

## REMTECH EMERGENCY RESPONSE & SITE REMEDIATION RESOURCE INVENTORY

January, 2021



OSRO Contractor Number: 382

Location: N 33 deg. 57.2064', W 84 deg. 31.3087'

Address: 200 Cobb Parkway North, Suites 202 & 208, Marietta, GA 30062

Item	Units	EDRC, gpd
<b>Personnel</b>		
Hazwopper & Incident Commander Trained Supervisors & Responders	18	
<b>Facilities</b>		
Corporate Headquarters in Marietta, Georgia	1	
Warehouse, Site Remediation, Emergency Response Equipment & Manufacturing Facility, 18,000 sf		
<b>Communications, Navigation, &amp; GPS Equipment</b>		
Cell Phones	10	
IPads	3	
Navionics Marine & Land Navigation Software with Photo & GPS Plotting	4	
Navigon Navigational Software	4	
Google Earth Navigational Software	4	
Topo Maps, US 15-minute Digital Maps with GPS Navigation & Plotting	4	
Video Conferencing/Streaming Units	4	
Portable Computers with GPS, Aircards, and Internet Access	8	
Radios, Marine	7	
<b>Booms</b>		
<b>River Curtain Boom (6 - 18 inch), Acme, Universal Slide, 4" x 6", Height, 10", If</b>	4,000	
Warehouse (750 ft river, 675 ft mini), If		
<b>18 ft ER trailer (25 ft mini); 20 ft Confined Space Trailer (25 ft mini), If</b>		
<b>River Curtain Boom (6 - 18 inch), Acme, Univ. Slide, 2.5" x 4" x 6, Height, 7", If</b>	1,000	
<b>River Curtain Boom (6 - 18 inch), Acme, Univ. Slide, 4" x 6", Height, 10", offsite, If</b>	1,000	
<b>Sorbent Boom, 6" height</b>	1,600	
<b>Rapid Deployment Boom/Boat 16 ft Trailer, 1,000 ft river boom, 300 ft mini boom</b>	1	
10 Hp Mercury Outboard Motor, 55 lb trow. motor, boom connections & anchors		
<b>Rapid Deployment Boom/Boat Skimmer Recovery 20 ft Trailer, 600 ft river boom, 300 ft mini boom,</b>	1	
15 Hp Mercury Outboard, 2 shallow weir skimmers, 1 deep water weir skimmer, 1 Elastic Drum skimmer, 10 KW generator, boom tows, boom anchors		
<b>Beach Cleaners</b>		
Floating Washdown Pump, ACME FS150A, 7 Hp motor, 100 ft 1.5" hose with floats	1	
Sorbent Pads, CEP, 18" x 18" oil sorbent pad bales, 100/bale	67	

