASTM E3341-91M	Each	$162	
	27.3.16		Magnesium	Each	$16	
	27.3.17		Manganese	Each	$16	
	27.3.18		Mercury	Each	$16	
	27.3.19		Molybdenum	Each	$16	
	27.3.20		Nickel	Each	$16	
	27.3.21		Potassium	Each	$16	
	27.3.22		Selenium	Each	$16	
	27.3.23		Silver	Each	$16	
	27.3.24		Sodium	Each	$16	
	27.3.29		Zinc	Each	$16	
	27.3.30		RCRA 8 Metals - AS/BA/CD/CR/PB/HG/SE/AG *	Each	$118	
	27.3.31		Priority Pollutant Package (13) AS/SB/BE/CD/CR/CU/NI/PB/HG/SE/AG/TL/ZN	Each	$172	
	27.3.32		MCP 13 Metals	Each	$181	
	27.3.33		MCP 14 Metals	Each	$201	
27.4			**GAS CHROMATOGRAPHY**			
	27.4.2		Purgeable Aromatics	Each	$90	
	27.4.4		BTEX & MTBE	Each	$94	
	27.4.5		Volatile Organic Analysis & MTBE-GCMS or other EPA Method	Each	$210	
	27.4.6		Methanol	Each	$81	
		27.4.6.1	Oxygenates (DIPE, ETBE, TBA, TAME)	Each	$174	
		27.4.6.2	Ethanol	Each	$178	
		27.4.6.2.1	Ethanol Add on	Each	$16	
	27.4.7	27.4.7.1	Methane, Ethane & Ethene (ME&E) US EPA Method 8015/RSKERR	Each	$160	
	27.4.8		Semi-volatile organic analysis	Each	$356	
		27.4.8.1	Methylphenol (Add On)			
		27.4.8.2	Semi-volatile MCP List	Each	$356	
	27.4.9		Semi-Volatile Petroleum Hydrocarbons/GCFID (Diesel Range)	Each	$122	
	27.4.10		GCFID Fingerprint	Each	$97	
	27.4.11		Pesticides (Priority Pollutant)	Each	$122	
	27.4.12		PCB's	Each	$102	
	27.4.14		BTEX, Ethers (MTBE, DIPE) Add on	Each	$92	
	27.4.15		Polynuclear Aromatic Hydrocarbons (PAH)	Each	$148	
		27.4.15.1	Polynuclear Aromatic Hydrocarbons (PAH) By SIM	Each	$160	
	27.4.16		**AIR SAMPLE ANALYSIS**			
		27.4.16.1	BTEX & MTBE	Each	$103	
		27.4.16.2	Volatile Petroleum Hydrocarbons/ Gasoline Range & Methane	Each	$130	
		27.4.16.3	Polynuclear Aromatic Hydrocarbons by GC/MS	Each	$270	
		27.4.16.4	Petroleum Hydrocarbons/Diesel Fuel Range	Each	$135	
	27.4.17		**AIR SAMPLE ANALYSIS - INDOOR AIR QUALITY**			
		27.4.17.1	BTEX & MTBE - includes Summa Canister	Each	$518	
		27.4.17.1.2	TO15 (TO14 + 15 TICS)	Each	$313	
		27.4.17.2	Volatile Petroleum Hydrocarbons/ Gasoline Range			
		27.4.17.2.2	Includes Summa Canister	Each	$324	
		27.4.17.3	DEP Air Petroleum Hydrocarbons (Draft Method)			
		27.4.17.3.1	SUMMA Canister - DEP Method - Normal Turnaround	Each	$418	
		27.4.17.3.3	Tenax Tubes - DEP Method - Normal	Each	$459	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
	27.4.18		DEP VPH	Each	$117	
		27.4.18.1	Method 5035 -Soil Preservation Kit for Unknown or Low Level Concentrations	Each	$16	
		27.4.18.3	Method 5035 - Soil Preservation Kit for Medium Level Concentrations	Each	$16	
	27.4.27		DEP EPH	Each	$202	
	27.4.28		Methane (US EPA Method 8015M/EP18/TO3)	Each	$170	
27.5			**RCRA WASTE CHARACTERIZATION**			
	27.5.1		Ignitability (flash point)	Each	$36	
	27.5.2		Corrosivity (as pH)	Each	$15	
	27.5.3		Cyanide Reactivity	Each	$59	
	27.5.4		Sulfide Reactivity	Each	$59	
	27.5.5		Paint Filter	Each	$17	
	27.5.6		TCLP Extraction-Add on	Each	$58	
	27.5.7		Zero Headspace Extraction	Each	$52	
	27.5.8		Metal Extraction	Each	$35	
	27.5.9		Alkalinity	Each	$24	
	27.5.10		TCLP Metals	Each	$103	
27.6			**DRINKING WATER ORGANICS**			
	27.6.4		Ethylene Dibromide/1,2 Dibromo-3-Chloropropane	Each	$86	
	27.6.9		Volatile Organic Analysis (Task Code eliminated - see TC 27.4.5)	Each		
	27.6.10		Semi-Volatile Organic Analysis	Each	$307	
27.8			**PETROLEUM HYDROCARBONS**			
	27.8.1		Total Petroleum Hydrocarbons (TPH)	Each	$92	
27.9			**GEOTECHNICAL ANALYSES**			
	27.9.1		Sieve/Hydrometer Grain Size Analysis (gradation)	Each	$135	
	27.9.2		Bulk Density	Each	$135	
	27.9.3		Flexible Wall Permeability	Each	$335	
27.10			Laboratory Add On			
	27.10.1		Groundwater Sample Filtration	Each	$17	
	27.10.3		MCP Data Package	Each	$59	

