

## Contract Summary Form

ALS Group USA, Corp. Which Will Do Business in California As Columbia Analytical Services, Inc.  
3337 Michelson Dr. STE CN 750  
Irvine, CA 92612

### SUMMARY OF SIGNIFICANT CHANGES

1. N/A

### SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

ALS Environmental 1317 South 13th Avenue Kelso, WA 98626	Volatile and Semi-Volatile Organic Compound Analysis, Metals in Tissue Analysis	Unknown – Department’s future use of these services is unknown.
--	---	---

### CONTRACT OPERATING EXPENSES

	Group Name	Analysis & Billing Code	Analyses Performed	Unit Price
1	BTEX	BTEX		<b>\$48.50</b>
2	BTEX– Sediment	BTEX-S		<b>\$65.00</b>
3	CAM 17 Inorganic	CAM17		<b>\$80.00</b>
4	CAM 17 Inorganics – Sediment	CAM17-S		<b>\$95.00</b>
5	Carbamate Pesticides	CP		<b>No Bid</b>
6	Carbamate Pesticides - Sediment	CP-S		<b>No Bid</b>
7	Chlorinated Herbicides	HERB		<b>No Bid</b>
8	Chlorinated Herbicides - Sediment	HERB-S		<b>No Bid</b>
9	Complete CWA Trace Metals - Salt Water	MET-SW		<b>No Bid</b>
10	Complete CWA Trace Metals - Sediment	MET-S		<b>No Bid</b>
11	Complete CWA Trace Metals	MET		<b>No Bid</b>
12	Complete Pesticides	CPest		<b>No Bid</b>
13	Fipronil Insecticide and Degradants	FIP		<b>No Bid</b>
14	Fipronil Insecticide and Degradants – Sediment	FIPS		<b>No Bid</b>
15	General Mineral	GM	pH, EC, Turbidity, Ca, Mg, Na, K, CO3, TDS, HCO3, Cl, SO4, F, NO3, SiO2, B, Hardness as CaCO3, CO2 (by difference)	<b>\$95.00</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
16	Indicator Bacteria	BactiMF	Total Coliform, Fecal Coliform, Enterococcus	<b>No Bid</b>
17	Neonicitinoid Pesticides	NEONIC		<b>No Bid</b>
18	Neonicitinoid Pesticides – Sediment	NEONIC-S		<b>No Bid</b>
19	Nutrient	NUT	pH, EC, Turbidity, NO2+NO3, NH3, TKN, PO4, Ortho P, TSS, VSS	<b>\$110.00</b>
20	Organics, Total Toxic	TTO		<b>No Bid</b>
21	Organics, Total Toxic (Purgeable)	TPO		<b>No Bid</b>
22	Organics, Volatile	VOC	See Federal Register	<b>\$55.00</b>
23	Organics, Volatile – Sediment	VOC-S		<b>\$95.00</b>
24	Organochlorine Pesticides	OCP - EPA 8081A		<b>\$80.00</b>
25	Organochlorine Pesticides	OCP		<b>\$80.00</b>
26	Organochlorine Pesticides and PCBs in Tissue	OCP-T	40 CFR, Part 423Section II.C	<b>No Bid – This bid withdrawn in contract</b>
27	Organochlorine Pesticides Sediment	OCP-S		<b>\$80.00</b>
28	Organophosphate Pesticides	OPP		<b>No Bid</b>
29	Organophosphate Pesticides - Sediment	OPP-S		<b>No Bid</b>
30	PCB's - Sediment	PCB-S	Aroclors, Congeners See Federal Register	<b>No Bid</b>
31	PCB's - Tissue	PCB-T		<b>No Bid</b>
32	Pest., Herb., PCBs, Pyreth – Sediment	PHP-PP-S		<b>No Bid</b>
33	Pharmecutical and Personal Care Products	PPCP		<b>No Bid</b>
34	Phenolic Compounds	PHEN		<b>No Bid</b>
35	Polybrominated Diphenyl Ethers	PBDE		<b>No Bid</b>
36	Polybrominated Diphenyl Ethers - Sediment	PBDE-S		<b>No Bid</b>
37	Polychlorinated Biphenyls (PCBs)	PCB	Aroclors, Congeners, See Federal Register	<b>No Bid</b>
38	Polychlorinated Dibenzo-P-Dioxins	PDD	See Federal Register	<b>No Bid</b>
39	Polyfluorakyl Substances	PFAS		<b>\$225.00</b>
40	Polynuclear Aromatic Hydrocarbons	PAH		<b>No Bid</b>
41	Polynuclear Aromatic Hydrocarbons - Sediment	PAH-S		<b>No Bid</b>
42	Pyrethroid Pesticides	PP		<b>No Bid</b>
43	Pyrethroid Pesticides – Sediment	PP-S		<b>No Bid</b>
44	Radioactivity	RAD		<b>No Bid</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
45	Rainwater	RAIN	pH, EC, NO2+NO3, NH3, TKN, SO4, PO4, TDS, Na, Cl , Cu, Cd, Cr, Fe, Ni, Pb, Zn	<b>\$120.00</b>
46	Rare Earth Elements	REE		<b>No Bid</b>
47	Sediment Quality Objectives – Sediment	SQO-S		<b>No Bid</b>
48	Selenium in Tissue	Se-T		<b>\$18.00</b>
49	Selenium Speciation	Se-spec		<b>No Bid</b>
50	Selenium Speciation, full analysis	Se-spec, full		<b>No Bid</b>
51	SemiVolatile Organic Compounds	SVOC		<b>\$85.00</b>
52	SemiVolatile Organic Compounds - Sediment	SVOC-S		<b>\$105.00</b>
53	Soluble Threshold Limit Concentration (STLC)	STLC	California Administrative Code Title 22, Article 11(CAM)	<b>No Bid</b>
54	Total Nitrogen and Phosphorus in Plant Material	NPP		<b>No Bid</b>
55	Total Nitrogen and Phosphorus in Sediment	NPS		<b>No Bid</b>
56	Total Petroleum Hydrocarbons – Carbon Chain	TPH-CC	Modified 8015B	<b>No Bid</b>
57	Total Petroleum Hydrocarbons – Carbon Chain in Sediment	TPHS-CC	Modified 8015B	<b>No Bid</b>
58	Total Petroleum Hydrocarbons Diesel, Gasoline and Oil Range	TPH	Modified 8015	<b>\$75.00</b>
59	Total Petroleum Hydrocarbons – Sediment (EPA 8015M)	TPH-S	Modified 8015	<b>\$55.00</b>
60	Total Recoverable Petroleum Hydrocarbons	TRPH	SGT-HEM	<b>\$42.00</b>
61	Total Recoverable Petroleum Hydrocarbons – Sediment	TRPH-S	IR Spectrophotometric Method	<b>No Bid</b>
62	Total Threshold Limit	TTLC	California Administrative Code Title 22, Article 11(CAM)	<b>\$85.00</b>
63	TPH as Diesel and Oil (Oil and Diesel Range Organics)	TPH as Diesel and Oil		<b>\$55.00</b>
64	Trace Metals – Freshwater	TRF	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>\$35.00</b>
65	Trace Metals – Freshwater	TRF Ag Se Fe Hg TI		<b>\$25.00</b>
66	Trace Metals – Freshwater	TRF As Se		<b>\$10.00</b>
67	Trace Metals – Freshwater	TRF As Se Fe	Ag, As, Cd, Cr, Cu, Fe, Ni, Pb, Se, Zn	<b>\$47.50</b>
68	Trace Metals – Freshwater	TRF As Se Hg		<b>\$15.00</b>
69	Trace Metals - Freshwater, Priority Pollutants	TPP		<b>No Bid</b>

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
70	Trace Metals – Seawater complete	TRSWspc		<b>No Bid</b>
71	Trace Metals – Tissue	TRF-T		<b>\$85.00</b>
72	Trace Metals - Sediment	TRS	Ag, As, Be, Cd, Cr, Cu, Hg, Fe, Ni, Pb, Se, Sb, Tl, Zn	<b>\$66.00</b>
73	Trace Metals - Seawater	TRSW	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>No Bid</b>
74	TTLCS Sediment	TTLCS	California Administrative Code Title 22, Article 11(CAM)	<b>\$85.00</b>