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
Sorbent Rolls, CEP, 36" x 100 ft, oil sorbent rolls	25	
Sorbent Socks, CEP, 3" x 4 ft, oil sorbent	10	
Sorbent Pillows, CEP, 6" x 2 ft, oil sorbent	20	
<b>Dispersants/Bioremediation Agents</b>		
HC-2000 Biostimulation Agent, gal (Remtech Proprietary)	825	
Simple Green, gal	55	
Microblaze, gal	5	
Purple Power, gal	55	
<b>Vessels</b>		
Jon Work Boat, Tracker, 14 ft, Warehouse	1	
Jon Work Boat, Tracker, 14 ft, 15 HP Mercury Outboard, 20 ft Recovery Trailer	1	
Jon Work Boat, Tracker, 14 ft, 10 HP Mercury Outboard, 16 ft Rapid Deploy Trailer	1	
Jon Work Boat, Tracker, 18 ft, 40 HP Outboard Motor, GA 6041EX, LKS Canton	1	
Jon Work Boat, Tracker, 14 ft, GA1039RY, 15 Hp Mercury Outboard, Boom Trailer	1	
Jon Work Boat, 10 ft, 16 ER Trailer	1	
<b>Vessels, Continued</b>		
Pantoon Boat, 25 ft, 200 Hp Mercury Outboard, Lake Lanier	1	
Motor, Trowing 55 lb	2	
Motor, Trowing 30 lb	1	
Anchors	10	
Anchor/Boom Buoys	20	
Rope, 5/8"	1000	
Rope, 1/2"	500	
Rope, 5/16"	1000	
Rope, 3/8"	1200	
Rope, 1/4"	3600	
Anchor Stakes	50	
Hose Floats	25	
Boom Tow Ends	15	
<b>Skimming Systems (Limited by Pumping Rate)</b>		
Vacuum Wier skimmers, ACME , 46" FSV-29T, 3" male coup, 340 gpm, rec 68 gpm, vacuum truck 200 gpm	1	97,920
Vacuum Wier skimmers, 12" weir, 4 point adj, 3" male coup, Remtech Shallow Draft, 300 gpm, 140 gpm diaphragm pump	3	259,200
Oil Mop Drum Mount, 1/3 Hp Electric, 50 ft rope, 3 gpm	1	4,320
Skimmer, Drum, Elastic TDS118, 35 gpm, 97% fuel recovery, actual recovery rate	1	50,400
12" x 3" Suction Screens, 300 gpm (2" diaphragm pump @ 140 gpm)	6	518,400
12" x 3" Suction Screens, 200 gpm (vacuum truck)	1	86,400
<b>Subtotal EDRC, gpd with 20% efficiency included</b>		<b>1,016,640</b>
<b>Subtotal EDRC, bpd with 20% efficiency included</b>		<b>24,206</b>

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
<b>Vacuum Trucks &amp; Systems</b>		
<b>Guzzler Classic Vacuum Truck</b> , 2007, 3,400 gallons, <b>200 gpm</b> , 5,400 cfm @ 28" Hg, VIN 2FZSAZCV47AW81508, Equipped with Highrail	1	120,000
<b>Guzzler Classic Vacuum Truck</b> , 2013, 3,400 gallons, <b>200 gpm</b> , 5,400 cfm @ 28" Hg, 1HTGSSHT1DJ169062, HiRail	1	120,000
<b>Guzzler Vacuum Truck</b> , 200 gpm, <b>200 gpm</b> , 4,000 cfm @ 24" Hg, offsite storage, Env. Remedies	4	480,000
<b>Jetvac</b> Vacuum Explosion Proof, air-air eductor, flammable liquid/sludge/granular transfer pump, <b>50 gpm</b>	1	30,000
<b>Subtotal EDRC, gpd with 20% efficiency included</b>		<b>750,000</b>
<b>Subtotal EDRC, bpd with 20% efficiency included</b>		<b>17,857</b>
<b>Product Transfer Pumps</b>		
Wilden Brahma Solids Handling Pump, 2", Flap Diaphragm, 240 gpm	1	144,000
Wilden P8 Polypropylene, 2", Double diaphragm, Wilflex , 140 gpm	3	252,000
Wilden P8 Aluminum, 2" Double diaphragm, buna, 125 gpm	3	225,000
Wilden P8 Aluminum, 2" Double diaphragm, viton, 125 gpm	1	75,000
Wilden P8 Stainless Steel, 2" Double diaphragm, teflon, 125 gpm	1	75,000
Diaphragm Pump, 1/2", Viton, fuel pump, 20 gpm	1	12,000
Wilden P4 Aluminum, 1.5" Double diaphragm, buna, 75 gpm	4	180,000
CH & E, 4 Hp Honda Model 5537HR, Single Diaphragm, 55 gpm	2	60,000
Barnes, 3 Hp Briggs & Stratton, Model 3AD000-1, Single Diaphragm, 55 gpm	1	33,000
Centrifugal Pump, 4" Self-Priming, Honda, Model 4T40, 433 gpm, 26 ft suction lift	1	259,800
Centrifugal Pump, 3" Self-Priming, Honda, Model WT30R, 319 gpm	2	382,800
Centrifugal Pump, 2" Self-Priming, Honda, 5.5 Hp, 26 ft suction lift, 187 gpm	2	224,400
Centrifugal Pump, 1.5" Self-Priming, 4 Hp Honda, Suction lift 26 ft, 185 gpm	1	111,000
<b>Subtotal EDRC, gpd with 20% efficiency included</b>		<b>2,034,000</b>
<b>Subtotal EDRC, bpd with 20% efficiency included</b>		<b>84,750</b>
<b>Temporary Storage</b>		
Pillow Tanks/Bladders, 3,000 gal, American Marine	5	15,000
1,600 gallon all-terrain tankers, Hooper Trailer	1	1,600
1,600 gallon portable tank on skid	1	1,600
Portable Pools, General Foam Plastics Corporation, GV4215, 4 liners ea, 4,400 gal	2	8,800
Portable Pools, General Foam Plastics Corporation, 12 ft x 36", 4 liners ea, 2,500 gal	3	7,500
Portable Tanks, HDPE, 500 gal	3	1,500
Totes, XLPE, 250 gallon	15	1,000
Frac Tanks, Evergreen, 20,000 gal, offsite storage	7	140,000
Frac Tanks, Rain for Rent, 20,000 gal, offsite storage	6	120,000
Frac Tanks, Baker, 20,000 gal, offsite storage	4	80,000
Frac Tanks, Adler, 20,000 gal, offsite storage	2	40,000
Tankers, 4,000 gal, offsite storage	5	20,000
Vacuum Trucks, 5,000 gal, Environmental Remedies	4	20,000

