



OILFIELD ENVIRONMENTAL & COMPLIANCE, INC.
Complete Field & Laboratory Services



GENERAL SERVICES ADMINISTRATION
FEDERAL ACQUISITION SERVICES (FAS)
AUTHORIZED FEDERAL PRICE LIST

On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order is available through GSA *Advantage!*, a menu-driven database system.

The INTERNET address for GSA *Advantage!* is: <http://www.gsaadvantage.gov>

Schedule Title: Multiple Award Schedule

FSC Group: R499

Contract Number: 47QSWA-17-D-0001

SIN 541380: Testing Laboratories

Contract Period: October 3, 2017 - October 2, 2022

For further information on ordering from Federal Supply Schedules click on the GSA Schedules link at <http://www.gsa.gov>

OILFIELD ENVIRONMENTAL & COMPLIANCE, INC. (OEC)

307 Roemer Way, Suite 300
Santa Maria, CA 93454

PHONE: (805) 922-4772

Ask for our GSA representative!



OILFIELD ENVIRONMENTAL & COMPLIANCE, INC.
Complete Field & Laboratory Services

LABORATORY PRICE LIST
SCIENTIFIC EQUIPMENT & SERVICES, MULTIPLE AWARD SCHEDULE

Price List for SIN 541380	3
Surface & Wastewater	3
Soils, Groundwater & Other Matrices	6
Drinking Water	10
Air & Soil Vapor	12
Radiologicals	13
Rush Surcharges & Additional Fees	14
General Conditions	16
Report Deliverable Options	18
Laboratory Locations	19
Customer Information & Remit-To	20
Resumes of Key Personnel	23

SURFACE AND WASTEWATER			
Item No.	Parameter	Analytical Method	GSA Unit Price
	GC/MS VOLATILE & SEMIVOLATILE ORGANICS		
W1	Volatile Organic Compounds	EPA 624	\$ 60.45
W2	Volatile Organic Compounds, Single Compound	EPA 624	\$ 60.45
W3	BTEX only	EPA 624	\$ 60.45
W4	Semivolatile Organic Compounds	EPA 625	\$ 130.98
W5	Polynuclear Aromatic Hydrocarbons (PAH)	EPA 625M SIM	\$ 95.71
W6	1,4-Dioxane	EPA 1625 SIM	\$ 125.94
W7	Pyrethroid Pesticides	EPA 625-NCI	\$ 266.99
	GC VOLATILE & SEMIVOLATILE ORGANICS		
W8	Organochlorine PCBs	EPA 608	\$ 50.38
W9	Organochlorine Pesticides	EPA 608	\$ 70.53
W10	Organochlorine Pesticides/PCBs	EPA 608	\$ 120.90
W11	Glycol, Ethylene or Propylene	EPA 8015M	\$ 110.83
W12	Glycols, Total	EPA 8015M	\$ 256.91
	METALS		
W13	Individual Metal by ICP	EPA 200.7	\$ 12.09
W14	Individual Metal by ICP/MS ⁽¹⁾	EPA 200.8	\$ 15.11
W15	Individual Metal by ICP/MS	EPA 1640	\$ 80.60
W16	CAM 17 Total Metals by ICP and CVAA	EPA 200.7/245.1	\$ 80.60
W17	CAM 17 Total Metals by ICP/MS and CVAA	EPA 200.8/245.1	\$ 95.71
W18	Mercury by CVAA	EPA 245.1	\$ 17.13
W19	Methyl Mercury	EPA 1630	\$ 211.58
W20	Mercury, Low Level	CFR126A/1631E	\$ 75.56
W21	Priority Pollutant Metals by ICP and CVAA	EPA 200.7/245.1	\$ 80.60
W22	Priority Pollutant Metals by ICP/MS and CVAA	EPA 200.8/245.1	\$ 95.71
	⁽¹⁾ ICP/MS method not used for the determination of minerals		
	GENERAL CHEMISTRY		
W23	Acidity	EPA 305.1/SM 2310B	\$ 45.34
W24	Alkalinity, Total as CaCO ₃	EPA 310.1/SM 2320B	\$ 20.15
W25	Alkalinity, Speciated (CO ₃ , HCO ₃ , OH)	EPA 310.1/SM 2320B	\$ 20.15
W26	Individual Anion by Ion Chromatography	EPA 300.0	\$ 10.08
W27	Ammonia as N or NH ₃	SM 4500 NH3D	\$ 15.11
W28	Ammonia, Unionized Package	Various ⁽¹⁾	\$ 45.34
W29	Asbestos (Long fibers > 10 microns)	EPA 100.2	\$ 105.79
W30	Asbestos (All fibers down to 0.5 microns)	EPA 100.2	\$ 171.28
W31	Biological Oxygen Demand (BOD), 5 day	EPA 405.1/SM 5210B	\$ 25.19
W32	Chemical Oxygen Demand (COD)	EPA 410.4/SM 5220D	\$ 20.15

SURFACE AND WASTEWATER			
Item No.	Parameter	Analytical Method	GSA Unit Price
W33	Chlorine Residual	SM 4500-Cl G	\$ 15.11
W34	Dissolved Organic Carbon (DOC)	SM 5310B	\$ 25.19
W35	Dissolved Oxygen by Membrane Electrode	SM 4500 O-G	\$ 8.06
W36	Electrical Conductivity	SM 2510B	\$ 8.06
W37	Cyanide, Amenable to Chlorination	EPA 335.1/SM 4500 CN-C/E	\$ 25.19
W38	Cyanide, Free	EPA 335.1/SM 4500 CN-C/E	\$ 25.19
W39	Cyanide, Total	EPA 335.2/SM 4500 CN-C/E	\$ 21.16
W40	Ferrous Iron	SM 3500 Fe-B	\$ 20.15
W41	Glycol, Ethylene or Propylene	Colorimetric	\$ 45.34
W42	Hardness as CaCO ₃ (includes Ca & Mg)	SM 2340B	\$ 34.26
W43	Hexavalent Chromium by Ion Chromatography, Low Level	EPA 218.6	\$ 75.56
W44	Hydrazines	LCMS	\$ 277.06
W45	MBAS, Surfactants	SM 5540C	\$ 32.24
W46	Nitrate + Nitrite (calculation only)	EPA 300.0/Calculation	\$ 15.11
W47	Nitrate as NO ₃	EPA 300.0	\$ 15.11
W48	Nitrite as NO ₂	EPA 300.0	\$ 15.11
W49	Total Kjeldahl Nitrogen (TKN)	SM 4500 NH3D	\$ 20.15
W50	Total Nitrogen Package	EPA 300.0/SM 4500 NH3D	\$ 50.38
W51	Organic Nitrogen Package	SM 4500 NH3D	\$ 45.34
W52	Oil & Grease n-Hexane Extractable (HEM)	EPA 1664	\$ 32.24
W53	Oil & Grease n-Hexane Extractable (HEM and SGT-HEM)	EPA 1664	\$ 47.35
W54	Total Organic Carbon (TOC)	SM 5310B	\$ 25.19
W55	Perchlorate	EPA 314.0	\$ 55.41
W56	pH, Electrometric	EPA 150.1/EPA 9040B	\$ 5.04
W57	Phenolics	EPA 420.1/SM 5530	\$ 18.14
W58	Phosphorus, Ortho (as P)	EPA 365.3/SM 4500-P E	\$ 14.11
W59	Phosphorus, Total (as P)	EPA 365.3/SM 4500-P B,E	\$ 18.14
W60	Residue, Filterable, Gravimetric, Dried at 180°C (TDS)	SM 2540C	\$ 8.06
W61	Residue, Non-Filterable, Gravimetric (TSS)	SM 2540D	\$ 8.06
W62	Residue, Settleable Matter	SM 2540F	\$ 10.08
W63	Residue, Total	SM 2540B	\$ 8.06
W64	Salinity	SM 2520B	\$ 15.11
W65	Sulfide, Total or Soluble	EPA 9034	\$ 14.11
W66	Turbidity	SM 2130B	\$ 8.06
W67	Vitamin C	AOAC 967.21	\$ 120.90
⁽¹⁾ SM 4500 NH3D/SM 2520B and EPA 150.1/EPA 9040B			
DIOXIN			
W68	2,3,7,8-TCDD Only	EPA 1613B	\$ 488.64
W69	Dioxins/Furans (PCDDs/PCDFs)	EPA 1613	\$ 664.95