A. Individual Analyses

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
1	1,4- Dioxane	DIOX	<b>No Bid</b>
2	Acetaminophen	ACET	<b>No Bid</b>
3	Acid Volatile Sulfides - Sediment	AVS	<b>No Bid</b>
4	Alkalinity	ALKA	<b>\$13.00</b>
5	Aluminum- Seawater	Al-SW	<b>No Bid</b>
6	Aluminum– Sediment	Al-S	<b>\$8.00</b>
7	Aluminum, ICP	AL-ICP	<b>\$5.00</b>
8	Aluminum, ICP-MS	Al	<b>\$5.00</b>
9	Ammonia as N - Sediment	NH3-S	<b>No Bid</b>
10	Antimony – Sediment	Sb-S	<b>\$8.00</b>
11	Antimony- Seawater	Sb-SW	<b>No Bid</b>
12	Antimony, ICP-MS	Sb	<b>\$5.00</b>
13	Arsenic - Seawater	As-SW	<b>No Bid</b>
14	Arsenic – Sediment	As-S	<b>\$8.00</b>
15	Arsenic, ICP-MS	As	<b>\$5.00</b>
16	Avian GFD Gene Marker	AvianGFD	<b>No Bid</b>
17	Biological Oxygen Demand, Total	BOD	<b>\$17.00</b>
18	Barium - Seawater	Ba-SW	<b>No Bid</b>
19	Barium – Sediment	Ba-S	<b>\$8.00</b>
20	Barium, ICP	Ba-ICP	<b>\$5.00</b>
21	Barium, ICP-MS	Ba	<b>\$5.00</b>
22	Beryllium - Seawater	Be-SW	<b>No Bid</b>
23	Beryllium – Sediment	Be-S	<b>\$8.00</b>
24	Beryllium, ICP-MS	Be	<b>\$5.00</b>
25	Bismuth - Seawater	Bi-SW	<b>No Bid</b>
26	Bismuth – Sediment	Bi-S	<b>\$8.00</b>
27	Bismuth, ICP-MS	Bi	<b>\$5.00</b>
28	Boron - Seawater	B-SW	<b>No Bid</b>
29	Boron – Sediment	BO-S	<b>\$8.00</b>
30	Boron, ICP-MS	B	<b>\$5.00</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
31	Boron, Circumin Method	BCM	<b>No Bid</b>
32	Bromide	Br	<b>\$10.00</b>
33	Chemical Oxygen Demand	COD	<b>\$11.50</b>
34	Cadmium - Seawater	Cd-SW	<b>No Bid</b>
35	Cadmium - Sediment	Cd-S	<b>\$8.00</b>
36	Cadmium, ICP-MS	Cd	<b>\$5.00</b>
37	Calcium – ICP	Ca-ICP	<b>No Bid</b>
38	Calcium, EDTA	Ca	<b>No Bid</b>
39	Canine Gene Marker	BacCan	<b>No Bid</b>
40	Carbon dioxide, Titrimetric	CO2	<b>No Bid</b>
41	Carbonaceous BOD	cBOD	<b>\$18.00</b>
42	Chloride, Mercuric Nitrate Method	Cl	<b>No Bid</b>
43	Chlorine residual, DPD	CIR	<b>No Bid</b>
44	Chlorine residual, Iodometric	CIRI	<b>No Bid</b>
45	Chlorophyll A	CHLA	<b>\$75.00</b>
46	Chromium, Hexavalent	Cr6	<b>No Bid</b>
47	Chromium, Total - Seawater	Cr-SW	<b>No Bid</b>
48	Chromium, Total - Sediment	Cr-S	<b>\$8.00</b>
49	Chromium, Total, ICP-MS	Cr	<b>\$5.00</b>
50	Coliform, Fecal, Membrane Filtration	FC	<b>No Bid</b>
51	Coliform, Total & Fecal, MF	TFC	<b>No Bid</b>
52	Coliform, Total, Membrane Filtration	TC	<b>No Bid</b>
53	Coliphage, Male Specific (F+)	FColiphage	<b>No Bid</b>
54	Coliphage, Somatic	SomColiphage	<b>No Bid</b>
55	Color, Spectrophotometric	COLOR	<b>\$6.00</b>
56	Conductivity	EC	<b>\$7.00</b>
57	Copper - Sediment	Cu-S	<b>\$8.00</b>
58	Copper, ICP-MS	Cu	<b>\$5.00</b>
59	Copper, Total - Seawater	Cu-SW	<b>No Bid</b>
60	Cyanide - Sediment	CN-S	<b>No Bid</b>
61	Cyanide, Amenable	CNA	<b>\$55.00</b>
62	Cyanide, Total, Distillation & Photometry	CND	<b>No Bid</b>
63	Dicofol – Sediment	DICO-S	<b>No Bid</b>
64	Dicofol	DICO	<b>No Bid</b>
65	Diquat	DIQ	<b>No Bid</b>
66	Dissolved Oxygen, Winkler Titration	DO	<b>No Bid</b>
67	E. Coli, Membrane Filtration	ECO	<b>No Bid</b>
68	Enterococcus, Membrane Filtration	ENT	<b>No Bid</b>
69	Fluoride	F	<b>\$8.00</b>
70	Glyphosate	GLYP	<b>No Bid</b>

	Individual Determination	Analysis & Billing Code	Unit Price
71	Gull Gene Marker	Gull2Taq	No Bid
72	Hardness, EDTA	HARD	No Bid
73	Human-specific HF183 Bacteriodes Gene Marker	HF183	No Bid
74	Human-specific HF183 Bacteriodes Gene Marker - Sediment	HF183-S	No Bid
75	Imazamox	IMM	No Bid
76	Imazapyr	IMP	No Bid
77	Iron - Sediment	Fe-S	\$8.00
78	Iron, ICP-MS	Fe	\$5.00
79	Isotope Analysis of Hydrogen (2H/1H) in Water	2H	No Bid
80	Isotope Analysis of Oxygen (18O/16O) in Water	18O	No Bid
81	Lead - Seawater	Pb-SW	No Bid
82	Lead - Sediment	Pb-S	\$8.00
83	Lead, ICP-MS	Pb	\$5.00
84	Lipids - Tissue	%LIPID-T	No Bid
85	Lithium - Sediment	Li-S	\$8.00
86	Lithium, ICP-MS	Li	\$5.00
87	Magnesium - Sediment	Mg-S	\$8.00
88	Magnesium, ICP	Mg-ICP	\$5.00
89	Magnesium, ICP-MS	Mg	\$5.00
90	Manganese - Sediment	Mn-S	\$8.00
91	Manganese, ICP-MS	Mn	\$5.00
92	MBAS, Colorimetric	MBAS	No Bid
93	Mercury - Sediment	Hg-S	\$18.00
94	Mercury, Cold Vapor	Hg	No Bid
95	Microbial Source Tracking	MST	No Bid
96	Moisture - Sediment	%MSTR	\$8.00
97	Moisture - Tissue	%MSTR-T	No Bid
98	Molybdenum - Seawater	Mo-SW	No Bid
99	Molybdenum - Sediment	Mo-S	\$8.00
100	Molybdenum, ICP-MS	Mo	\$5.00
101	MTBE - Sediment	MTBE-S	No Bid
102	Nickel - Seawater	Ni-SW	No Bid
103	Nickel - Sediment	Ni-S	\$8.00
104	Nickel, ICP-MS	Ni	\$5.00
105	Nitrate + Nitrite as NO3	NO3/NO2 -IC	\$16.00
106	Nitrate + Nitrite as NO3	NO3/NO2	No Bid
107	Nitrate as N	NO3-N	\$8.00
108	Nitrite, (Spectrophotometric)	NO2	No Bid
109	Nitrogen, Ammonia Direct	NH3-D	No Bid
110	Nitrogen, Ammonia Distilled	NH3	No Bid

	Individual Determination	Analysis & Billing Code	Unit Price
111	Nitrogen, Total	TN	No Bid
112	Nitrogen, Total in Sediment	TN-S	No Bid
113	Nitrogen, Total Kjeldahl	TKN	No Bid
114	Nonylphenol	ALKYL PHEN	No Bid
115	Odor	ODOR	\$9.00
116	Oil & Grease – Sediment	OG-S	No Bid
117	Oil & Grease, Partition Gravimetric	OGPG	No Bid
118	Organic Carbon, Dissolved	DOC	\$28.00
119	Organic Carbon, Total - Sediment	TOC-S	No Bid
120	Organic Carbon, Total	TOC	\$26.00
121	Particle Size Distribution	PS	\$75.00
122	Pentachlorophenol	PENTA	No Bid
123	Perchlorate	PERC	No Bid
124	Petroleum Hydrocarbons, Total as Gasoline	TPH as Gasoline	No Bid
125	pH	pH	\$4.00
126	pH in Sediment	pH-S	No Bid
127	Phosphate, Ortho (IC)	PO4O	No Bid
128	Phosphorus, Total - Sediment	P-S	No Bid
129	Phosphorus, Total	P	\$11.00
130	Potassium	K	\$5.00
131	Potassium, ICP	K-ICP	\$5.00
132	Residue, Settleable Solids (SS)	SSR	No Bid
133	Residue, Total Filterable (TFR or TDS), dried at 180°C	TDS	\$12.00
134	Residue, Total Nonfilterable (TN, FR or TSS)	TSS	\$12.00
135	Residue, Total Volatile Nonfilterable (VSS) ignition at 550°C	VSS	\$18.00
136	Residue, Total Volatile Solids (TVS), ignition at 550°C	TVS	No Bid
137	Salinity	SAL	No Bid
138	Selenium - Seawater	Se-SW	No Bid
139	Selenium - Sediment	Se-S	\$8.00
140	Selenium, ICP-MS	Se	\$5.00
141	Selenium – Tissue	Se-T	\$18.00
142	Silica, Dissolved	SiO2	\$18.00
143	Silver - Seawater	Ag-SW	No Bid
144	Silver - Sediment	Ag-S	\$8.00
145	Silver, ICP-MS	Ag	\$5.00
146	Sodium, ICP	Na-ICP	\$5.00
147	Solids - Sediment	%SOLID	\$8.00
148	Stable Isotopes, Dissolved Nitrate (Nitrogen-15, Oxygen-18)	15N18O	No Bid

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
149	Stable Isotopes, Dissolved Sulfate (Sulfur-34, Oxygen-18)	34S18O	<b>No Bid</b>
150	Sulfate	SO4	<b>\$8.00</b>
151	Sulfide, Dissolved	SD	<b>\$10.00</b>
152	Sulfide, Total – Sediment	SUL-S	<b>No Bid</b>
153	Sulfide, Total	ST	<b>\$10.00</b>
154	Sulfite	SO3	<b>No Bid</b>
155	Sulfur, Total - Sediment	ST-S	<b>No Bid</b>
156	Sulfur, Total	S	<b>No Bid</b>
157	Suspended Sediment Concentration	SSC	<b>No Bid</b>
158	Thallium - Seawater	TI-SW	<b>No Bid</b>
159	Thallium - Sediment	TI-S	<b>\$8.00</b>
160	Thallium, ICP-MS	TI	<b>\$5.00</b>
161	Tin - Seawater	Sn-SW	<b>No Bid</b>
162	Tin - Sediment	Sn-S	<b>\$8.00</b>
163	Tin, ICP-MS	Sn	<b>\$5.00</b>
164	Tributyl Tin	TBT	<b>No Bid</b>
165	Triclopyr	TRICLPYR	<b>No Bid</b>
166	Turbidity	TURB	<b>\$6.00</b>
167	UV Absorbance @ 254 nm	UV 254	<b>\$25.00</b>
168	Vanadium - Seawater	V-SW	<b>No Bid</b>
169	Vanadium - Sediment	V-S	<b>\$8.00</b>
170	Vanadium, ICP-MS	V	<b>\$5.00</b>
171	Zinc - Seawater	Zn-SW	<b>No Bid</b>
172	Zinc - Sediment	Zn-S	<b>\$8.00</b>
173	Zinc, ICP-MS	Zn	<b>\$5.00</b>