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
Vacuum Boxes, 3,500 gal, Williams Transport	6	21,000
Supersacks, 1 cy lined bags	100	17,500
Drums, 55 gal	50	2,500
Roffoff Containers, 20 cy, West Moreland	8	24000
Trailer, 14 ft Dump, 4.75 ton capacity, 1,070 gals	1	1070
<b>Total Storage Capacity, gallons</b>		<b>523,070</b>
<b>Total Storage Capacity, barrels</b>		<b>12,454</b>
<b>Compressors</b>		
Sullaire, 185 cfm diesel compressor, trailer mount	1	
Rotair, VRK220 AE, 24 Hp Honda gas, 75 cfm, pump trailer	1	
Speedaire, Kohler 12 Hp gas, Model 5F564A, 27.2 cfm @ 90 psi	2	
Northstar, 9 Hp Honda gas, 18 cfm	2	
Compressor, 100 cfm, diesel, rental	2	
Compressor, 375, cfm, diesel, rental	2	
Speedaire, 5.5 Hp Honda Gas, 12 cfm	2	
Ingersoll Rand, 7.5 Hp Electric, Model 2475, 240 volts, 3 phase, 60 Hz, 24 cfm	1	
<b>Generators</b>		
15 KW Generac Guardian Ultra Source, 30 Hp motor, 22,500 s. watts, 120/240 volts	1	
10 KW Generac, 19 Hp Honda gas motor, 120/240 volts	1	
8 KW North Star, 13 Hp Honda gas motor, 120/240 volts	3	
6.5 KW Generac, 13 Hp gas motor, 120/240 volts	1	
5.5 KW Generac, 10 Hp gas motor, 120/240 volts	1	
2.7 KW Honda, 160 cc gas motor, 120/240 volts	2	
<b>Hose</b>		
Hose GP-96 PVC, 6" vacuum Hose, ft	240	
Hose, ABS 180, 6" vacuum Hose, ft	200	
Hose, 4" rubber, vacuum Hose, lf	300	
Hose, rubber & HDPE, 3" suction, lf	500	
Hose, high temperature chemical transfer hose, 3" suction, lf	40	
Hose, rubber & HDPE, 2" suction, lf	700	
Hose, rubber & HDPE, 1.5" suction, lf	1000	
Hose, air, rubber, 0.75 inch, lf	400	
Hose, air, rubber, 1 inch, lf	100	
Hose, air, rubber & PVC, 0.125 to 0.5 inch, lf	500	
Hose, Collapsible Fire with rubber liner, 3", lf	400	
Hose, PVC Collapsible, 3", lf	450	
Hose, Collapsible Fire with rubber liner, 1.5" , lf	450	
Hose, PVC Collapsible, 1.5", lf	100	
Hose, Aluminum Vacuum Soft Excavation/Potholing Tubing, lf	16	