SURFACE AND WASTEWATER

Item No.	Parameter	Analytical Method	GSA Unit Price
MICROBIOLOGY			
W70	Coliform, Total MPN 15 Tube	SM 9221B	\$ 40.30
W71	Coliform, Fecal MPN 15 Tube	SM 9221E	\$ 38.29
W72	Coliform, Total MPN 25 Tube	SM 9221B	\$ 50.38
W73	Coliform, Fecal MPN 25 Tube	SM 9221E	\$ 48.36
W74	Enterococcus	IDEXX/Enterolert	\$ 55.41
FOOTNOTES			
Price of test includes a Level I or II report. Additional surcharges will apply for Level III or IV/V reports. See Rush Surcharges & Additional Fees page for details.			
Prices include a 10 business day TAT. Expedited TAT is available where test methods permit and when available by lab. Standard rush surcharges and additional fees apply. See Rush Surcharges & Additional Fees page for details.			

SOIL, GROUNDWATER & OTHER MATRICES			
Item No.	Parameter	Analytical Method	GSA Unit Price
GC/MS VOLATILE ORGANICS			
S1	Volatile Organic Compounds	EPA 8260B	\$ 60.45
S2	Volatile Organic Compounds + Oxygenates	EPA 8260B	\$ 65.49
S3	Volatile Organic Compounds + Oxygenates + TPH as Gasoline	EPA 8260B	\$ 100.75
S4	Volatile Organic Compounds, Appendix I	EPA 8260B	\$ 75.56
S5	Volatile Organic Compounds, Appendix IX	EPA 8260B	\$ 75.56
S6	Volatile Organic Compounds, Halogenated	EPA 8260B	\$ 65.49
S7	Volatile Organic Compounds, Single Compound	EPA 8260B	\$ 60.45
S8	Volatile Organic Compounds, TCLP (excludes extraction)	EPA 8260B	\$ 60.45
S9	BTEX only	EPA 8260B	\$ 45.34
S10	BTEX + MTBE	EPA 8260B	\$ 50.38
S11	BTEX + MTBE + Naphthalene	EPA 8260B	\$ 50.38
S12	BTEX + Oxygenates	EPA 8260B	\$ 50.38
S13	BTEX + Oxygenates + TPH as Gasoline	EPA 8260B	\$ 85.64
S14	TPH as Gasoline	EPA 8260B	\$ 35.26
S15	Tentatively Identified Compounds (TICs), Top 10	EPA 8260B	\$ 25.19
GC/MS SEMIVOLATILE ORGANICS			
S16	Semivolatile Organics	EPA 8270C	\$ 130.98
S17	Semivolatile Organics, TCLP (excludes extraction)	EPA 8270C	\$ 130.98
S18	Tentatively Identified Compounds (TICs), Top 10	EPA 8270C	\$ 25.19
S19	Polynuclear Aromatic Hydrocarbons (PAH) ⁽¹⁾	EPA 8270M SIM	\$ 95.71
S20	TPH as Diesel / TPH as Oil Crude	EPA 8270M	\$ 85.64
S21	TPH as Diesel / TPH as Motor Oil	EPA 8270M	\$ 85.64
⁽¹⁾ OEC offers other PAH analyses such as extended and alkalated lists. Please contact the lab for details and pricing.			
GC VOLATILE ORGANICS			
S22	TPH as Gasoline	EPA 8015M	\$ 35.26
S23	BTEX	EPA 8021	\$ 45.34
S24	BTEX + MTBE	EPA 8021	\$ 45.34
S25	BTEX + MTBE + TPH as Gasoline	EPA 8021/8015M	\$ 80.60
S26	Dissolved Gases (Carbon Dioxide & Methane)	RSK 175	\$ 65.49
S27	Dissolved Gases (Carbon Dioxide, Ethane, Ethylene, Methane)	RSK 175	\$ 100.75
GC SEMIVOLATILE ORGANICS			
S28	Chlorinated Herbicides	EPA 8151	\$ 136.01
S29	Explosives	SM 8330B	\$ 277.06
S30	TPH as Diesel	EPA 8015M	\$ 45.34
S31	TPH as Motor Oil	EPA 8015M	\$ 45.34
S32	TPH as Diesel/TPH as Motor Oil	EPA 8015M	\$ 50.38