**B. Additional Rates:**

	<b>Job Title</b>	<b>Hourly Rate</b>
1.	Lab Director/ Manager	<b>\$150.00</b>
2.	Supervising Chemist	<b>\$75.00</b>
3.	Project Manager	<b>\$55.00</b>
4.	Technicians	<b>\$45.00</b>
5.	Clerical Staff	<b>\$40.00</b>
6.	Aqueous Sample Filtration (flat rate per sample)	<b>\$18.00</b>

**TOTAL AGGREGATE CONTRACT AMOUNT NOT TO EXCEED:** (Aggregate amount between **Four (4)** Contractors):  
 ..... \$ **3,210,000.00**



## Contract Summary Form

Enthalpy Analytical, LLC  
1 Park Plaza Suite 1000  
Irvine, CA 92614

### SUMMARY OF SIGNIFICANT CHANGES

1. N/A

### SUBCONTRACTORS

1. This contract does not currently include subcontractors or pass through to other providers.

### CONTRACT OPERATING EXPENSES

	Group Name	Analysis & Billing Code	Analyses Performed	Unit Price
1	BTEX	BTEX		<b>\$65.00</b>
2	BTEX– Sediment	BTEX-S		<b>No Bid</b>
3	CAM 17 Inorganic	CAM17		<b>No Bid</b>
4	CAM 17 Inorganics – Sediment	CAM17-S		<b>No Bid</b>
5	Carbamate Pesticides	CP		<b>No Bid</b>
6	Carbamate Pesticides - Sediment	CP-S		<b>No Bid</b>
7	Chlorinated Herbicides	HERB		<b>No Bid</b>
8	Chlorinated Herbicides - Sediment	HERB-S		<b>No Bid</b>
9	Complete CWA Trace Metals - Salt Water	MET-SW		<b>No Bid</b>
10	Complete CWA Trace Metals - Sediment	MET-S		<b>No Bid</b>
11	Complete CWA Trace Metals	MET		<b>No Bid</b>
12	Complete Pesticides	CPest		<b>No Bid</b>
13	Fipronil Insecticide and Degradants	FIP		<b>No Bid</b>
14	Fipronil Insecticide and Degradants – Sediment	FIPS		<b>No Bid</b>
15	General Mineral	GM	pH, EC, Turbidity, Ca, Mg, Na, K, CO <sub>3</sub> , TDS, HCO <sub>3</sub> , Cl, SO <sub>4</sub> , F, NO <sub>3</sub> , SiO <sub>2</sub> , B, Hardness as CaCO <sub>3</sub> , CO <sub>2</sub> (by difference)	<b>\$100.00</b>
16	Indicator Bacteria	BactiMF	Total Coliform, Fecal Coliform, Enterococcus	<b>No Bid</b>
17	Neonicitinoid Pesticides	NEONIC		<b>No Bid</b>
18	Neonicitinoid Pesticides – Sediment	NEONIC-S		<b>No Bid</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
19	Nutrient	NUT	pH, EC, Turbidity, NO2+NO3, NH3, TKN, PO4, Ortho P, TSS, VSS	<b>\$100.00</b>
20	Organics, Total Toxic	TTO		<b>No Bid</b>
21	Organics, Total Toxic (Purgeable)	TPO		<b>No Bid</b>
22	Organics, Volatile	VOC	See Federal Register	<b>\$95.00</b>
23	Organics, Volatile – Sediment	VOC-S		<b>No Bid</b>
24	Organochlorine Pesticides	OCP - EPA 8081A		<b>No Bid</b>
25	Organochlorine Pesticides	OCP		<b>No Bid</b>
26	Organochlorine Pesticides and PCBs in Tissue	OCP-T	40 CFR, Part 423Section II.C	<b>No Bid</b>
27	Organochlorine Pesticides Sediment	OCP-S		<b>No Bid</b>
28	Organophosphate Pesticides	OPP		<b>No Bid</b>
29	Organophosphate Pesticides - Sediment	OPP-S		<b>No Bid</b>
30	PCB's - Sediment	PCB-S	Aroclors, Congeners See Federal Register	<b>No Bid</b>
31	PCB's - Tissue	PCB-T		<b>No Bid</b>
32	Pest., Herb., PCBs, Pyreth – Sediment	PHP-PP-S		<b>No Bid</b>
33	Pharmecutical and Personal Care Products	PPCP		<b>No Bid</b>
34	Phenolic Compounds	PHEN		<b>No Bid</b>
35	Polybrominated Diphenyl Ethers	PBDE		<b>No Bid</b>
36	Polybrominated Diphenyl Ethers - Sediment	PBDE-S		<b>No Bid</b>
37	Polychlorinated Biphenyls (PCBs)	PCB	Aroclors, Congeners, See Federal Register	<b>No Bid</b>
38	Polychlorinated Dibenzo-P-Dioxins	PDD	See Federal Register	<b>No Bid</b>
39	Polyfluorakyl Substances	PFAS		<b>No Bid</b>
40	Polynuclear Aromatic Hydrocarbons	PAH		<b>No Bid</b>
41	Polynuclear Aromatic Hydrocarbons - Sediment	PAH-S		<b>No Bid</b>
42	Pyrethroid Pesticides	PP		<b>No Bid</b>
43	Pyrethroid Pesticides – Sediment	PP-S		<b>No Bid</b>
44	Radioactivity	RAD		<b>No Bid</b>
45	Rainwater	RAIN	pH, EC, NO2+NO3, NH3, TKN, SO4, PO4, TDS, Na, Cl , Cu, Cd, Cr, Fe, Ni, Pb, Zn	<b>No Bid</b>
46	Rare Earth Elements	REE		<b>No Bid</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
47	Sediment Quality Objectives – Sediment	SQO-S		<b>No Bid</b>
48	Selenium in Tissue	Se-T		<b>No Bid</b>
49	Selenium Speciation	Se-spec		<b>No Bid</b>
50	Selenium Speciation, full analysis	Se-spec, full		<b>No Bid</b>
51	SemiVolatile Organic Compounds	SVOC		<b>No Bid</b>
52	SemiVolatile Organic Compounds - Sediment	SVOC-S		<b>No Bid</b>
53	Soluble Threshold Limit Concentration (STLC)	STLC	California Administrative Code Title 22, Article 11(CAM)	<b>No Bid</b>
54	Total Nitrogen and Phosphorus in Plant Material	NPP		<b>No Bid</b>
55	Total Nitrogen and Phosphorus in Sediment	NPS		<b>No Bid</b>
56	Total Petroleum Hydrocarbons – Carbon Chain	TPH-CC	Modified 8015B	<b>\$70.00</b>
57	Total Petroleum Hydrocarbons – Carbon Chain in Sediment	TPHS-CC	Modified 8015B	<b>\$70.00</b>
58	Total Petroleum Hydrocarbons Diesel, Gasoline and Oil Range	TPH	Modified 8015	<b>\$70.00</b>
59	Total Petroleum Hydrocarbons – Sediment (EPA 8015M)	TPH-S	Modified 8015	<b>\$70.00</b>
60	Total Recoverable Petroleum Hydrocarbons	TRPH	SGT-HEM	<b>\$70.00</b>
61	Total Recoverable Petroleum Hydrocarbons – Sediment	TRPH-S	IR Spectrophotometric Method	<b>\$70.00</b>
62	Total Threshold Limit	TTLC	California Administrative Code Title 22, Article 11(CAM)	<b>No Bid</b>
63	TPH as Diesel and Oil (Oil and Diesel Range Organics)	TPH as Diesel and Oil		<b>No Bid</b>
64	Trace Metals – Freshwater	TRF	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>No Bid</b>
65	Trace Metals – Freshwater	TRF Ag Se Fe Hg Tl		<b>No Bid</b>
66	Trace Metals – Freshwater	TRF As Se		<b>No Bid</b>
67	Trace Metals – Freshwater	TRF As Se Fe	Ag, As, Cd, Cr, Cu, Fe, Ni, Pb, Se, Zn	<b>No Bid</b>
68	Trace Metals – Freshwater	TRF As Se Hg		<b>No Bid</b>
69	Trace Metals - Freshwater, Priority Pollutants	TPP		<b>No Bid</b>
70	Trace Metals – Seawater complete	TRSW/spc		<b>No Bid</b>
71	Trace Metals – Tissue	TRF-T		<b>No Bid</b>
72	Trace Metals - Sediment	TRS	Ag, As, Be, Cd, Cr, Cu, Hg, Fe, Ni, Pb, Se, Sb, Tl, Zn	<b>No Bid</b>
73	Trace Metals - Seawater	TRSW	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>No Bid</b>

	Group Name	Analysis & Billing Code	Analyses Performed	Unit Price
74	TTLCS Sediment	TTLCS	California Administrative Code Title 22, Article 11(CAM)	No Bid