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
<b>Sorbent</b>		
Polypropylene		
Rolls, 36" x 100 ft	2500	
Sweeps, 24" x 100 ft	1000	
Pads, 18" x 18" x 100/bale	6700	
Boom, 5" x 10 ft, lf	1600	
Oil Dry, 40 lb bags	100	
Straw, bales	10	
<b>Oil Water Separators</b>		
Remtech OWS 20, 20 gpm	4	
Remtech OWS 40 (1,600 gal poly tanker), 40 gpm	1	
Remtech OWS 40 (1,600 gal poly skid tank), 40 gpm	1	
<b>Safety &amp; PPE Equipment</b>		
Extinguishers & Vapor Suppressants		
Purple K Dry Chemical Extinguishers	6	
Ladders		
Extension Ladders	3	
Ladder, Rope, 17 ft	2	
Ladder, Rope, 50 ft	1	
Ladder, Safety, 12 ft	1	
Ladder, Safety, 26 ft	1	
Ladder, Safety, 13 ft	1	
Ladders, Step	5	
<b>Lighting, Emergency</b>		
Emergency Vehicle Lights & Sirens	4	
Explosion Proof Lights	2	
Flashlights	15	
Flood Lights	10	
Quartz Tripod Lights	6	
<b>Marine</b>		
Air Horns	5	
Anchors	6	
Buoys	10	
Life Lines	10	
Life Vests	15	
Marine Emergency Lighting	4	
<b>PPE</b>		
Boots, Hip Boots	10	
Boots, Waders	10	
Bullard Breathing Air Pump	1	
Confined Space Entry Tripod and Retractor Cable	1	
Confined Space Retractor Cables	2	
Fire Proximity Suits	4	

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
Flame Resistant Jump Suits	15	
Full Face Respirators, MSA	10	
Level A Chemical Protective Suits	8	
Level B Chemical Protective Suits	20	
Level C Chemical Protective Suits	200	
MSA Air Packs	8	
Nose Respirators	15	
Powered Air Respirators, Scott	6	
Spare Bottles	6	
Umbilical Cord Air Cascade Systems	4	
<b>Safety Equipment</b>		
Barricades/Flashers	8	
First Aid Kits	5	
Personal Decontamination Stations	2	
Safety Harnesses, Rope & Lanyards	5	
Traffic Cones	30	
<b>Blowers</b>		
Air Cleaner, 2,000 cfm HEPA/Chemical Filter	1	
Blower, Manhole Ventilators (1, 2, and 5 HP)	1	
Blower, Smoke Testing (for Sewers)	1	
<b>Winches</b>		
9,600 lb electric winch with 100 ft cable	3	
4,000 lb electric winch with 40 ft cable	1	
2,700 lb electric wench with 40 ft cable	1	
1,700 lb electric wench with 40 ft cable	1	
<b>Instrumentation</b>		
Ammonia Gas Detector, Toxic RAE II	1	
Closed Circuit TV, sewer inspections, Pine	1	
Conductivity & Temperature Meter, YSI 33	1	
Dissolved Oxygen Meters, YSI 55	2	
Drexil Hydrocarbon Soil, PCB (liquid & Soil) Test Kits	4	
Free Product Interface Probe	1	
Geiger Counter, Ludlum Model 3 Survey	1	
Ground Penetrating Radar, Pine	1	
Infrared Thermal Detector	2	
Lomex Mercury Detector, Pine	1	
Moisture Detector	1	
MSA Haz Mat Detection Kit	2	
Multi-Gas Meter, O2, CO, LEL, H2S (QRAEII pump, MSA Altair 5X)	2	
Personnel Monitors & Calibration Kit	2	
pH Meter, WTW 315i	2	
Photo Documentation		
Time Dated Cameras	8	