SOIL, GROUNDWATER & OTHER MATRICES			
Item No.	Parameter	Analytical Method	GSA Unit Price
S33	Organochlorine Pesticides	EPA 8081A	\$ 75.56
S34	Organochlorine Pesticides, TCLP (excludes extraction)	EPA 8081A	\$ 75.56
S35	Organophosphate Pesticides	EPA 8141	\$ 136.01
S36	Polychlorinated Biphenyls (PCBs)	EPA 8082	\$ 48.36
S37	Polychlorinated Biphenyls (PCBs), STLC (excludes extraction)	EPA 8082	\$ 48.36
S38	Polychlorinated Biphenyls (PCBs), TCLP (excludes extraction)	EPA 8082	\$ 48.36
S39	SARA	EPA 8015M	\$ 251.88
S40	Simulated Distillation	ASTM D2887	\$ 166.24
EXTRACTION & PREPARATION METHODS			
S41	Deionized Water Extraction	DI WET	\$ 30.23
S42	Gel Permeation Cleanup (GPC)	EPA 3640A	\$ 65.49
S43	Pentane Cleanup	OEC	\$ 25.19
S44	Silica Gel Cleanup (SGC)	EPA 3630C	\$ 15.11
S45	Soluble Threshold Limit Concentration (STLC)	CAL WET	\$ 30.23
S46	Toxicity Characteristic Leaching Procedure (TCLP)	SW846/EPA 1311	\$ 20.15
S47	ZHE, Toxicity Characteristic Leaching Procedure (TCLP)	SW846/EPA 1311 ZHE	\$ 30.23
METALS			
S48	Individual Metal by ICP	EPA 6010B	\$ 12.09
S49	Individual Metal by ICP/MS ⁽¹⁾	EPA 6020	\$ 15.11
S50	Mercury by CVAA	EPA 7470A/7471A	\$ 17.13
S51	CAM 17 Total Metals by ICP and CVAA	EPA 6010B/7470A/7471A	\$ 80.60
S52	CAM 17 Total Metals by ICP/MS and CVAA	EPA 6020/7470A/7471A	\$ 95.71
S53	CAM 17 STLC Metals by ICP and CVAA	EPA 6010B/7470A/7471A	\$ 80.60
S54	RCRA 8 Total Metals by ICP and CVAA	EPA 6010B/7470A/7471A	\$ 80.60
S55	RCRA 8 Total Metals by ICP/MS and CVAA	EPA 6020/7470A/7471A	\$ 95.71
S56	RCRA 8 TCLP Metals by ICP and CVAA (excludes extraction)	EPA 6010B/7470A/7471A	\$ 80.60
S57	RCRA 8 TCLP Metals by ICP/MS and CVAA (excludes extraction)	EPA 6020/7470A/7471A	\$ 95.71
⁽¹⁾ ICP/MS method not used for the determination of minerals			
GENERAL CHEMISTRY			
S58	Alkalinity, Total as CaCO ₃	EPA 310.1/SM 2320B	\$ 20.15
S59	Alkalinity, Speciated (CO ₃ , HCO ₃ , OH)	EPA 310.1/SM 2320B	\$ 20.15
S60	Individual Anion by Ion Chromatography	EPA 300.0	\$ 10.08
S61	Chemical Oxygen Demand (COD)	EPA 410.4/SM 5220D	\$ 20.15
S62	Electrical Conductivity	SM 2510B	\$ 8.06
S63	Cyanide, Total	EPA 9014	\$ 21.16
S64	Ferrous Iron	SM 3500 Fe-B	\$ 20.15
S65	Guar Gum Sugars	HACH Anthrone	\$ 75.56
S66	Hardness as CaCO ₃ (includes Ca & Mg)	SM 2340B	\$ 34.26

SOIL, GROUNDWATER & OTHER MATRICES			
Item No.	Parameter	Analytical Method	GSA Unit Price
S67	Hexavalent Chromium by Colorimetry in Aqueous Matrix	EPA 7196A	\$ 20.15
S68	Hexavalent Chromium in Solid Matrix, with Alkaline Digestion	EPA 7196A	\$ 70.53
S69	Hexavalent Chromium in Solid Matrix by IC, with Alkaline Digestion	EPA 7199	\$ 100.75
S70	Flashpoint/Ignitability	EPA 1010/ASTM D93	\$ 17.13
S71	MBAS, Surfactants	SM 5540C	\$ 32.24
S72	Nitrate + Nitrite (calculation only)	EPA 300.0/Calculation	\$ 15.11
S73	Total Kjeldahl Nitrogen (TKN)	SM 4500NH3D	\$ 20.15
S74	Oil & Grease n-Hexane Extractable (HEM)	EPA 1664	\$ 32.24
S75	Oil & Grease n-Hexane Extractable (HEM and SGT-HEM)	EPA 1664	\$ 47.35
S76	Paint Filter Liquids Test	EPA 9095B	\$ 10.08
S77	Percent Moisture/Percent Solids	SM 2540B	\$ 10.08
S78	Reactive Cyanide	SW846 Sec. 7.3	\$ 45.34
S79	Reactive Sulfide	SW846 Sec. 7.3	\$ 45.34
S80	Reactive Cyanide/Sulfide	SW846 Sec. 7.3	\$ 90.68
S81	Total Organic Carbon (TOC)	EPA 9060A	\$ 35.26
S82	Organic Halides (TOX)	EPA 9020M	\$ 156.16
S83	pH, Electrometric	EPA 9040B/9045C	\$ 5.04
S84	Phenolics	EPA 420.1/SM 5530	\$ 18.14
S85	Phosphorus, Ortho (as P)	EPA 365.3/SM 4500-P E	\$ 14.11
S86	Phosphorus, Total (as P)	EPA 365.3/SM 4500-P E	\$ 18.14
S87	Total Sulfide in Solid Matrix	EPA 376.2	\$ 30.23
S88	Total/Soluble Sulfide	EPA 9034	\$ 14.11
DIOXIN			
S89	Dioxins/Furans (PCDDs/PCDFs)	EPA 8280	\$ 544.05
S90	Dioxins/Furans (PCDDs/PCDFs), High Resolution	EPA 8290	\$ 664.95
MICROBIOLOGY			
S91	Acute Toxicity for NPDES Compliance	EPA	\$ 352.63
S92	Bioassay 96hr Hazardous Waste Screen	Polisini & Miller CDFG 1988	\$ 176.31
S93	Bioassay Definitive	Polisini & Miller CDFG 1988	\$ 277.06
OTHER			
S94	BTU, Heating Value	ASTM D240	\$ 80.60
S95	Geochemical Suite	Various ⁽¹⁾	\$ 352.63
S96	Title 22 Hazardous Waste Profile (excludes soluble testing)	Various ⁽²⁾	\$ 957.13
S97	Total Sulfur by X-Ray Fluorescence Spectrometry	ASTM D4294	\$ 176.31
S98	Total Sulfur by UV Fluorescence	ASTM D5453	\$ 317.36
⁽¹⁾ EPA 6010B/EPA 9040B/SM 2320B/EPA 300.0/SM 2510B/SM 2540C/ASTM D4052 or D5002			
⁽²⁾ EPA 6010B/EPA 7470A or 7471A/EPA 8081A/EPA 8082/EPA 8260B/EPA 8270C/EPA 9040B or 9045C/EPA 1010/SW846 Sec. 7.3/Polisini & Miller CDFG 1988			

SOIL, GROUNDWATER & OTHER MATRICES

FOOTNOTES

Price of test includes a Level I or II report. Additional surcharges will apply for Level III or IV/V reports. See Rush Surcharges & Additional Fees page for details.

Prices include a 10 business day TAT. Expedited TAT is available where test methods permit and when available by lab. Standard rush surcharges and additional fees apply. See Rush Surcharges & Additional Fees page for details.