## A. Individual Analyses

	Individual Determination	Analysis & Billing Code	Unit Price
1	1,4- Dioxane	DIOX	\$125.00
2	Acetaminophen	ACET	No Bid
3	Acid Volatile Sulfides - Sediment	AVS	No Bid
4	Alkalinity	ALKA	\$20.00
5	Aluminum- Seawater	Al-SW	No Bid
6	Aluminum– Sediment	Al-S	No Bid
7	Aluminum, ICP	AL-ICP	\$10.00
8	Aluminum, ICP-MS	Al	\$10.00
9	Ammonia as N - Sediment	NH3-S	No Bid
10	Antimony – Sediment	Sb-S	No Bid
11	Antimony- Seawater	Sb-SW	No Bid
12	Antimony, ICP-MS	Sb	\$10.00
13	Arsenic - Seawater	As-SW	No Bid
14	Arsenic – Sediment	As-S	No Bid
15	Arsenic, ICP-MS	As	\$10.00
16	Avian GFD Gene Marker	AvianGFD	No Bid
17	Biological Oxygen Demand, Total	BOD	\$55.00
18	Barium - Seawater	Ba-SW	No Bid
19	Barium – Sediment	Ba-S	No Bid
20	Barium, ICP	Ba-ICP	\$10.00
21	Barium, ICP-MS	Ba	\$10.00
22	Beryllium - Seawater	Be-SW	No Bid
23	Beryllium – Sediment	Be-S	No Bid
24	Beryllium, ICP-MS	Be	\$10.00
25	Bismuth - Seawater	Bi-SW	No Bid
26	Bismuth – Sediment	Bi-S	No Bid
27	Bismuth, ICP-MS	Bi	No Bid
28	Boron - Seawater	B-SW	No Bid
29	Boron – Sediment	BO-S	No Bid
30	Boron, ICP-MS	B	\$10.00
31	Boron, Circumin Method	BCM	No Bid
32	Bromide	Br	\$15.00
33	Chemical Oxygen Demand	COD	\$45.00
34	Cadmium - Seawater	Cd-SW	No Bid

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
35	Cadmium - Sediment	Cd-S	<b>No Bid</b>
36	Cadmium, ICP-MS	Cd	<b>\$10.00</b>
37	Calcium – ICP	Ca-ICP	<b>\$10.00</b>
38	Calcium, EDTA	Ca	<b>\$15.00</b>
39	Canine Gene Marker	BacCan	<b>No Bid</b>
40	Carbon dioxide, Titrimetric	CO2	<b>\$30.00</b>
41	Carbonaceous BOD	cBOD	<b>No Bid</b>
42	Chloride, Mercuric Nitrate Method	Cl	<b>No Bid</b>
43	Chlorine residual, DPD	CIR	<b>\$15.00</b>
44	Chlorine residual, Iodometric	CIRI	<b>\$15.00</b>
45	Chlorophyll A	CHLA	<b>\$100.00</b>
46	Chromium, Hexavalent	Cr6	<b>\$65.00</b>
47	Chromium, Total - Seawater	Cr-SW	<b>No Bid</b>
48	Chromium, Total - Sediment	Cr-S	<b>No Bid</b>
49	Chromium, Total, ICP-MS	Cr	<b>\$10.00</b>
50	Coliform, Fecal, Membrane Filtration	FC	<b>No Bid</b>
51	Coliform, Total & Fecal, MF	TFC	<b>No Bid</b>
52	Coliform, Total, Membrane Filtration	TC	<b>No Bid</b>
53	Coliphage, Male Specific (F+)	FColiphage	<b>No Bid</b>
54	Coliphage, Somatic	SomColiphage	<b>No Bid</b>
55	Color, Spectrophotometric	COLOR	<b>\$10.00</b>
56	Conductivity	EC	<b>\$15.00</b>
57	Copper - Sediment	Cu-S	<b>No Bid</b>
58	Copper, ICP-MS	Cu	<b>\$10.00</b>
59	Copper, Total - Seawater	Cu-SW	<b>No Bid</b>
60	Cyanide - Sediment	CN-S	<b>\$40.00</b>
61	Cyanide, Amenable	CNA	<b>\$60.00</b>
62	Cyanide, Total, Distillation & Photometry	CND	<b>No Bid</b>
63	Dicofol – Sediment	DICO-S	<b>No Bid</b>
64	Dicofol	DICO	<b>No Bid</b>
65	Diquat	DIQ	<b>No Bid</b>
66	Dissolved Oxygen, Winkler Titration	DO	<b>No Bid</b>
67	E. Coli, Membrane Filtration	ECO	<b>No Bid</b>
68	Enterococcus, Membrane Filtration	ENT	<b>No Bid</b>
69	Fluoride	F	<b>\$25.00</b>
70	Glyphosate	GLYP	<b>No Bid</b>
71	Gull Gene Marker	Gull2Taq	<b>No Bid</b>
72	Hardness, EDTA	HARD	<b>\$35.00</b>
73	Human-specific HF183 Bacteriodes Gene Marker	HF183	<b>No Bid</b>
74	Human-specific HF183 Bacteriodes Gene Marker - Sediment	HF183-S	<b>No Bid</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
75	Imazamox	IMM	<b>No Bid</b>
76	Imazapyr	IMP	<b>No Bid</b>
77	Iron - Sediment	Fe-S	<b>No Bid</b>
78	Iron, ICP-MS	Fe	<b>\$10.00</b>
79	Isotope Analysis of Hydrogen (2H/1H) in Water	2H	<b>No Bid</b>
80	Isotope Analysis of Oxygen (18O/16O) in Water	18O	<b>No Bid</b>
81	Lead - Seawater	Pb-SW	<b>No Bid</b>
82	Lead - Sediment	Pb-S	<b>No Bid</b>
83	Lead, ICP-MS	Pb	<b>No Bid</b>
84	Lipids - Tissue	%LIPID-T	<b>No Bid</b>
85	Lithium - Sediment	Li-S	<b>No Bid</b>
86	Lithium, ICP-MS	Li	<b>No Bid</b>
87	Magnesium - Sediment	Mg-S	<b>No Bid</b>
88	Magnesium, ICP	Mg-ICP	<b>\$10.00</b>
89	Magnesium, ICP-MS	Mg	<b>\$10.00</b>
90	Manganese - Sediment	Mn-S	<b>No Bid</b>
91	Manganese, ICP-MS	Mn	<b>\$10.00</b>
92	MBAS, Colorimetric	MBAS	<b>\$50.00</b>
93	Mercury - Sediment	Hg-S	<b>No Bid</b>
94	Mercury, Cold Vapor	Hg	<b>\$20.00</b>
95	Microbial Source Tracking	MST	<b>No Bid</b>
96	Moisture - Sediment	%MSTR	<b>\$10.00</b>
97	Moisture - Tissue	%MSTR-T	<b>No Bid</b>
98	Molybdenum - Seawater	Mo-SW	<b>No Bid</b>
99	Molybdenum - Sediment	Mo-S	<b>No Bid</b>
100	Molybdenum, ICP-MS	Mo	<b>\$10.00</b>
101	MTBE - Sediment	MTBE-S	<b>\$40.00</b>
102	Nickel - Seawater	Ni-SW	<b>No Bid</b>
103	Nickel - Sediment	Ni-S	<b>No Bid</b>
104	Nickel, ICP-MS	Ni	<b>\$10.00</b>
105	Nitrate + Nitrite as NO3	NO3/NO2 -IC	<b>\$20.00</b>
106	Nitrate + Nitrite as NO3	NO3/NO2	<b>\$40.00</b>
107	Nitrate as N	NO3-N	<b>\$20.00</b>
108	Nitrite, (Spectrophotometric)	NO2	<b>\$20.00</b>
109	Nitrogen, Ammonia Direct	NH3-D	<b>No Bid</b>
110	Nitrogen, Ammonia Distilled	NH3	<b>No Bid</b>
111	Nitrogen, Total	TN	<b>No Bid</b>
112	Nitrogen, Total in Sediment	TN-S	<b>\$85.00</b>
113	Nitrogen, Total Kjeldahl	TKN	<b>\$60.00</b>
114	Nonylphenol	ALKYL PHEN	<b>No Bid</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
115	Odor	ODOR	<b>\$10.00</b>
116	Oil & Grease – Sediment	OG-S	<b>\$45.00</b>
117	Oil & Grease, Partition Gravimetric	OGPG	<b>No Bid</b>
118	Organic Carbon, Dissolved	DOC	<b>No Bid</b>
119	Organic Carbon, Total - Sediment	TOC-S	<b>No Bid</b>
120	Organic Carbon, Total	TOC	<b>\$45.00</b>
121	Particle Size Distribution	PS	<b>No Bid</b>
122	Pentachlorophenol	PENTA	<b>No Bid</b>
123	Perchlorate	PERC	<b>\$70.00</b>
124	Petroleum Hydrocarbons, Total as Gasoline	TPH as Gasoline	<b>\$45.00</b>
125	pH	pH	<b>\$10.00</b>
126	pH in Sediment	pH-S	<b>\$10.00</b>
127	Phosphate, Ortho (IC)	PO4O	<b>No Bid</b>
128	Phosphorus, Total - Sediment	P-S	<b>\$50.00</b>
129	Phosphorus, Total	P	<b>\$40.00</b>
130	Potassium	K	<b>\$10.00</b>
131	Potassium, ICP	K-ICP	<b>\$10.00</b>
132	Residue, Settleable Solids (SS)	SSR	<b>\$12.00</b>
133	Residue, Total Filterable (TFR or TDS), dried at 180°C	TDS	<b>\$12.00</b>
134	Residue, Total Nonfilterable (TN, FR or TSS)	TSS	<b>No Bid</b>
135	Residue, Total Volatile Nonfilterable (VSS) ignition at 550°C	VSS	<b>\$12.00</b>
136	Residue, Total Volatile Solids (TVS), ignition at 550°C	TVS	<b>No Bid</b>
137	Salinity	SAL	<b>No Bid</b>
138	Selenium - Seawater	Se-SW	<b>No Bid</b>
139	Selenium - Sediment	Se-S	<b>No Bid</b>
140	Selenium, ICP-MS	Se	<b>\$10.00</b>
141	Selenium – Tissue	Se-T	<b>No Bid</b>
142	Silica, Dissolved	SiO2	<b>\$15.00</b>
143	Silver - Seawater	Ag-SW	<b>No Bid</b>
144	Silver - Sediment	Ag-S	<b>No Bid</b>
145	Silver, ICP-MS	Ag	<b>\$10.00</b>
146	Sodium, ICP	Na-ICP	<b>\$10.00</b>
147	Solids - Sediment	%SOLID	<b>No Bid</b>
148	Stable Isotopes, Dissolved Nitrate (Nitrogen-15, Oxygen-18)	15N18O	<b>No Bid</b>
149	Stable Isotopes, Dissolved Sulfate (Sulfur-34, Oxygen-18)	34S18O	<b>No Bid</b>
150	Sulfate	SO4	<b>\$15.00</b>
151	Sulfide, Dissolved	SD	<b>\$40.00</b>
152	Sulfide, Total – Sediment	SUL-S	<b>No Bid</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
153	Sulfide, Total	ST	<b>No Bid</b>
154	Sulfite	SO3	<b>No Bid</b>
155	Sulfur, Total - Sediment	ST-S	<b>No Bid</b>
156	Sulfur, Total	S	<b>No Bid</b>
157	Suspended Sediment Concentration	SSC	<b>No Bid</b>
158	Thallium - Seawater	TI-SW	<b>No Bid</b>
159	Thallium - Sediment	TI-S	<b>No Bid</b>
160	Thallium, ICP-MS	TI	<b>\$10.00</b>
161	Tin - Seawater	Sn-SW	<b>No Bid</b>
162	Tin - Sediment	Sn-S	<b>No Bid</b>
163	Tin, ICP-MS	Sn	<b>\$10.00</b>
164	Tributyl Tin	TBT	<b>No Bid</b>
165	Triclopyr	TRICLPYR	<b>No Bid</b>
166	Turbidity	TURB	<b>\$15.00</b>
167	UV Absorbance @ 254 nm	UV 254	<b>No Bid</b>
168	Vanadium - Seawater	V-SW	<b>No Bid</b>
169	Vanadium - Sediment	V-S	<b>No Bid</b>
170	Vanadium, ICP-MS	V	<b>\$10.00</b>
171	Zinc - Seawater	Zn-SW	<b>No Bid</b>
172	Zinc - Sediment	Zn-S	<b>No Bid</b>
173	Zinc, ICP-MS	Zn	<b>\$10.00</b>