28			**EQUIPMENT RENTAL: Equipment can be rented/leased for up to six (6) months without conducting a purchase/lease analysis. A purchase/lease analysis must be conducted by the end of 6 months. Includes allowable markup.**	UOM		
28.1			Soil Vapor Extraction Module with vacuum blower, moisture separator and controls.			
	28.1.1		100-150 scfm			
		28.1.1.1	Daily		$81	
		28.1.1.3	Monthly		$972	
	28.1.2		150-250 scfm			
		28.1.2.3	Monthly		$1,620	
	28.1.3		250-400 scfm			
		28.1.3.1	Daily		$216	
		28.1.3.3	Monthly		$2,592	
	28.1.4		400-550 scfm			
		28.1.4.3	Monthly		$3,240	
28.2			Portable Air Compressor, Diesel or Gasoline Powered (includes fuel)			
	28.2.1		100 - 299 scfm			
		28.2.1.1	Daily		$311	
		28.2.1.3	Monthly		$2,588	
	28.2.2		300 - 750 scfm			
		28.2.2.1	Daily		$497	
	28.2.3		751-900 scfm			
		28.2.3.1	Daily		$621	
		28.2.3.2	Weekly		$2,174	
		28.2.3.3	Monthly		$9,315	
	28.2.4		901-1,400 scfm			
		28.2.4.1	Daily		$932	
28.3			Backhoe/Loader, rubber tire			
	28.3.1		Hourly		$103	
	28.3.2		Daily		$760	
	28.3.3		Weekly		$2,660	
28.4			Excavator, track			
	28.4.1		Hourly		$157	
	28.4.2		Daily		$1,160	
	28.4.3		Weekly		$4,060	
28.5			Exhaust Fan, 10" Explosion Proof			
	28.5.1		Daily		$29	
	28.5.2		Weekly		$102	
	28.5.3		Monthly		$437	
28.6			Exhaust Fan, 20" Explosion Proof			
	28.6.1		Daily		$76	
	28.6.3		Monthly		$1,137	
28.7			Equipment Enclosure 8' x 20'			
	28.7.2		Monthly		$933	