DRINKING WATER			
Item No.	Parameter	Analytical Method	GSA Unit Price
GC/MS VOLATILE ORGANICS			
D1	Drinking Water Volatile Organics	EPA 524.2	\$ 120.90
D2	Drinking Water Volatile Organics, Single Compound	EPA 524.2	\$ 60.45
D3	Total Trihalomethanes (TTHMs)	EPA 524.2	\$ 72.54
GC/MS SEMIVOLATILE ORGANICS			
D4	Drinking Water Semivolatile Organics/ON and OP Pesticides	EPA 525.2/507	\$ 171.28
GC VOLATILE & SEMIVOLATILE ORGANICS			
D5	EDB/DBCP	EPA 504.1	\$ 68.51
D6	Carbamates	EPA 531.1	\$ 120.90
D7	Diquat & Paraquat	EPA 549.2	\$ 120.90
D8	Endothall	EPA 548.1	\$ 120.90
D9	Glyphosate	EPA 547	\$ 110.83
D10	PCBs	EPA 508	\$ 120.90
D11	Chlorinated Pesticides	EPA 508	\$ 120.90
D12	Chlorinated Pesticides/PCBs	EPA 508	\$ 130.98
METALS			
D13	Individual Metal by ICP	EPA 200.7	\$ 12.09
D14	Individual Metal by ICP/MS ⁽¹⁾	EPA 200.8	\$ 15.11
D15	Lead & Copper Rule	EPA 200.8	\$ 30.23
D16	CAM 17 Total Metals by ICP and CVAA	EPA 200.7/245.1	\$ 80.60
D17	CAM 17 Total Metals by ICP/MS and CVAA	EPA 200.8/245.1	\$ 95.71
D18	Mercury by CVAA	EPA 245.1	\$ 17.13
⁽¹⁾ ICP/MS method not used for the determination of minerals			
GENERAL CHEMISTRY/REGULATORY GROUPS			
D19	Individual Anion by Ion Chromatography	EPA 300.0	\$ 10.08
D20	Asbestos (Long fibers >10 microns)	EPA 100.2	\$ 105.79
D21	Asbestos (All fibers down to 0.5 microns)	EPA 100.2	\$ 171.28
D22	Color	SM 2120B	\$ 12.09
D23	Hexavalent Chromium by Ion Chromatography, Low Level	EPA 218.7	\$ 75.56
D24	Odor	SM 2150B	\$ 15.11
D25	Perchlorate	EPA 314.0	\$ 55.41
D26	Turbidity	SM 2130B	\$ 8.06
D27	California Title 22 - General Minerals	Per CA Title 22	\$ 176.31
D28	California Title 22 - General Physical	Per CA Title 22	\$ 35.26
D29	California Title 22 - Inorganic Chemicals	Per CA Title 22	\$ 186.39
D30	Primary Drinking Water Standards ⁽¹⁾	Various ⁽¹⁾	\$ 166.24
⁽¹⁾ EPA 200.8/245.1, EPA 300.0, SM 4500CN-C/E			

DRINKING WATER			
Item No.	Parameter	Analytical Method	GSA Unit Price
	DIOXIN		
D31	2,3,7,8-TCDD Only	EPA 1613B	\$ 332.48
	MICROBIOLOGY		
D32	Coliform, Total and Escherichia Coli (E. Coli) Presence/Absence	SM 9223B	\$ 30.23
D33	Coliform, Total and Fecal MPN	Quantitray/SM9223B	\$ 35.26
D34	Heterotrophic Plate Count (HPC) by Pour Plate Method	SM 9215B	\$ 38.29
	FOOTNOTES		
	Price of test includes a Level I or II report. Additional surcharges will apply for Level III or IV/V reports. See Rush Surcharges & Additional Fees page for details.		
	Prices include a 10 business day TAT. Expedited TAT is available where test methods permit and when available by lab. Standard rush surcharges and additional fees apply. See Rush Surcharges & Additional Fees page for details.		

AIR & SOIL VAPOR			
Item No.	Parameter	Analytical Method	GSA Unit Price
GC/MS VOLATILE/SEMIVOLATILE ORGANICS			
A1	Volatile Organic Compounds	EPA TO-15	\$ 125.94
A2	Volatile Organic Compounds + TPH as Gasoline	EPA TO-15	\$ 151.13
A3	Volatile Organic Compounds, BTEX + Oxygenates + TPH as Gasoline Only	EPA TO-15	\$ 115.86
GC VOLATILE/SEMIVOLATILE ORGANICS			
A4	Fixed Gases (CH ₄ only)	ASTM D1945/D1946	\$ 100.75
A5	Fixed Gases (O ₂ , N ₂ , CH ₄ , CO ₂ , CO)	ASTM D1945/D1946	\$ 110.83
A6	BTU, Carbon Range & Fixed Gases	ASTM D1945/D3588	\$ 100.75
A7	Hydrogen Sulfide	EPA 15/16/ASTM D5504	\$ 70.53
A8	Hydrocarbon Speciation (C2-C6)	EPA 18	\$ 100.75
A9	Total Reduced Sulfur	Various ⁽¹⁾	\$ 125.94
⁽¹⁾ EPA 15/16/ASTM D5504/FPD			
FOOTNOTES			
Price of test includes a Level I or II report. Additional surcharges will apply for Level III or IV/V reports. See Rush Surcharges & Additional Fees page for details.			
Prices include a 10 business day TAT. Expedited TAT is available where test methods permit and when available by lab. Standard rush surcharges and additional fees apply. See Rush Surcharges & Additional Fees page for details.			
Lab requires a minimum 5 business day notice of request for batch certified canisters and a minimum 7 business day notice of request for individually certified canisters. Expedited requests may be subject to additional shipping and/or handling charges at the discretion of the laboratory. Canister charges billed separately. See Rush Surcharges & Additional Fees page for details.			
Sample retention is dependent on canister availability. Extended retention may incur additional canister rental charges at the discretion of the laboratory.			

RADIOLOGICALS			
Item No.	Parameter	Analytical Method	GSA Unit Price
R1	Gamma (Photon) Emitters	EPA 901.1	\$ 161.20
R2	Gross Alpha	EPA 900.0	\$ 65.49
R3	Gross Beta	EPA 900.0	\$ 65.49
R4	Gross Alpha/Beta	EPA 900.0	\$ 80.60
R5	Radium 226	EPA 903.1	\$ 110.83
R6	Radium 228	EPA 904.0	\$ 110.83
R7	Radium 226 and 228 Combined	EPA 903.1/904.0	\$ 221.65
R8	Radon-222	SM 7500-RN	\$ 65.49
R9	Strontium 90	EPA 905.0	\$ 146.09
R10	Tritium	EPA 906.0	\$ 146.09
R11	Uranium, total	EPA 200.8	\$ 45.34
FOOTNOTES			
Price of test includes a Level I or II report. Additional surcharges will apply for Level III or IV/V reports. See Rush Surcharges & Additional Fees page for details.			
Prices include a 30 business day TAT. Expedited TAT is available where test methods permit and when available by lab. Standard rush surcharges and additional fees apply. See Rush Surcharges & Additional Fees page for details.			
Radiological tests may have additional preparation and/or sample handling charges for complex matrices.			