**B. Additional Rates:**

	<b>Job Title</b>	<b>Hourly Rate</b>
1.	Lab Director/ Manager	<b>\$125.00</b>
2.	Supervising Chemist	<b>\$105.00</b>
3.	Project Manager	<b>\$105.00</b>
4.	Technicians	<b>\$80.00</b>
5.	Clerical Staff	<b>\$50.00</b>
6.	Aqueous Sample Filtration (flat rate per sample)	<b>\$10.00</b>

**TOTAL AGGREGATE CONTRACT AMOUNT NOT TO EXCEED:** (Aggregate amount between **Four (4)** Contractors):  
 ..... **\$ 3,210,000.00**



## Contract Summary Form

Physis Environmental Laboratories, Inc.  
1904 East Wright Circle  
Anaheim, CA 92806

### SUMMARY OF SIGNIFICANT CHANGES

1. N/A

### SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:

Enthalpy Analytical 931 W. Barkley Ave. Orange, CA 92868	COD BOD CBOD COD Perchlorate TPHs VOCs	Unknown – Department’s future use of these services is unknown.
Eurofins Calscience 7440 Lincoln Way Garden Grove, CA 92841-1427	1,4-Dioxane	Unknown – Department’s future use of these services is unknown.
Bureau Veritas Laboratories 299 Cayuga Rd. c/o FedEx Depot Cheektowaga, NY 14225	Dioxins	Unknown – Department’s future use of these services is unknown.
Weck Labs 14859 East Clark Avenue City of Industry, CA 91745	Carbamates	Unknown – Department’s future use of these services is unknown.
UC Davis Stable Isotope Facility 387 N Quad Ave, Room 1210 PES Davis, CA 95616	Isotopes	Unknown – Department’s future use of these services is unknown.
North Coast Labs 5680 West End Road Arcata, CA 95521	Chlorinated Herbicides Glyphosate	Unknown – Department’s future use of these services is unknown.
Weston Solutions, Inc. 5817 Dryden Place, Suite 101 Carlsbad, CA 92008	Gene Markers MST	Unknown – Department’s future use of these services is unknown.
Fruit Growers Laboratories, Inc. 853 Corporation Street Santa Paula, CA 93060	Radioactivity	Unknown – Department’s future use of these services is unknown.

**CONTRACT OPERATING EXPENSES**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
1	BTEX	BTEX		<b>\$89.00</b>
2	BTEX– Sediment	BTEX-S		<b>\$89.00</b>
3	CAM 17 Inorganic	CAM17		<b>\$99.00</b>
4	CAM 17 Inorganics – Sediment	CAM17-S		<b>\$116.00</b>
5	Carbamate Pesticides	CP		<b>\$166.00</b>
6	Carbamate Pesticides - Sediment	CP-S		<b>\$166.00</b>
7	Chlorinated Herbicides	HERB		<b>\$224.00</b>
8	Chlorinated Herbicides - Sediment	HERB-S		<b>\$224.00</b>
9	Complete CWA Trace Metals - Salt Water	MET-SW		<b>\$239.00</b>
10	Complete CWA Trace Metals - Sediment	MET-S		<b>\$159.00</b>
11	Complete CWA Trace Metals	MET		<b>\$131.00</b>
12	Complete Pesticides	CPest		<b>\$611.00</b>
13	Fipronil Insecticide and Degradants	FIP		<b>\$191.00</b>
14	Fipronil Insecticide and Degradants – Sediment	FIPS		<b>\$191.00</b>
15	General Mineral	GM	pH, EC, Turbidity, Ca, Mg, Na, K, CO <sub>3</sub> , TDS, HCO <sub>3</sub> , Cl, SO <sub>4</sub> , F, NO <sub>3</sub> , SiO <sub>2</sub> , B, Hardness as CaCO <sub>3</sub> , CO <sub>2</sub> (by difference)	<b>\$139.00</b>
16	Indicator Bacteria	BactiMF	Total Coliform, Fecal Coliform, Enterococcus	<b>No Bid</b>
17	Neonicitinoid Pesticides	NEONIC		<b>\$191.00</b>
18	Neonicitinoid Pesticides – Sediment	NEONIC-S		<b>\$191.00</b>
19	Nutrient	NUT	pH, EC, Turbidity, NO <sub>2</sub> +NO <sub>3</sub> , NH <sub>3</sub> , TKN, PO <sub>4</sub> , Ortho P, TSS, VSS	<b>\$114.00</b>
20	Organics, Total Toxic	TTO		<b>\$466.00</b>
21	Organics, Total Toxic (Purgeable)	TPO		<b>No Bid</b>
22	Organics, Volatile	VOC	See Federal Register	<b>\$114.00</b>
23	Organics, Volatile – Sediment	VOC-S		<b>\$114.00</b>
24	Organochlorine Pesticides	OCP - EPA 8081A		<b>\$No Bid</b>
25	Organochlorine Pesticides	OCP		<b>\$191.00</b>
26	Organochlorine Pesticides and PCBs in Tissue	OCP-T	40 CFR, Part 423Section II.C	<b>\$214.00</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
27	Organochlorine Pesticides Sediment	OCP-S		<b>\$191.00</b>
28	Organophosphate Pesticides	OPP		<b>\$191.00</b>
29	Organophosphate Pesticides - Sediment	OPP-S		<b>\$191.00</b>
30	PCB's - Sediment	PCB-S	Aroclors, Congeners See Federal Register	<b>\$191.00</b>
31	PCB's - Tissue	PCB-T		<b>\$214.00</b>
32	Pest., Herb., PCBs, Pyreth – Sediment	PHP-PP-S		<b>\$631.00</b>
33	Pharmecutical and Personal Care Products	PPCP		<b>\$No Bid</b>
34	Phenolic Compounds	PHEN		<b>\$114.00</b>
35	Polybrominated Diphenyl Ethers	PBDE		<b>\$201.00</b>
36	Polybrominated Diphenyl Ethers - Sediment	PBDE-S		<b>\$201.00</b>
37	Polychlorinated Biphenyls (PCBs)	PCB	Aroclors, Congeners, See Federal Register	<b>\$191.00</b>
38	Polychlorinated Dibenzo-P-Dioxins	PDD	See Federal Register	<b>\$794.00</b>
39	Polyfluorakyl Substances	PFAS		<b>\$191.00</b>
40	Polynuclear Aromatic Hydrocarbons	PAH		<b>\$191.00</b>
41	Polynuclear Aromatic Hydrocarbons - Sediment	PAH-S		<b>\$191.00</b>
42	Pyrethroid Pesticides	PP		<b>\$191.00</b>
43	Pyrethroid Pesticides – Sediment	PP-S		<b>\$191.00</b>
44	Radioactivity	RAD		<b>\$249.00</b>
45	Rainwater	RAIN	pH, EC, NO2+NO3, NH3, TKN, SO4, PO4, TDS, Na, Cl , Cu, Cd, Cr, Fe, Ni, Pb, Zn	<b>\$136.00</b>
46	Rare Earth Elements	REE		<b>\$149.00</b>
47	Sediment Quality Objectives – Sediment	SQO-S		<b>\$464.00</b>
48	Selenium in Tissue	Se-T		<b>\$109.00</b>
49	Selenium Speciation	Se-spec		<b>No Bid</b>
50	Selenium Speciation, full analysis	Se-spec, full		<b>No Bid</b>
51	SemiVolatile Organic Compounds	SVOC		<b>\$464.00</b>
52	SemiVolatile Organic Compounds - Sediment	SVOC-S		<b>\$581.00</b>
53	Soluble Threshold Limit Concentration (STLC)	STLC	California Administrative Code Title 22, Article 11(CAM)	<b>\$179.00</b>
54	Total Nitrogen and Phosphorus in Plant Material	NPP		<b>\$99.00</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
55	Total Nitrogen and Phosphorus in Sediment	NPS		<b>\$89.00</b>
56	Total Petroleum Hydrocarbons – Carbon Chain	TPH-CC	Modified 8015B	<b>\$79.00</b>
57	Total Petroleum Hydrocarbons – Carbon Chain in Sediment	TPHS-CC	Modified 8015B	<b>\$79.00</b>
58	Total Petroleum Hydrocarbons Diesel, Gasoline and Oil Range	TPH	Modified 8015	<b>\$69.00</b>
59	Total Petroleum Hydrocarbons – Sediment (EPA 8015M)	TPH-S	Modified 8015	<b>\$69.00</b>
60	Total Recoverable Petroleum Hydrocarbons	TRPH	SGT-HEM	<b>\$69.00</b>
61	Total Recoverable Petroleum Hydrocarbons – Sediment	TRPH-S	IR Spectrophotometric Method	<b>\$69.00</b>
62	Total Threshold Limit	TTLC	California Administrative Code Title 22, Article 11(CAM)	<b>\$179.00</b>
63	TPH as Diesel and Oil (Oil and Diesel Range Organics)	TPH as Diesel and Oil		<b>\$69.00</b>
64	Trace Metals – Freshwater	TRF	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>\$79.00</b>
65	Trace Metals – Freshwater	TRF Ag Se Fe Hg Tl		<b>\$104.00</b>
66	Trace Metals – Freshwater	TRF As Se		<b>\$64.00</b>
67	Trace Metals – Freshwater	TRF As Se Fe	Ag, As, Cd, Cr, Cu, Fe, Ni, Pb, Se, Zn	<b>\$99.00</b>
68	Trace Metals – Freshwater	TRF As Se Hg		<b>\$99.00</b>
69	Trace Metals - Freshwater, Priority Pollutants	TPP		<b>\$99.00</b>
70	Trace Metals – Seawater complete	TRSWspc		<b>\$239.00</b>
71	Trace Metals – Tissue	TRF-T		<b>\$174.00</b>
72	Trace Metals - Sediment	TRS	Ag, As, Be, Cd, Cr, Cu, Hg, Fe, Ni, Pb, Se, Sb, Tl, Zn	<b>\$159.00</b>
73	Trace Metals - Seawater	TRSW	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>\$159.00</b>
74	TTLC Sediment	TTLCS	California Administrative Code Title 22, Article 11(CAM)	<b>\$179.00</b>