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TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
28.9			Generator (Excluding fuel)			
	28.9.1		3.5 kw			
		28.9.1.1	Daily		$181	
		28.9.1.2	Weekly		$635	
	28.9.2		6.5 kw			
		28.9.2.1	Daily		$238	
		28.9.2.3	Monthly		$3,564	
	28.9.3		10 to 24 kw			
		28.9.3.1	Daily		$362	
		28.9.3.2	Weekly		$1,266	
	28.9.4		25 to 49 kw			
		28.9.4.1	Daily		$405	
		28.9.4.2	Weekly		$1,418	
		28.9.4.3	Monthly		$6,075	
	28.9.6		Fuel	At Cost	At Cost	
	28.9.7		Motor Oil	At Cost	At Cost	
28.10			Jack Hammer, pneumatic 90 lb.			
	28.10.1		Hourly		$54	
	28.10.2		Daily		$375	
28.11			Discharge Hose			
	28.11.1		3/4" X 50'			
		28.11.1.3	Monthly		$49	
	28.11.2		2" X 50'			
		28.11.2.1	Daily		$43	
		28.11.2.2	Weekly		$151	
		28.11.2.3	Monthly		$648	
	28.11.3		3" X 50'			
		28.11.3.1	Daily		$65	
		28.11.3.2	Weekly		$227	
28.12			Skid Steer Loader or Mini Excavator			
	28.12.1		Skid Steer Loader (with bucket/blade)			
		28.12.1.1	Daily		$837	
		28.12.1.2	Weekly		$2,930	
		28.12.1.3	Monthly		$12,555	
		28.12.1.4	Hydraulic attachment (e.g. hammer, excavator, sweeper)	Per Day	$324	
	28.12.2		Mini Excavator (up to 9 metric tons)			
		28.12.2.1	Daily		$837	
		28.12.2.2	Weekly		$2,930	
		28.12.2.3	Monthly		$12,555	
28.13			3 to 4 Yard Loader, Front-end			
	28.13.1		Daily		$1,166	
	28.13.2		Weekly		$4,082	
28.14			Mounted LEL Sensor			
	28.14.1		Daily		$41	
	28.14.3		Monthly		$268	
28.15			Pump, Construction/Dewatering			
	28.15.1		1 hp			
		28.15.1.1	Daily		$52	
		28.15.1.2	Weekly		$181	
		28.15.1.3	Monthly		$622	
	28.15.2		2 hp			
		28.15.2.1	Daily		$70	
		28.15.2.2	Weekly		$245	
		28.15.2.3	Monthly		$933	
	28.15.3		3 hp			
		28.15.3.1	Daily		$87	
		28.15.3.2	Weekly		$350	
		28.15.3.3	Monthly		$1,050	
	28.15.4		5 hp			
		28.15.4.1	Daily		$93	
		28.15.4.2	Weekly		$373	
		28.15.4.3	Monthly		$484	
	28.15.5		10 hp			
		28.15.5.1	Daily		$292	
		28.15.5.2	Weekly		$1,021	
		28.15.5.3	Monthly		$2,916	

Appendix 3 Reimbursement Fee Schedule - Effective March 1, 2023

TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
28.16			Oil/Water Separator/Storage Tank			
	28.16.1		0-50 gpm w/ 280 Gallon Storage			
		28.16.1.3	Monthly		$2,100	
		28.16.1.4	Coalescing Pack	At Cost	At Cost	
	28.16.2		51-100 gpm w/ 550 Gallon Storage			
		28.16.2.3	Monthly		$2,799	
		28.16.2.4	Coalescing Pack	At Cost	At Cost	
	28.16.3		>100 gpm w/ 1,000 Gallon or Greater Storage			
		28.16.3.2	Weekly		$1,166	
		28.16.3.3	Monthly		$3,499	
		28.16.3.4	Coalescing Pack	At Cost	At Cost	
	28.16.4		Mobile Tanker (separator 5,000-8,800 gallons)			
		28.16.4.1	Daily		$292	
		28.16.4.3	Monthly		$2,100	
28.17			Internal Combustion Engine			
	28.17.1		Daily		$467	
	28.17.3		Monthly		$5,599	
	28.17.4		Fuel	At Cost	At Cost	
	28.17.5		Thermal Oxidizer			
		28.17.5.3	Monthly		$5,599	
	28.17.6		Thermal Oxidizer/Catalytic Converter			
		28.17.6.3	Monthly		$6,998	
	28.17.7		Tractor, truck			
		28.17.7.1	Daily		$907	
		28.17.7.2	Weekly		$3,175	
		28.17.7.3	Monthly		$13,608	
	28.17.8		Trailer/Low bed			
		28.17.8.1	Daily		$130	
		28.17.8.2	Weekly		$359	
		28.17.8.3	Monthly		$1,539	
	28.17.9		Water Tanker			
		28.17.9.3	Potable, Spring or Well Water	At Cost	At Cost	
	28.17.10		Truck, (6 Wheel) 2 to 10 Yard Dump			
		28.17.10.1	Daily		$1,037	
		28.17.10.2	Weekly		$3,629	
		28.17.10.3	Monthly		$15,552	
		28.17.10.4	Hourly		$104	
	28.17.11		Truck, (10 Wheel) 20 Yard Dump			
		28.17.11.1	Daily		$1,318	
		28.17.11.2	Weekly		$4,612	
		28.17.11.3	Monthly		$19,764	
		28.17.11.4	Hourly		$132	
	28.17.13		General vehicle (Pickup Truck, passenger vehicle, van)			
		28.17.13.1	Daily		$162	
		28.17.13.2	Weekly		$567	
	28.17.14		Truck, Maintenance/Boom/Bucket			
		28.17.14.1	Daily		$944	
		28.17.14.2	Weekly		$3,304	
		28.17.14.3	Monthly		$7,776	
	28.17.15		Truck, Mobile Shop/Box - vehicle only			
		28.17.15.1	Daily		$233	
28.18			Treatment Systems			
	28.18.1		Air Stripper with associated piping, flow controls, and flow meter			
		28.18.1.1	0 - 25 gpm			
		28.18.1.1.1	Daily		$117	
		28.18.1.1.3	Monthly		$1,400	
		28.18.1.2	26 - 50 gpm			
		28.18.1.2.3	Monthly		$2,100	
		28.18.1.3	> 50 gpm			
		28.18.1.3.1	Daily		$292	
		28.18.1.3.2	Weekly		$1,166	
	28.18.2		Liquid Phase Carbon Canisters excluding granular activated carbon, unless otherwise noted. See Task code 23 for carbon.			
		28.18.2.1	55 Gallon drum, 5 psig max design pressure, 0-10 gpm, up to 185 lbs of carbon included.			
		28.18.2.1.3	Monthly - one month maximum reimbursement		$420	
		28.18.2.2	Pressure vessel, 150 psig max design pressure, 0-25 gpm, 125-200 lbs of carbon required to fill vessel			
		28.18.2.2.3	Monthly		$700	
		28.18.2.3	Pressure vessel, 150 psig max design pressure, 0-35 gpm, 400-600 lbs of carbon required to fill vessel			
		28.18.2.3.3	Monthly		$875	
		28.18.2.4	Pressure vessel, 75 psig max design pressure, 0-50 gpm, 800-1200 lbs of carbon required to fill vessel			
		28.18.2.4.1	Daily		$117	
		28.18.2.4.2	Weekly		$583	