RUSH SURCHARGES & ADDITIONAL FEES		
Item No.		GSA Rate
	EXPEDITED TURNAROUND TIMES (TATs)	
L1	10 Working Days	Included
L2	9 Working Days*	+5%
L3	8 Working Days*	+10%
L4	7 Working Days*	+15%
L5	6 Working Days*	+20%
L6	5 Working Days*	+25%
L7	4 Working Days*	+35%
L8	3 Working Days*	+50%
L9	2 Working Days*	+75%
L10	1 Working Day*	+100%
L11	<24 Hr/ASAP*	+200%
* Accelerated turnaround times will be applied as permissible by the method		
	EXTENDED DATA PACKAGES	
L12	Chromatogram (per analysis)	\$ 10.08
L13	Level III Summary Data Package	+15%
L14	Level IV/V Full Data Package	+25%
	ELECTRONIC DATA DELIVERABLES (EDDs)	
L15	Standard Microsoft Excel EDD	\$ 10.08
L16	California State Water Resources Control Board EDT	\$ 20.15
L17	Geotracker EDF	\$ 25.19
Custom EDDs available upon request. Contact the laboratory for a quotation.		
	FIELD SERVICES	
L18	Field Technician Tier I (per hour)	\$ 75.56
L19	Field Technician Tier II/Special Project (per hour)	\$ 100.75
L20	Field Technician Tier III/Offshore (per hour)	\$ 125.94
L21	Geoprobe - 2 Man Crew (per hour) ⁽¹⁾	\$ 226.69
⁽¹⁾ Full project quotes available upon request. Consumables billed at an additional charge.		
	SAMPLE DISPOSAL CHARGES	
L22	Clean & Service Cylinder	\$ 10.08
L23	Hold/Dispose Sample (no analysis performed)	\$ 20.15

RUSH SURCHARGES & ADDITIONAL FEES

Item No.		GSA Rate
SAMPLE PREPARATION & SUPPLIES		
L24	Surcharge - Preparation of Complex Matrices (per hour)	\$ 75.56
L25	Compositing (per container)	\$ 5.04
L26	Lab Filtration for Aqueous Samples	\$ 14.11
L27	Encore Vial (EPA 5035) for Soil VOCs	\$ 7.05
L28	Encore (EPA 5035) Sampler Rental (per day)	\$ 15.11
L29	1L Volatile Organic Canister Rental, Stainless or BottleVac (Batch Certification) ⁽¹⁾	\$ 35.26
L30	1L Volatile Organic Canister Rental, Stainless or BottleVac (Individual Certification) ⁽¹⁾	\$ 75.56
L31	6L Volatile Organic Canister Rental, Stainless (Batch Certification) ⁽¹⁾	\$ 45.34
L32	6L Volatile Organic Canister Rental, Stainless (Individual Certification) ⁽¹⁾	\$ 85.64
L33	Flow Controller Rental ⁽¹⁾	\$ 20.15
L34	Tedlar Air Bag (0.5L)	\$ 10.08
L35	Tedlar Air Bag (1L)	\$ 12.09
L36	Tedlar Air Bag (3L)	\$ 15.11
L37	Tedlar Air Bag (5L)	\$ 20.15
L38	Trip Blank	\$ 7.05
⁽¹⁾ Rental time of 14 business days		
SHIPPING & HANDLING		
L39	DOT Lab Pack	\$ 75.56
SPECIAL PROJECT CHARGES		
L40	Senior Analyst/Manager (per hour)	\$ 100.75
L41	Project Manager (per hour)	\$ 85.64
L42	IT Support/EDD Development (per hour)	\$ 65.49
FOOTNOTES		
Where more than one applies, multipliers are additive.		
Courier service less than 30 miles from the facility is available at no extra charge.		
Supply, container and sample shipping may be assessed at the discretion of the laboratory.		

GENERAL CONDITIONS

- Unless alternative terms are agreed to in writing, the OEC Terms and Conditions of Sale shall supersede any terms contained on Client's standard purchase order forms or other documents used to order services.
- Analytical testing will be performed and reported using OEC standard protocols and reporting limits.
- Reports will be delivered within 10 business days of sample receipt, with the exception of high resolution mass spec dioxins and PCBs, and radiological parameters, assuming OEC receives at least 14 days advance notice of the sample delivery schedule.
- Record retention will be for a period of 5 years after analyses are reported.

SAMPLE DISPOSAL

OEC will dispose of samples, sample extracts and digestates, at no additional cost to clients, 30 days after the final report is issued, using best treatment methods defined by U.S. EPA. Storage of samples and containers beyond this time frame may be available for an additional fee. Request for additional storage time may be available under normal circumstances for a fee starting at \$1 per container. Please contact your PM to inquire about availability and cost. Samples that contain dioxin, mixed waste or are radioactive will be returned to the client.

COURIER SERVICE

Where Courier Service is offered by an OEC facility, OEC will pick up samples or drop off supplies during business hours, free of charge within a 30 mile radius of the facility. Courier services beyond those parameters outlined above are available at an additional hourly cost. Please contact your PM to inquire about availability. Courier services must be arranged at a minimum 24 hours in advance.

MULTIPLE DILUTIONS

OEC will report the analytical run containing the highest concentration component/analyte in the sample within the calibrated (quantifiable) range of the method. Analytical screening runs are not reported. The laboratory will generally not be able to attempt greater than 10-fold more concentrated analysis than the required dilution. Additional dilutions requested to be analyzed and reported can be provided at 50% of the analytical cost for "prepped" analyses and 70% of the analytical cost for all others. These additional dilutions will only be attempted if, in the opinion of the laboratory, they do not pose a risk to the instrumentation. Please contact your PM to inquire about the availability of this service for your particular project.

MULTIPLE REPORT/DELIVERABLE COPIES

OEC provides analytical reports in PDF format, which is included in the analytical cost. For additional deliverables, please refer to the Rush Surcharges & Additional Fees page. Client must specify which deliverables are required. Additional report copies, hard copies or deliverables beyond the above described services may be available for an additional charge. Data that requires retrieval from permanent storage may incur an additional archival charge. Please contact your PM to inquire about availability and cost of additional deliverables. Any express shipment of reports will be charged at OEC's cost or OEC can deliver by client's carrier of choice using the client's account.

SHIPPING OF SUPPLIES

Project-specific containers and preservatives shall be delivered via ground transportation at no additional cost to the client. A minimum of 3 days advance notice is required in order to achieve shipment by ground transportation. Supply shipments requiring priority due to insufficient lead time for ground transportation shall be charged to the client at OEC's cost. Alternatively, OEC can ship supplies via the client's carrier of choice using the client's account. Shipping costs for OCONUS projects will be added to the invoice, and will be paid by the client.

GENERAL CONDITIONS

PRICE DISCOUNTS

OEC prices may include a built in volume discount for larger sample projections. Such volume discounts are contingent upon receiving at a minimum of 70% of the projected sample volume. The laboratory may withdraw volume discount prices when the minimum sample amounts are not delivered.

MATRIX SPIKE/MATRIX SPIKE DUPLICATES (MS/MSD)

OEC complies with the required frequencies for MS/MSD per batch when applicable to the method requested. Any requested MS/MSD will be charged at unit rates. If MS/MSD are required/requested, the client must provide additional sample volume.