**A. Individual Analyses**

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
1	1,4- Dioxane	DIOX	<b>\$134.00</b>
2	Acetaminophen	ACET	<b>No Bid</b>
3	Acid Volatile Sulfides - Sediment	AVS	<b>\$54.00</b>
4	Alkalinity	ALKA	<b>\$11.00</b>
5	Aluminum- Seawater	Al-SW	<b>\$94.00</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
6	Aluminum– Sediment	Al-S	<b>\$34.00</b>
7	Aluminum, ICP	AL-ICP	<b>No Bid</b>
8	Aluminum, ICP-MS	Al	<b>\$24.00</b>
9	Ammonia as N - Sediment	NH3-S	<b>\$34.00</b>
10	Antimony – Sediment	Sb-S	<b>\$34.00</b>
11	Antimony- Seawater	Sb-SW	<b>\$94.00</b>
12	Antimony, ICP-MS	Sb	<b>\$24.00</b>
13	Arsenic - Seawater	As-SW	<b>\$94.00</b>
14	Arsenic – Sediment	As-S	<b>\$34.00</b>
15	Arsenic, ICP-MS	As	<b>\$24.00</b>
16	Avian GFD Gene Marker	AvianGFD	<b>\$279.00</b>
17	Biological Oxygen Demand, Total	BOD	<b>\$44.00</b>
18	Barium - Seawater	Ba-SW	<b>\$94.00</b>
19	Barium – Sediment	Ba-S	<b>\$34.00</b>
20	Barium, ICP	Ba-ICP	<b>No Bid</b>
21	Barium, ICP-MS	Ba	<b>\$24.00</b>
22	Beryllium - Seawater	Be-SW	<b>\$94.00</b>
23	Beryllium – Sediment	Be-S	<b>\$34.00</b>
24	Beryllium, ICP-MS	Be	<b>\$24.00</b>
25	Bismuth - Seawater	Bi-SW	<b>\$94.00</b>
26	Bismuth – Sediment	Bi-S	<b>\$34.00</b>
27	Bismuth, ICP-MS	Bi	<b>\$24.00</b>
28	Boron - Seawater	B-SW	<b>\$94.00</b>
29	Boron – Sediment	BO-S	<b>\$34.00</b>
30	Boron, ICP-MS	B	<b>\$24.00</b>
31	Boron, Circumin Method	BCM	<b>No Bid</b>
32	Bromide	Br	<b>No Bid</b>
33	Chemical Oxygen Demand	COD	<b>\$44.00</b>
34	Cadmium - Seawater	Cd-SW	<b>\$94.00</b>
35	Cadmium - Sediment	Cd-S	<b>\$34.00</b>
36	Cadmium, ICP-MS	Cd	<b>\$24.00</b>
37	Calcium – ICP	Ca-ICP	<b>No Bid</b>
38	Calcium, EDTA	Ca	<b>No Bid</b>
39	Canine Gene Marker	BacCan	<b>\$279.00</b>
40	Carbon dioxide, Titrimetric	CO2	<b>No Bid</b>
41	Carbonaceous BOD	cBOD	<b>\$49.00</b>
42	Chloride, Mercuric Nitrate Method	Cl	<b>No Bid</b>
43	Chlorine residual, DPD	CIR	<b>No Bid</b>
44	Chlorine residual, Iodometric	CIRI	<b>No Bid</b>
45	Chlorophyll A	CHLA	<b>\$59.00</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
46	Chromium, Hexavalent	Cr6	<b>\$49.00</b>
47	Chromium, Total - Seawater	Cr-SW	<b>\$94.00</b>
48	Chromium, Total - Sediment	Cr-S	<b>\$34.00</b>
49	Chromium, Total, ICP-MS	Cr	<b>\$24.00</b>
50	Coliform, Fecal, Membrane Filtration	FC	<b>No Bid</b>
51	Coliform, Total & Fecal, MF	TFC	<b>No Bid</b>
52	Coliform, Total, Membrane Filtration	TC	<b>No Bid</b>
53	Coliphage, Male Specific (F+)	FColiphage	<b>No Bid</b>
54	Coliphage, Somatic	SomColiphage	<b>No Bid</b>
55	Color, Spectrophotometric	COLOR	<b>\$24.00</b>
56	Conductivity	EC	<b>\$7.00</b>
57	Copper - Sediment	Cu-S	<b>\$34.00</b>
58	Copper, ICP-MS	Cu	<b>\$24.00</b>
59	Copper, Total - Seawater	Cu-SW	<b>\$94.00</b>
60	Cyanide - Sediment	CN-S	<b>\$54.00</b>
61	Cyanide, Amenable	CNA	<b>\$54.00</b>
62	Cyanide, Total, Distillation & Photometry	CND	<b>\$64.00</b>
63	Dicofol – Sediment	DICO-S	<b>\$144.00</b>
64	Dicofol	DICO	<b>\$144.00</b>
65	Diquat	DIQ	<b>No Bid</b>
66	Dissolved Oxygen, Winkler Titration	DO	<b>No Bid</b>
67	E. Coli, Membrane Filtration	ECO	<b>No Bid</b>
68	Enterococcus, Membrane Filtration	ENT	<b>No Bid</b>
69	Fluoride	F	<b>\$24.00</b>
70	Glyphosate	GLYP	<b>\$224.00</b>
71	Gull Gene Marker	Gull2Taq	<b>\$279.00</b>
72	Hardness, EDTA	HARD	<b>\$12.00</b>
73	Human-specific HF183 Bacteriodes Gene Marker	HF183	<b>\$279.00</b>
74	Human-specific HF183 Bacteriodes Gene Marker - Sediment	HF183-S	<b>\$289.00</b>
75	Imazamox	IMM	<b>No Bid</b>
76	Imazapyr	IMP	<b>No Bid</b>
77	Iron - Sediment	Fe-S	<b>\$34.00</b>
78	Iron, ICP-MS	Fe	<b>\$24.00</b>
79	Isotope Analysis of Hydrogen (2H/1H) in Water	2H	<b>No Bid</b>
80	Isotope Analysis of Oxygen (18O/16O) in Water	18O	<b>\$84.00</b>
81	Lead - Seawater	Pb-SW	<b>\$94.00</b>
82	Lead - Sediment	Pb-S	<b>\$34.00</b>
83	Lead, ICP-MS	Pb	<b>\$24.00</b>
84	Lipids - Tissue	%LIPID-T	<b>\$24.00</b>
85	Lithium - Sediment	Li-S	<b>\$34.00</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
86	Lithium, ICP-MS	Li	<b>\$24.00</b>
87	Magnesium - Sediment	Mg-S	<b>\$34.00</b>
88	Magnesium, ICP	Mg-ICP	<b>No Bid</b>
89	Magnesium, ICP-MS	Mg	<b>\$24.00</b>
90	Manganese - Sediment	Mn-S	<b>\$34.00</b>
91	Manganese, ICP-MS	Mn	<b>\$24.00</b>
92	MBAS, Colorimetric	MBAS	<b>\$54.00</b>
93	Mercury - Sediment	Hg-S	<b>\$34.00</b>
94	Mercury, Cold Vapor	Hg	<b>\$34.00</b>
95	Microbial Source Tracking	MST	<b>\$279.00</b>
96	Moisture - Sediment	%MSTR	<b>\$19.00</b>
97	Moisture - Tissue	%MSTR-T	<b>\$19.00</b>
98	Molybdenum - Seawater	Mo-SW	<b>\$94.00</b>
99	Molybdenum - Sediment	Mo-S	<b>\$34.00</b>
100	Molybdenum, ICP-MS	Mo	<b>\$24.00</b>
101	MTBE - Sediment	MTBE-S	<b>\$94.00</b>
102	Nickel - Seawater	Ni-SW	<b>\$94.00</b>
103	Nickel - Sediment	Ni-S	<b>\$34.00</b>
104	Nickel, ICP-MS	Ni	<b>\$24.00</b>
105	Nitrate + Nitrite as NO3	NO3/NO2 -IC	<b>\$20.00</b>
106	Nitrate + Nitrite as NO3	NO3/NO2	<b>\$24.00</b>
107	Nitrate as N	NO3-N	<b>\$20.00</b>
108	Nitrite, (Spectrophotometric)	NO2	<b>\$20.00</b>
109	Nitrogen, Ammonia Direct	NH3-D	<b>\$20.00</b>
110	Nitrogen, Ammonia Distilled	NH3	<b>No Bid</b>
111	Nitrogen, Total	TN	<b>\$49.00</b>
112	Nitrogen, Total in Sediment	TN-S	<b>\$59.00</b>
113	Nitrogen, Total Kjeldahl	TKN	<b>\$39.00</b>
114	Nonylphenol	ALKYL PHEN	<b>\$134.00</b>
115	Odor	ODOR	<b>No Bid</b>
116	Oil & Grease – Sediment	OG-S	<b>\$54.00</b>
117	Oil & Grease, Partition Gravimetric	OGPG	<b>\$54.00</b>
118	Organic Carbon, Dissolved	DOC	<b>\$44.00</b>
119	Organic Carbon, Total - Sediment	TOC-S	<b>\$59.00</b>
120	Organic Carbon, Total	TOC	<b>\$39.00</b>
121	Particle Size Distribution	PS	<b>\$94.00</b>
122	Pentachlorophenol	PENTA	<b>\$134.00</b>
123	Perchlorate	PERC	<b>\$89.00</b>
124	Petroleum Hydrocarbons, Total as Gasoline	TPH as Gasoline	<b>\$69.00</b>
125	pH	pH	<b>\$6.00</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
126	pH in Sediment	pH-S	<b>\$8.00</b>
127	Phosphate, Ortho (IC)	PO4O	<b>\$15.00</b>
128	Phosphorus, Total - Sediment	P-S	<b>\$34.00</b>
129	Phosphorus, Total	P	<b>\$24.00</b>
130	Potassium	K	<b>\$24.00</b>
131	Potassium, ICP	K-ICP	<b>No Bid</b>
132	Residue, Settleable Solids (SS)	SSR	<b>\$11.00</b>
133	Residue, Total Filterable (TFR or TDS), dried at 180°C	TDS	<b>\$11.00</b>
134	Residue, Total Nonfilterable (TN, FR or TSS)	TSS	<b>\$11.00</b>
135	Residue, Total Volatile Nonfilterable (VSS) ignition at 550°C	VSS	<b>\$11.00</b>
136	Residue, Total Volatile Solids (TVS), ignition at 550°C	TVS	<b>\$11.00</b>
137	Salinity	SAL	<b>\$24.00</b>
138	Selenium - Seawater	Se-SW	<b>\$94.00</b>
139	Selenium - Sediment	Se-S	<b>\$34.00</b>
140	Selenium, ICP-MS	Se	<b>\$24.00</b>
141	Selenium – Tissue	Se-T	<b>\$99.00</b>
142	Silica, Dissolved	SiO2	<b>\$11.00</b>
143	Silver - Seawater	Ag-SW	<b>\$94.00</b>
144	Silver - Sediment	Ag-S	<b>\$34.00</b>
145	Silver, ICP-MS	Ag	<b>\$24.00</b>
146	Sodium, ICP	Na-ICP	<b>No Bid</b>
147	Solids - Sediment	%SOLID	<b>\$19.00</b>
148	Stable Isotopes, Dissolved Nitrate (Nitrogen-15, Oxygen-18)	15N18O	<b>\$79.00</b>
149	Stable Isotopes, Dissolved Sulfate (Sulfur-34, Oxygen-18)	34S18O	<b>No Bid</b>
150	Sulfate	SO4	<b>\$14.00</b>
151	Sulfide, Dissolved	SD	<b>\$24.00</b>
152	Sulfide, Total – Sediment	SUL-S	<b>\$34.00</b>
153	Sulfide, Total	ST	<b>\$19.00</b>
154	Sulfite	SO3	<b>No Bid</b>
155	Sulfur, Total - Sediment	ST-S	<b>No Bid</b>
156	Sulfur, Total	S	<b>No Bid</b>
157	Suspended Sediment Concentration	SSC	<b>\$59.00</b>
158	Thallium - Seawater	TI-SW	<b>\$94.00</b>
159	Thallium - Sediment	TI-S	<b>\$34.00</b>
160	Thallium, ICP-MS	TI	<b>\$24.00</b>
161	Tin - Seawater	Sn-SW	<b>\$94.00</b>
162	Tin - Sediment	Sn-S	<b>\$34.00</b>
163	Tin, ICP-MS	Sn	<b>\$24.00</b>