Appendix 3 Reimbursement Fee Schedule - Effective March 1, 2023

TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
		28.18.2.4.3	Monthly		$2,041	
		28.18.2.5	Pressure vessel, 75 psig max design pressure, 0-75 gpm, 1500-2000 lbs of carbon required to fill vessel			
		28.18.2.5.2	Weekly		$875	
		28.18.2.5.3	Monthly		$2,916	
	28.18.3		Vapor phase carbon canisters offgas treat system excluding granular activated carbon unless otherwise noted. See Task Code 23			
		28.18.3.1	55 Gallon drum, 5 psig design pressure, 0-100 cfm of air flow			
		28.18.3.1.1	Daily		$23	
		28.18.3.1.3	Monthly - one month maximum reimbursement		$653	
		28.18.3.2	Pressure vessel, 15 psig design pressure, 0-300 cfm of air flow, 300-500 lbs of carbon required to fill vessel			
		28.18.3.2.3	Monthly		$700	
		28.18.3.3	Pressure vessel, 15 psig design pressure, 0-500 cfm of air flow, 800-1000 lbs of carbon required to fill vessel			
		28.18.3.3.3	Monthly		$840	
		28.18.3.4	Pressure vessel, 15 psig design pressure, 0-1000 cfm of air flow, 1800-2000 lbs of carbon required to fill vessel			
		28.18.3.4.1	Daily		$82	
		28.18.3.4.3	Monthly		$980	
		28.18.3.5	Pressure vessel, 15 psig design pressure, 0-1500 cfm of air flow, 2200-2500 lbs of carbon required to fill vessel			
		28.18.3.5.2	Weekly		$373	
		28.18.3.5.3	Monthly		$1,120	
		28.18.3.6	Pressure vessel, 29.9 inches vacuum of mercury max, 0-1000 cfm of air flow, 1800-2000 lbs of carbon required to fill vessel			
		28.18.3.6.1	Daily		$93	
		28.18.3.6.2	Weekly		$373	
		28.18.3.6.3	Monthly		$1,120	
	28.18.4	28.18.4	Liquid Vacuum Truck with Operator	Per Hour	$232	
		28.18.4.1	Vactor Solids Excavator with Operator	Per Hour	$202	
		28.18.4.2	Trailer Mounted Air Excavator with Operator	Per Hour	$137	
		28.18.4.3	Monthly EFR-Up to 2 Events per month for a maximum of 6 months - See additional Workbook guidance	Per Event	$4,082	
	28.18.5		Liquid Disposal	Per Gallon	$2	
		28.18.5.1	Frac Tanks (21,000 Gallon)			
		28.18.5.1.1	Daily		$146	
		28.18.5.1.2	Weekly		$583	
		28.18.5.1.3	Monthly		$2,100	
		28.18.5.1.4	Mob or DeMob Per Tank	NTE	$700	
		28.18.5.1.5	Decontamination of Frac Tank	T & M/NTE	$4,320	
	28.18.6		Mobile Groundwater Treatment Trailer with oil/water separator, liquid phase granular activated carbon vessels, transfer pump, heater and electrical controls. Up to 50 gallons per minute.			
		28.18.6.1	Daily		$292	
		28.18.6.2	Weekly		$1,166	
		28.18.6.3	Monthly		$3,499	
	28.18.7		Mobile Groundwater Treatment Trailer with oil/water separator, liquid phase granular activated carbon vessels, up to 50 gallons per minute, transfer pump, heater and electrical controls. With soil vapor extraction module for 100 cfm flow rate with vapor phase granular activated carbon vessel.			
		28.18.7.1	Daily		$467	
		28.18.7.2	Weekly		$1,866	
		28.18.7.3	Monthly		$5,599	
28.19			Turbine Meters - Combined totalizer and flow rate			
	28.19.1		1/2" Diameter Turbine Meter			
		28.19.1.1	Daily		$35	
		28.19.1.3	Monthly		$105	
	28.19.2		1" Diameter Turbine Meter			
		28.19.2.3	Monthly		$105	
	28.19.3		1 1/2" Diameter Turbine Meter			
		28.19.3.3	Monthly		$111	
	28.19.4		2" Diameter Turbine Meter			
		28.19.4.3	Monthly		$117	
28.20			10 Ton Vibratory Roller or equivalent			
	28.20.1		Daily		$875	
	28.20.2		Weekly		$3,499	
28.21			Portable Vibratory Plate Compactor			
	28.21.1		Daily		$292	
	28.21.2		Weekly		$1,166	