OTHER SERVICES AVAILABLE

The following services are available at your request, at an additional charge per project-specific quotations:

- Confirmation analyses where necessary to meet method or project requirements
- Consulting services and testimony
- Custom EDD, Data Entry or Statistical Reporting:
 - Custom/complex EDD set up
 - Reports of invoiced work, TAT reports
- Data retrieval, file searches
- Equipment rentals (if not returned within defined period of time, subject to additional surcharges)
- Extended and/or custom data packages
- Extract and hold samples
- Identification and reporting of Tentatively Identified Compounds (TICs) or additional compounds
- QAPjP templates, or development of and performance to custom project-specific QAPjPs
- Re-analysis due to matrix interferences
- Separation of multiphase samples into discrete samples
- Special confirmation analysis

REPORT DELIVERABLE OPTIONS

Oilfield Environmental and Compliance, Inc. (OEC), offers five levels of analytical data packages that comply with industry standard. The package most commonly requested by clients is our Level II, which contains all Level I components plus applicable Batch QC and case narratives. Please discuss with your Project Manager which data package may be suitable for the objectives of your project.

DATA DELIVERABLE COMPONENT	Level I	Level II*	Level III	Level IV	Level V
Cover letter with authorized signature	x	x	x	x	x
Sample results	x	x	x	x	x
Data qualifiers abbreviations and definitions	x	x	x	x	x
Chain of Custody	x	x	x	x	x
Sample Receipt summary	x	x	x	x	x
Case narrative (if needed)		x	x	x	x
Batch QC results summary (Method Blank, LCS/LCSD, Batch Duplicate, Batch MS/MSD)		x	x	x	x
Site-specific QC (if applicable) and/or Designated QC sample (DUP/MS/MSD) (upon request)			x	x	x
Sequence validation summary (Instrument blanks, MS tune summaries, CCVs, internal standards, metals interference checks)			x	x	x
CLP-Like forms (if requested)				x	x
Method Calibration data (Calibration curve, Response Factor summaries, ICVs)				x	x
Raw data (Chromatograms, quantitation reports, spectra, etc.)				x	x
Bench Sheets (Injection and/or Sequence logs, Extraction/Preparation logs)				x	x
Materials traceability					x

*Equivalent to OEC standard report format

LOCATIONS

Location Name	Location Type & Services	Cage Code	Street Address	City	State	Zip	Email Address	Phone	Fax
OEC Central Coast	Main laboratory facility	34UL9	307 Roemer Way, Suite 300	Santa Maria	CA	93454	info@oecusa.com	(805) 922-4772	N/A
OEC San Joaquin Valley	Satellite office, sample drop off, field services	N/A	101 Adkisson Way	Taft	CA	93268	info@oecusa.com	(661) 762-9143	N/A
OEC LA Basin	Satellite office, sample drop off	N/A	4464 McGrath St, Unit 104	Ventura	CA	93003	info@oecusa.com	(805) 922-4772	N/A

Customer Information

BUSINESS SIZE: Small

SOCIOECONOMIC INDICATORS: Woman Owned

1a. TABLE OF AWARDED SPECIAL ITEM NUMBERS (SINs)

SIN	SIN Description
541380	Testing Laboratories

1b. LOWEST PRICED MODEL NUMBER AND PRICE FOR EACH SIN:

(Government net price based on a unit of one - see below price list for rates and services offered.)

1c. HOURLY RATES: (Services Only)

All service rates shown are firm-fixed-price. See the below price list for rates and services offered. See the Labor Descriptions provided after the pricing information.

2. MAXIMUM ORDER*:

SIN	Max Order Limit
541380	\$250,000

*Ordering activities may request a price reduction at any time before placing an order, establishing a BPA, or in conjunction with the annual BPA review. However, the ordering activity shall seek a price reduction when the order or BPA exceeds the simplified acquisition threshold. Schedule contractors are not required to pass on to all schedule users a price reduction extended only to an individual ordering activity for a specific order or BPA.

3. MINIMUM ORDER: \$100

4. GEOGRAPHIC COVERAGE: Domestic, 50 states, Washington, DC, Puerto Rico, US Territories and to a CONUS port or consolidation point for orders received from overseas activities.

5. POINT(S) OF PRODUCTION: USA

6. DISCOUNT FOM LIST PRICES: GSA Net Prices are shown on GSA Advantage. Negotiated discount has been applied and the IFF has been added.

7. QUANTITY DISCOUNT(S): None

8. PROMPT PAYMENT TERMS: 2% 10, Net 30. Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions.

- 9a. Government Purchase Cards must be accepted at or below the micro-purchase threshold.**
- 9b. Government Purchase Cards are accepted above the micro-purchase threshold. Contact contractor for limit.**
- 10. FOREIGN ITEMS:** None
- 11a. TIME OF DELIVERY:** 10 Business Days, unless test method requires longer
- 11b. EXPEDITED DELIVERY:** Contact contractor
- 11c. OVERNIGHT AND 2-DAY DELIVERY:** Contact contractor
- 11d. URGENT REQUIREMENTS:** Customers are encouraged to contact the contractor for the purpose of requesting accelerated delivery.
- 12. FOB POINT:** Destination
- 13a. ORDERING ADDRESS:** 307 Roemer Way, Suite 300, Santa Maria, CA 93454
- 13b. ORDERING PROCEDURES:** For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPA's) are found in FAR 8.405-3.
- 14. PAYMENT ADDRESS:** 2010 Preisker Lane, Suite F, Santa Maria, CA 93454
- 15. WARRANTY PROVISION:** N/A
- 16. EXPORT PACKING CHARGES:** None
- 17. TERMS AND CONDITIONS OF GOVERNMENT PURCHASE CARD ACCEPTANCE:** Oilfield Environmental & Compliance, Inc. will accept government purchasing cards below and above the micro-purchase level.
- 18. TERMS AND CONDITIONS OF RENTAL, MAINTENANCE, AND REPAIR (IF APPLICABLE):** N/A
- 19. TERMS AND CONDITIONS OF INSTALLATION (IF APPLICABLE):** N/A
- 20. TERMS AND CONDITIONS OF REPAIR PARTS INDICATING DATE OF PARTS PRICE LISTS AND ANY DISCOUNTS FROM LIST PRICES (IF AVAILABLE):** N/A
- 20a. TERMS AND CONDITIONS FOR ANY OTHER SERVICES (IF APPLICABLE):** N/A
- 21. LIST OF SERVICE AND DISTRIBUTION POINTS (IF APPLICABLE):** N/A
- 22. LIST OF PARTICIPATING DEALERS (IF APPLICABLE):** None
- 23. PREVENTIVE MAINTENANCE (IF APPLICABLE):** N/A

24a. SPECIAL ATTRIBUTES SUCH AS ENVIRONMENTAL ATTRIBUTES (e.g. recycled content, energy efficiency, and/or reduced pollutants): N/A

24b. SECTION 508 COMPLIANCE FOR EIT: As applicable

25. DUNS NUMBER: 06-667-0084

26. NOTIFICATION REGARDING REGISTRATION IN SYSTEM FOR AWARD MANAGEMENT (SAM) DATABASE:
Contractor has an Active Registration in the SAM database.



QUALIFICATIONS

Mr. Carstens has been the owner and primary operator of OEC since 1997. Prior to that, he acquired extensive experience in the environmental and oil production analytical fields through education and hands-on experience in both a laboratory and field environment.