	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
164	Tributyl Tin	TBT	<b>\$191.00</b>
165	Triclopyr	TRICLPYR	<b>\$169.00</b>
166	Turbidity	TURB	<b>\$9.00</b>
167	UV Absorbance @ 254 nm	UV 254	<b>No Bid</b>
168	Vanadium - Seawater	V-SW	<b>\$94.00</b>
169	Vanadium - Sediment	V-S	<b>\$34.00</b>
170	Vanadium, ICP-MS	V	<b>\$24.00</b>
171	Zinc - Seawater	Zn-SW	<b>\$94.00</b>
172	Zinc - Sediment	Zn-S	<b>\$34.00</b>
173	Zinc, ICP-MS	Zn	<b>\$24.00</b>

**B. Additional Rates:**

	<b>Job Title</b>	<b>Hourly Rate</b>
1.	Lab Director/ Manager	<b>\$124.00</b>
2.	Supervising Chemist	<b>\$99.00</b>
3.	Project Manager	<b>\$104.00</b>
4.	Technicians	<b>\$44.00</b>
5.	Clerical Staff	<b>\$39.00</b>
6.	Aqueous Sample Filtration (flat rate per sample)	<b>\$14.00</b>

**TOTAL AGGREGATE CONTRACT AMOUNT NOT TO EXCEED:** (Aggregate amount between **Four (4)** Contractors):  
 ..... \$ **3,210,000.00**

## Contract Summary Form

Weck Analytical Environmental Services, Inc.  
14859 Clark Avenue  
City of Industry, CA 91745

### SUMMARY OF SIGNIFICANT CHANGES

1. N/A
- 2.

### SUBCONTRACTORS

1. This contract includes the following subcontractors or passes through to other providers:  
(add rows as needed)

Pace Analytical Service, LLC 1638 Roseytown Rd. Greenburg, PA 15601	Radium 226	Unknown – Department’s future use of these services is unknown.
---	------------	---