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
Cam Recorders	3	
Photoionization Detector, MultiRAE with ammonia and chlorine detector	2	
Portable GC	2	
Portable Hach Kits	4	
Redi-flow Pump	1	
Samplair Sampler	3	
Slope Indicators	2	
Survey Instrumentation	2	
Utility Location Instrumentation, Fisher TW-6	2	
Utility Locator, Fisher TW-82	1	
<b>Portable Treatment Equipment</b>		
Bag Filter	1	
Carbon Filtration - Gas Phase	2	
Carbon Filtration - Liquid Phase	2	
Chemical Feed Pumps & pH Controllers	5	
Clarifiers	4	
Groundwater Treatment		
Air Sparge Equipment	2	
Free Product Recovery Pumps	4	
Recovery Well Pumps	10	
Multi-Phase Deep Vacuum Unit (26" Hg)	1	
Mobile Treatment Plants, Oil/Water Separator, Stripper, Carbon Filtration	3	
Neutralization Flash Mixers	2	
Portable Chemical Fixation Equipment	1	
Sand Filters	2	
Soil Treatment		
BioVent Systems	2	
Soil Vent Demister/Filters & Blowers	4	
Regenerative Blower, 1 Hp	1	
Regenerative Blower, 2.3 Hp	1	
Regenerative Blower, 4.5 Hp	1	
Blower, Manhole, Explosion Proof	1	
Soil & Groundwater Treatment		
Total Fluids & Vapor Extraction - Liquid Ring Extractors	1	
Stripper, 20 gpm, 20 ft x 14 Triapak Media	2	
Stripper, Diffused Tray Air, 70 gpm Low-Profile	1	
<b>Cleanup Equipment &amp; Supplies</b>		
Drums & Totes		
Overpaks poly		
20-Gallon	60	
85-Gallon Steel	9	
95-Gallon Poly	16	
HDPE 55-gallon open top and closed head	55	
55-gallon steel open top and closed head	14	
250-gallon Emergency Containment Totes	4	

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
500-gallon Poly Portable Tanks	3	
Leak Repair Kits		
Drum Repair Kits	1	
Gasket Repair Kit	1	
Oversize Rail Car Wrenches	2	
Pipe/Transfer Line Leak Repair Kit	1	
Pressurized Tank Car Repair Kit	1	
Tank Car Repair Kits, Midland, Chlorine Institute A, B, & C	1	
Tanker Repair Kits	1	
Tote Repair Kits	1	
<b>Plastic &amp; Membranes</b>		
4/6-mil oversize poly bags	300	
	12,000	
4/6-mil sheet plastic	sf	
	3,600	
16-mil PVC membrane	sf	
	1,000	
Geotechnical Fabric - Soil Stabilization	sf	
Bags (Supersacks) - Hazardous Waste 1 cubic yard	200	
Plugs, Inflatable, Sewer, 30 to 36"	2	
Plugs, Inflatable, Various Sizes	10	
Sand Bags	1,000	
Spill Kits, Remtech 20 and 55-gallon	5	
Straw Bales & Stakes	50	
<b>Trailers</b>		
18 Ft Emergency Response Trailer	2	
20 Ft Emergency Response Trailer	1	
20 Ft Emergency Product Transfer Trailer	1	
20 Ft Rapid Deployment Recovery Trailer	1	
16 Ft Open Equipment Trailer	2	
16 Ft Work Trailer	1	
16 Ft Rapid Deployment Boom & Boat Trailer	1	
14 Ft Dump Trailer		
20 Ft Vacuum Hose Hauling Trailer	1	
22 Ft Equipment Hauling Trailer, 3 axle, 22000 lbs	1	
20 Ft Total Fluids Extraction Trailer with Oil Water Separator, Carbon, and Multi-Media Filters, 20 gpm	1	
<b>Tank Car &amp; Tanker Pneumatic &amp; Hydraulic Off-Loading Connections</b>	25	
<b>Vacuum Cleaners</b>		
HEPA - Wet/Dry Vacs	4	
HEPA - Wet/Dry Drum Vacs	2	
Mercury Vacuums	1	