Appendix 3 Reimbursement Fee Schedule - Effective March 1, 2023

TASKS			ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision
28.22			Traffic Controls			
	28.22.1		Daily		$875	
	28.22.2		Weekly		$4,374	
	28.22.3		Monthly		$18,371	
	28.22.4		Fuel	At Cost	At Cost	
	28.22.5		Delivery & Pick-up of Traffic Controls	Each	$350	
28.23			Electric or Pneumatic Submersible Pump Rental with Controls			
	28.23.1		Daily		$58	
	28.23.2		Weekly		$233	
	28.23.3		Monthly		$700	
28.24			Electric or Pneumatic Non-Aqueous Phase Liquid Pump Rental with Controls			
	28.24.3		Monthly		$700	
28.25			Air Sparging Compressor Rental with Controls up to 30 cfm @ 15 psi			
	28.25.3		Monthly		$700	
28.26			Air Sparging Compressor Rental with Controls up to 50 cfm @ 15 psi			
	28.26.2		Weekly		$350	
	28.26.3		Monthly		$1,050	
28.27			Asphalt/Concrete Cutting Saw, self-propelled (includes blade wear)	Per Day	$525	
28.28			Trench Box/Pnuematic Shoring (includes mobilization/demobilization)	At Cost	At Cost	
28.29			Roll-off container (includes liner, cover, mobilization)	At Cost	At Cost	
29			**MISCELLANEOUS MATERIALS Includes allowable markup as applicable.**			
29.1			Passive Skimmers/Absorbent Booms/Socks	At Cost	At Cost	
29.2			Absorbent Pads	At Cost	At Cost	
29.3			Drums, 55-Gallon (incl gaskets, bolts, seals, bungs, etc)	Each	$135	
29.4			Drums, 35-Gallons (incl gaskets, bolts, seals, bungs, etc)	Each	$135	
29.5			Drum Liners	Each	$29	
29.6			85-95 Gallon Overpack Drum	Each	$313	
29.7			Granular Absorbent (excludes activated carbon)	At Cost	At Cost	
29.8			Barrier Tape	100'	$7	
29.9			Orange Safety Fence 30"-48" high with posts	100'	$292	
29.10			Hay Bales	Each	$8	
29.11			Poly sheeting for stockpile	At Cost	At Cost	
29.12			Double-staked hay bale with silt fence, installed	per foot	At Cost	
29.13			Straw wattle - 12-inch diameter, installed	per foot	At Cost	
29.14			Replacement of damaged padlocks	At Cost	At Cost	
30			**SALES TAX**			
30.1			State Sales Tax	At Cost	At Cost	
31			**FREIGHT**			
31.1			Freight	At Cost	At Cost	
			NOTE: Gaps in task code number sequencing indicates the missing task code has either been eliminated or reassigned.			

Appendix 3 Reimbursement Fee Schedule - Effective March 1, 2023

TASKS	ITEM DESCRIPTION	UOM	MAXIMUM ALLOWED	2024 Work Group Proposed Revision

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