EDUCATION & CERTIFICATIONS

- B. S. Biochemistry, 1995, California Polytechnic State University, San Luis Obispo, CA
- B. S. Soil Science, 1995, California Polytechnic State University, San Luis Obispo, CA
- Registered Environmental Assessor (California Environmental Protection Agency. REA # 06476)
- OSHA HAZWOPER 8-hour Supervisor & 40-hour Trained (OSHA 29 CFR 1910.120)
- SECORP Industries Safety Class for H₂S
- California Water Environment Association (Laboratory Analyst # 311)

EXPERIENCE

1997-Present

Laboratory Director – Mr. Carstens manages operations for the analytical laboratory and field service firm. He has over 20 years laboratory experience in the analysis of environmental samples and has worked on numerous field sampling projects during this time. Mr. Carstens has extensive experience in the areas of air, gas, soil/water, and petroleum analysis, EPA protocols, and field sampling. He is responsible for overall management of technical operations, technical consulting functions, personnel development and business operations, including the direction of the financial and marketing departments. Mr. Carstens' consulting responsibilities include advising clients of the appropriate sampling and analytical protocols primarily related to, air and oil testing. He is integrally involved in data interpretation with the clients on such projects. He has also participated in the development of new sampling and analysis protocols for the measurement of gas and petroleum characteristics.

1993-1997 Cirrus Environmental, Santa Maria, CA

Soil & Chemist/Project Coordinator – Responsible project coordinator for laboratory based projects. Performed chemical analysis for laboratory and coordinated specific organic and inorganic analyses. Provided client consultation to determine the analytical methods most appropriate for their project.

1990-1993 Cal Poly State University, San Luis Obispo, CA

Worked as a laboratory technician to determine the change in cation exchange of soils amended with synthetic organic polymers. Also worked on the bio-degradation rate of diesel fuel, gasoline, and motor oil, using in situ bacteria CO₂ respiration rates.

MONITORING PROJECTS

Venoco Inc., South Ellwood Oil & Gas Facility, Santa Barbara, CA – He performed sample design, equipment selection, and analytical methods for the determination of petroleum and H₂S odor being emitted by the loading of a petroleum barge. Sampling points and interval of sampling were determined while on the barge for a 48-hour period. This remote site was tested on two separate occasions during the loading of 75,000 barrels of crude oil. Over 60 samples were taken during each loading event. Results of C1-C6 hydrocarbons, fixed gases, and hydrogen sulfide, were available to the client within a 3-day period.

Torch Operating Co. HS&P Facility, Lompoc, CA – Worked with Torch staff and Santa Barbara APCD to determine the accuracy of Del Mar Testing Unit located at HS&P. OEC provided a staff of technicians to gather 45 minute interval sampling from a produced gas stream during a 72-hour continuous sampling event. All samples were analyzed for hydrogen sulfide. The data from these tests assisted Torch in proper equipment replacement of the Del Mar unit. With the installation of a new gas processing system, OEC was asked to conduct weekly sampling and analysis of HS&P waste gas for hydrogen sulfide and mercaptans. OEC is also on call for the analysis of butane & propane mix, being produced by the HS&P facility. Analysis consists of field sampling, field-testing, and laboratory testing.

Dole Dried Fruit Co. Raisin Facility, Fresno, CA – While working for Cirrus Environmental, Inc., Mr. Carstens designed and implemented a two-week study of PM 10 emissions. The objective of the test program was to determine the PM 10 emissions from raisin dust, and determine if this facility was operating within their APCD permit. Four high volume samples were located around the perimeter of the testing facility. The method used during this test program was 40CFR Part 50 App. B PM10 High Volume Method.



QUALIFICATIONS

Ms. Long has over 20 years hands-on experience as a chemist, supervisor and laboratory manager in the environmental field.

EDUCATION & CERTIFICATION

- B.S., Biology, California State University, San Bernardino, 1979
- Laboratory Analyst Grade 3 by CWEA
- Certified Manager by Institute of Certified Professional Managers
- First Aid and CPR certified

AFFILIATIONS

- California Water Environment Association (CWEA); Tri-Counties Regional Section of CWEA

EXPERIENCE

2011–Current

Operations Director (2014-Current) – Responsible for oversight of all department function and optimization of all production processes for the laboratory.

Volatile Organics Department Manager (2011-2013) – Responsible for the scheduling, maintenance, and verifying QA/QC parameters were met for all data from the Volatile Organics Laboratory. Primarily responsible for new method development, analysis of proficiency testing (PT) samples, department validation including analysis of MDL/RL/DoCs for all supervised personnel, and training of technicians and analysts within this department.

2011 Colorado State University, Center for Environmental Management of Military Lands – Camp Roberts, CA

Environmental Technician – Assisted in the preparation of environmental documents according to the National Environmental Policy Act (NEPA) and California Environmental Quality Act (CEQA) requirements. Included the tracking of NEPA documents on the Share Point database. Reviewed and commented on environmental reports, technical documents, sampling data and Environmental Condition of Property (ECOP) documents. Assisted in site visits to activities and tenants on Camp Roberts to review environmental requirements and ensure compliance with laws and regulations. Provided contractor oversight for environmental projects. Oversaw the collection, management, and disposal of hazardous waste through satellite accumulation sites and the central accumulation points.

1996–2010 Creek Environmental Laboratory/Centauri Labs – San Luis Obispo, CA

Laboratory Manager (2000-2010) – Managed every aspect of the laboratory operations from setting goals to organizing, leading, and monitoring for the production of defensible data. Conducted the hiring, training and review of laboratory staff. Responsible for implementation and reporting of State Performance Evaluation Program. Involved with meeting criteria to maintain the laboratory's State Certification. Performed detailed second party review of analytical data. Used the Laboratory Information System (LIMS-Promium) extensively to monitor work flow in the laboratory. Maintained adequate supplies for the smooth functioning of the laboratory.

Inorganic Chemist (1996-2000) – Principal analyst for the determination of metals by Inductively Coupled Plasma (ICP), Atomic Absorption (AA), and mercury by cold-vapor AA. Performed the chemical and physical analysis of drinking water, wastewater, and solid samples performed according to EPA methods and Standard Methods. Used the LIMS system for sample status and reporting. Maintained laboratory equipment for peak performance.

Carrie McCrillis, *Quality Director & Human Resources Representative*



QUALIFICATIONS

Ms. McCrillis has over 18 years of experience in the environmental laboratory and quality system management field. Environmental laboratory experience includes performing as an analyst, Quality Manager, safety officer, project manager and laboratory director. Proficient in environmental contract review and data package compilation, EPA methodology and quality control systems, national and state regulatory agency requirements (NELAP/ELAP), ISO QMS, CLP & GLP protocols for data verification and validation.

EDUCATION

- B.S., Chemistry, California Polytechnic State University, San Luis Obispo, CA, 1999
- OSHA HAZWOPER 40-hour Trained (OSHA 29 CFR 1910.120)
- ISO Internal Auditor Training, 2006 (ASQ certified)

AFFILIATIONS

- American Chemical Society (ACS)
- American Society for Quality (ASQ)

EXPERIENCE

2008-Present

Quality Director/Human Resources Representative – Responsibilities include design and maintenance of OEC Quality Systems and Quality Assurance Program, including maintenance of state certification and all documentation related thereto. Maintenance of the document control system, including quality and technical documentation and organization structure related to employee training, performance evaluations, and instrument validation. Documentation and actions as necessary for corrective & preventive actions, instrument control limits, and performance of laboratory audits. Organization of annual department management reviews. Responsible for OEC's ongoing compliance with state and federal labor laws, employee records and orientation materials. Primary internal employee contact for HR-related issues or concerns.