<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
<b>Chemicals (Neutralization &amp; Reaction)</b>		
Activated Carbon		
Granular	1500 lbs	
Powdered	2100 lbs	
Anthracite	1000 lbs	
Bentonite powder	200 lbs	
Bentonite, chips	100 lbs	
Calcium & Sodium Hypochlorite	100 lbs	
Calcium Chloride	800 lbs	
Caustic Soda	200 lbs	
HC-2000 (Bioremediation Accelerator)	2000 gal	
HGX Mercury Decontamination Agent	20 lbs	
Hydrogen Peroxide, 30%	50 gal	
Hydrochloric Acid	55 gal	
Portland Cement & Cement Kiln Dust	500 lbs	
Sand	400 lbs	
Soda Ash	1,500 lbs	
Sodium Bisulfite	300 lbs	
Sulfuric Acid	100 gal	
Surfactant, Simple Green	60 gal	
<b>Steam &amp; Pressure Washers</b>		
Pressure Washer, Northstar, 3000 psi, 4 gpm, 4.5 tip	1	
Pressure Washer, Northstar, 3200 psi, 3.5 gpm	1	
Pressure Washer, Northstar, 3500 psi, 7 gpm	1	
Pressure Washer, Northstar, 3000 psi, 5 gpm	2	
Steam Cleaner, Northern, 2,000 psi, 2.7 gpm	1	
Steam Cleaner, Northern, 3,000 psi, 4 gpm, 3.5 tips	2	
Steam Cleaner Attachment, 4,000 psi, 4 gpm	1	
Pressure Washer Surface Cleaner Attachments	3	
Jetter, Sewer, 500 ft 1/2" hose, 20 gpm	1	
Drilling and Geoprobe Rigs	1	

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
Grout Mixing Equipment	1	
Monitoring well casings and Well Head Covers	10 wells	
Soil and Groundwater Sampling Probes	4 probes	
Well Sandpack and Grout	10 wells	
<b>Heavy Duty Equipment</b>		
4-wheel Drive Vehicles	5	
Kubota SVL 90 with backhoe, forklift & front end loader attachment	1	
Backhoes, offsite storage	3	
Bobcats & All Surface Vehicles, offsite storage	6	
Dump Trucks, offsite storage	8	
Flat Bed Trucks, offsite storage	2	
Graders, offsite storage	1	
High Lifts, offsite storage	2	
Roll-off Boxes (20 - 40 cy), offsite storage	10	
Track Excavators, offsite storage	2	
<b>Hand Tools</b>		
Acetylene Cutting/Welding	1	
Bolt Cutters	4	
Broom - Power	2	
Brooms	10	
Cable Cutters	1	
Chainsaws	6	
Chop Saws	3	
Circular Saws	4	
Drills, Bosch Masonary	2	
Pneumatic Hole Cutting Kit	2	
Rakes, Shovels, Picks	10	
Saw-Z-All	4	
Table Saw, portable	2	
<b>Vehicles</b>		
Pickup Truck, 2500, Crew Cab, 2019, Gasoline, 4-wheel drive	1	
Stakebed Truck, 3500, Crew Cab, 2012, Duramax Diesel, 4-wheel drive	1	
Pickup Truck, 3500, Crew Cab, 2013, Duramax Diesel, 4-wheel drive	1	
Pickup Truck, 2500, Crew Cab, 2013, Duramax Diesel, 4-wheel drive	1	
Stakebed Truck, Crew Cab, 2015, 2500 Duramax Diesel, 4-wheel drive	1	
Suburban, 2500, 2015, 4-wheel drive	1	
Truck, Box 26 ft, 2015 Kenworth T270	1	
<b>HAZMAT Computer Data Bases</b>		
Internet DSL Link to Industry MSDS Sheets	4	
CDROM Maps of the US showing	2	

<b>Item</b>	<b>Units</b>	<b>EDRC, gpd</b>
Rivers, Roads, Railroads, and Topography		
Cameo/Aloha/Marplot	4	
OHM-TADS System	1	
Remtech In-House Haz Mat Library	1	
USGS 15 minute Maps, Digital, USA	3	
<b>Computer Modeling</b>		
Airstrip	1	
Aqtesolve	1	
Archie	1	
BioPlume	1	
Capzone	1	
Hydropal	1	
Hyperventilate	1	
Modflow	1	
Oasis	1	
Solute	1	
Surfer Contour Plotting		
Well Head Protection Model (WHPA)	1	
DOT Emergency Response Handbook - Computerized Version	1	
Reactive Chemical Data Base	1	
Well Head Protection Model (WHPA)	1	