2006-2008 Celite, World Minerals Inc., Imerys – Lompoc, CA

Quality System Specialist – Responsible for the maintenance of the site ISO certification and monitoring of quality system protocols, training, documentation, and internal audits. Performed general supervision and payroll processing for QC laboratory personnel. Participated in implementation and training for multiple enterprise-level software systems including IFS/THERMO-LIMS (ERP), Kronos (Payroll & Timekeeping), & Intelx (quality management software).

2002 – 2005 ZymaX envirotechnology, inc. – San Luis Obispo, CA

Quality Assurance Officer (2002-2005) – Responsibilities included management and revision of the QA Program including maintenance of state certification and all documentation related thereto. Included, but not limited to, all administrative and laboratory standard operating procedures, control documentation for all laboratory instruments, documentation of technical and analytical training for all analysts, documentation and monitoring of laboratory corrective actions, and organization of all performance evaluations and audits. Additionally responsible for the compilation of CLP and contract-design data packages.

Safety Officer (2003-2005) – Responsibilities included organization and maintenance of all safety-related hardware, consumables & documentation for the laboratory. Primary contact for any city, county, fire department or OSHA inspections. Responsible for overall employee safety awareness including annual training refreshers.

1999-2002 Cirrus Environmental, Inc. – Santa Maria, CA

Laboratory Director (2001-2002) – Oversaw laboratory operation and supervised all chemists, laboratory technicians and field technicians. Administered the Quality Assurance Program and was responsible for overall laboratory data quality as the primary signatory. Provided guidance for all analytical methodology and procedures. Responsible for the maintenance of laboratory certification through California ELAP. Acted as project manager and technical contact for all clients.

Quality Assurance/Quality Control Officer (1999-2001) – Reviewed all analytical data to meet quality control objectives prior to report generation. Responsible for all analytical report generation, including samples, QC and data packages. Responsible for maintenance and revision of the laboratory Quality Assurance Program and any internal or external audits. Maintenance of all laboratory quality documentation and state certification. Former positions: organic/inorganic analytical chemist/technician.



QUALIFICATIONS

Ms. Sprister has over 8 years of experience in the environmental laboratory industry. She has a strong working knowledge of applicable methods and regulations regarding air, water, wastewater and hazardous waste testing and disposal. She has an analytical background with environmental methods and instrumentation.

EDUCATION

- B.A. Environmental Studies, Minor in Music, 2008, University of California, Santa Barbara

EXPERIENCE

2010-Current

Lead Project Manager – Ms. Sprister is responsible for final laboratory data review, report generation and dissemination. She serves as primary client contact for laboratory and project activity. Other responsibilities include creating invoices, EDDs, Geotracker EDFs and loading data to client-specific databases. Ms. Sprister is also the primary contact for the compilation of CLP data packages. Previous responsibilities include performance of extractions and analyses in the Wet Chemistry & Inorganics Department.

2009-2010 Creek Environmental Laboratories, San Luis Obispo, CA

Inorganics & Wet Chemist/Laboratory Technician – Prepared and analyzed soil, drinking water and aqueous samples on laboratory machinery including ICP-MS, ICP-OES, Mercury by Cold Vapor AA and Flame AA. Performed STLC and TCLP extractions and analyses. Performed wet chemistry tests including Ferrous Iron, Orthophosphate, Fluoride by ISE, Hexavalent Chromium in water and soil, MBAS and Chemical Oxygen Demand. Performed short holding time tests including pH, turbidity, EC, color, odor and salinity. Proficient at all EPA Metals digestion methods including 3050, 3060, 3005, 200.7/.8 and 3010. Performed instrument maintenance.

2006-Current Drive Customs, San Luis Obispo, CA

Website Manager & Bookkeeper – Development and maintenance of a fully functional website including photos, services and contact information. Bill paying, invoice preparation, basic accounting and reconciliation using QuickBooks. Internet promotion, business card and logo design. Preparation of lease paperwork, dealer agreements and other technical documents.

Dwain Zsadanyi, *Department Manager,*
Semi-Volatile Organics, Oil & Gas



QUALIFICATIONS

Mr. Zsadanyi has over 30 years hands-on experience as an analyst and department manager running GC/MS for trace analysis of priority pollutants, hazardous substance list compounds, fuels in soil and water. Interpretation of mass spectra. Maintenance and cleaning of HP GC/MC's, autosamplers and purge-and-trap units. Training of new analysts. Method development and data interpretation.

EDUCATION

- B.S., Chemistry, California Polytechnic State University, San Luis Obispo, 1982
- Teaching Credential in Physical Science, California Polytechnic State University, San Luis Obispo, 1986
- OSHA HAZWOPER 40-hour Trained (OSHA 29 CFR 1910.120)

AFFILIATIONS

- American Chemical Society

EXPERIENCE

2006–Present

Department Manager – Mr. Zsadanyi is responsible for the scheduling, maintenance, and verifying QA/QC parameters are met for all data from the Semi-Volatile Organics and Oil/Gas laboratories. He is primarily responsible for any new method development, the analysis of proficiency testing (PT) samples, analysis of MDL / RL / DoCs for all supervised personnel, and training of technicians and analysts within this department.

2005–2006 Creek Environmental Laboratory – San Luis Obispo, CA

Project Manager – Provided technical client services & project coordination. Performed data review, provided result interpretation, and performed analyses as necessary.

1994–2005 ZymaX envirotechnology, inc. – San Luis Obispo, CA

Project Manager (2001–2005) – Responsible for data review, interpretation of analytical results and providing technical advice to clients. In charge of research and method development.

Semi-Volatile Laboratory Manager (1994-2001) – Responsible for operation of Semi-Volatile Organics GC/MS group. Primary duties included critical review of all data, final report generation, method development, staffing and scheduling. Additional duties included sample preparation, analysis, data interpretation, and instrument calibration and maintenance.

1990 – 1994 Coast to Coast Analytical Services – San Jose and San Luis Obispo, CA

Organics GC/MS Chemist – Performed volatile and semi-volatile methods. Sample preparation, analysis, data reduction and processing. Method development for new procedures/analysis (including low DL SIM analysis). Maintenance and repair of analytical equipment. Review and approval of reports. Organizing and scheduling workload and personnel. Purchasing/acquisition of supplies.

1984–1986 California Polytechnic State University – San Luis Obispo, CA

Laboratory Instructor – Plan, conduct and evaluate lessons. Record keeping and report writing of student performance.

1986–1990 Teacher – Various California School Districts

1969–1972 Food Inspector – U.S. Army

Analysis and inspection of food for army procurement. Site inspection of vendor facilities. Analysis for wholesomeness and specification requirements. Random sampling and sample preparation for QC reporting of consignments.