### CONTRACT OPERATING EXPENSES

	Group Name	Analysis & Billing Code	Analyses Performed	Unit Price
1	BTEX	BTEX		<b>\$50.00</b>
2	BTEX– Sediment	BTEX-S		<b>\$50.00</b>
3	CAM 17 Inorganic	CAM17		<b>\$100.00</b>
4	CAM 17 Inorganics – Sediment	CAM17-S		<b>\$100.00</b>
5	Carbamate Pesticides	CP		<b>\$160.00</b>
6	Carbamate Pesticides - Sediment	CP-S		<b>\$175.00</b>
7	Chlorinated Herbicides	HERB		<b>\$200.00</b>
8	Chlorinated Herbicides - Sediment	HERB-S		<b>\$200.00</b>
9	Complete CWA Trace Metals - Salt Water	MET-SW		<b>\$120.00</b>
10	Complete CWA Trace Metals - Sediment	MET-S		<b>\$120.00</b>
11	Complete CWA Trace Metals	MET		<b>\$120.00</b>
12	Complete Pesticides	CPest		<b>\$850.00</b>
13	Fipronil Insecticide and Degradants	FIP		<b>\$300.00</b>
14	Fipronil Insecticide and Degradants – Sediment	FIPS		<b>\$300.00</b>
15	General Mineral	GM	pH, EC, Turbidity, Ca, Mg, Na, K, CO3, TDS, HCO3, Cl, SO4, F, NO3, SiO2, B, Hardness as	<b>\$80.00</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
			CaCO3, CO2 (by difference)	
16	Indicator Bacteria	BactiMF	Total Coliform, Fecal Coliform, Enterococcus	<b>No Bid</b>
17	Neonicitinoid Pesticides	NEONIC		<b>\$400.00</b>
18	Neonicitinoid Pesticides – Sediment	NEONIC-S		<b>\$400.00</b>
19	Nutrient	NUT	pH, EC, Turbidity, NO2+NO3, NH3, TKN, PO4, Ortho P, TSS, VSS	<b>\$80.00</b>
20	Organics, Total Toxic	TTO		<b>\$770.00</b>
21	Organics, Total Toxic (Purgeable)	TPO		<b>\$85.00</b>
22	Organics, Volatile	VOC	See Federal Register	<b>\$85.00</b>
23	Organics, Volatile – Sediment	VOC-S		<b>\$85.00</b>
24	Organochlorine Pesticides	OCP - EPA 8081A		<b>\$140.00</b>
25	Organochlorine Pesticides	OCP		<b>\$90.00</b>
26	Organochlorine Pesticides and PCBs in Tissue	OCP-T	40 CFR, Part 423Section II.C	<b>\$550.00</b>
27	Organochlorine Pesticides Sediment	OCP-S		<b>\$140.00</b>
28	Organophosphate Pesticides	OPP		<b>\$165.00</b>
29	Organophosphate Pesticides - Sediment	OPP-S		<b>\$185.00</b>
30	PCB's - Sediment	PCB-S	Aroclors, Congeners See Federal Register	<b>\$400.00</b>
31	PCB's - Tissue	PCB-T		<b>\$440.00</b>
32	Pest., Herb., PCBs, Pyreth – Sediment	PHP-PP-S		<b>\$960.00</b>
33	Pharmecutical and Personal Care Products	PPCP		<b>\$350.00</b>
34	Phenolic Compounds	PHEN		<b>\$120.00</b>
35	Polybrominated Diphenyl Ethers	PBDE		<b>\$400.00</b>
36	Polybrominated Diphenyl Ethers - Sediment	PBDE-S		<b>\$400.00</b>
37	Polychlorinated Biphenyls (PCBs)	PCB	Aroclors, Congeners, See Federal Register	<b>\$400.00</b>
38	Polychlorinated Dibenzo-P-Dioxins	PDD	See Federal Register	<b>No Bid</b>
39	Polyfluorakyl Substances	PFAS		<b>\$300.00</b>
40	Polynuclear Aromatic Hydrocarbons	PAH		<b>\$145.00</b>
41	Polynuclear Aromatic Hydrocarbons - Sediment	PAH-S		<b>\$175.00</b>
42	Pyrethroid Pesticides	PP		<b>\$275.00</b>

**Attachment E**

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
43	Pyrethroid Pesticides – Sediment	PP-S		<b>\$275.00</b>
44	Radioactivity	RAD		<b>\$200.00</b>
45	Rainwater	RAIN	pH, EC, NO2+NO3, NH3, TKN, SO4, PO4, TDS, Na, Cl , Cu, Cd, Cr, Fe, Ni, Pb, Zn	<b>\$100.00</b>
46	Rare Earth Elements	REE		<b>\$160.00</b>
47	Sediment Quality Objectives – Sediment	SQO-S		<b>\$725.00</b>
48	Selenium in Tissue	Se-T		<b>\$80.00</b>
49	Selenium Speciation	Se-spec		<b>No Bid</b>
50	Selenium Speciation, full analysis	Se-spec, full		<b>No Bid</b>
51	SemiVolatile Organic Compounds	SVOC		<b>\$150.00</b>
52	SemiVolatile Organic Compounds - Sediment	SVOC-S		<b>\$275.00</b>
53	Soluble Threshold Limit Concentration (STLC)	STLC	California Administrative Code Title 22, Article 11(CAM)	<b>\$60.00</b>
54	Total Nitrogen and Phosphorus in Plant Material	NPP		<b>\$120.00</b>
55	Total Nitrogen and Phosphorus in Sediment	NPS		<b>\$120.00</b>
56	Total Petroleum Hydrocarbons – Carbon Chain	TPH-CC	Modified 8015B	<b>\$100.00</b>
57	Total Petroleum Hydrocarbons – Carbon Chain in Sediment	TPHS-CC	Modified 8015B	<b>\$100.00</b>
58	Total Petroleum Hydrocarbons Diesel, Gasoline and Oil Range	TPH	Modified 8015	<b>\$100.00</b>
59	Total Petroleum Hydrocarbons – Sediment (EPA 8015M)	TPH-S	Modified 8015	<b>\$100.00</b>
60	Total Recoverable Petroleum Hydrocarbons	TRPH	SGT-HEM	<b>No Bid</b>
61	Total Recoverable Petroleum Hydrocarbons – Sediment	TRPH-S	IR Spectrophotometric Method	<b>No Bid</b>
62	Total Threshold Limit	TTLC	California Administrative Code Title 22, Article 11(CAM)	<b>\$100.00</b>
63	TPH as Diesel and Oil (Oil and Diesel Range Organics)	TPH as Diesel and Oil		<b>\$50.00</b>
64	Trace Metals – Freshwater	TRF	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>\$60.00</b>
65	Trace Metals – Freshwater	TRF Ag Se Fe Hg TI		<b>\$90.00</b>
66	Trace Metals – Freshwater	TRF As Se		<b>\$50.00</b>
67	Trace Metals – Freshwater	TRF As Se Fe	Ag, As, Cd, Cr, Cu, Fe, Ni, Pb, Se, Zn	<b>\$70.00</b>
68	Trace Metals – Freshwater	TRF As Se Hg		<b>\$90.00</b>

	<b>Group Name</b>	<b>Analysis &amp; Billing Code</b>	<b>Analyses Performed</b>	<b>Unit Price</b>
69	Trace Metals - Freshwater, Priority Pollutants	TPP		<b>\$90.00</b>
70	Trace Metals – Seawater complete	TRSWspc		<b>\$205.00</b>
71	Trace Metals – Tissue	TRF-T		<b>\$90.00</b>
72	Trace Metals - Sediment	TRS	Ag, As, Be, Cd, Cr, Cu, Hg, Fe, Ni, Pb, Se, Sb, Tl, Zn	<b>\$100.00</b>
73	Trace Metals - Seawater	TRSW	Ag, Cd, Cr, Cu, Ni, Pb, Zn	<b>\$170.00</b>
74	TTLCS Sediment	TTLCS	California Administrative Code Title 22, Article 11(CAM)	<b>\$100.00</b>

A. Individual Analyses

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
1	1,4- Dioxane	DIOX	<b>\$90.00</b>
2	Acetaminophen	ACET	<b>\$250.00</b>
3	Acid Volatile Sulfides - Sediment	AVS	<b>No Bid</b>
4	Alkalinity	ALKA	<b>\$8.00</b>
5	Aluminum- Seawater	Al-SW	<b>\$40.00</b>
6	Aluminum– Sediment	Al-S	<b>\$10.00</b>
7	Aluminum, ICP	AL-ICP	<b>\$8.00</b>
8	Aluminum, ICP-MS	Al	<b>\$8.00</b>
9	Ammonia as N - Sediment	NH3-S	<b>\$25.00</b>
10	Antimony – Sediment	Sb-S	<b>\$10.00</b>
11	Antimony- Seawater	Sb-SW	<b>\$40.00</b>
12	Antimony, ICP-MS	Sb	<b>\$8.00</b>
13	Arsenic - Seawater	As-SW	<b>\$40.00</b>
14	Arsenic – Sediment	As-S	<b>\$10.00</b>
15	Arsenic, ICP-MS	As	<b>\$8.00</b>
16	Avian GFD Gene Marker	AvianGFD	<b>No Bid</b>
17	Biological Oxygen Demand, Total	BOD	<b>\$30.00</b>
18	Barium - Seawater	Ba-SW	<b>\$40.00</b>
19	Barium – Sediment	Ba-S	<b>\$10.00</b>
20	Barium, ICP	Ba-ICP	<b>\$8.00</b>
21	Barium, ICP-MS	Ba	<b>\$8.00</b>
22	Beryllium - Seawater	Be-SW	<b>\$40.00</b>
23	Beryllium – Sediment	Be-S	<b>\$10.00</b>
24	Beryllium, ICP-MS	Be	<b>\$8.00</b>
25	Bismuth - Seawater	Bi-SW	<b>\$40.00</b>
26	Bismuth – Sediment	Bi-S	<b>\$10.00</b>
27	Bismuth, ICP-MS	Bi	<b>\$8.00</b>
28	Boron - Seawater	B-SW	<b>\$40.00</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
29	Boron – Sediment	BO-S	<b>\$10.00</b>
30	Boron, ICP-MS	B	<b>\$40.00</b>
31	Boron, Circumin Method	BCM	<b>No Bid</b>
32	Bromide	Br	<b>\$15.00</b>
33	Chemical Oxygen Demand	COD	<b>\$25.00</b>
34	Cadmium - Seawater	Cd-SW	<b>\$40.00</b>
35	Cadmium - Sediment	Cd-S	<b>\$10.00</b>
36	Cadmium, ICP-MS	Cd	<b>\$8.00</b>
37	Calcium – ICP	Ca-ICP	<b>\$8.00</b>
38	Calcium, EDTA	Ca	<b>No Bid</b>
39	Canine Gene Marker	BacCan	<b>No Bid</b>
40	Carbon dioxide, Titrimetric	CO2	<b>\$10.00</b>
41	Carbonaceous BOD	cBOD	<b>\$40.00</b>
42	Chloride, Mercuric Nitrate Method	Cl	<b>\$15.00</b>
43	Chlorine residual, DPD	CIR	<b>\$15.00</b>
44	Chlorine residual, Iodometric	CIRI	<b>\$15.00</b>
45	Chlorophyll A	CHLA	<b>No Bid</b>
46	Chromium, Hexavalent	Cr6	<b>\$45.00</b>
47	Chromium, Total - Seawater	Cr-SW	<b>\$40.00</b>
48	Chromium, Total - Sediment	Cr-S	<b>\$10.00</b>
49	Chromium, Total, ICP-MS	Cr	<b>\$8.00</b>
50	Coliform, Fecal, Membrane Filtration	FC	<b>No Bid</b>
51	Coliform, Total & Fecal, MF	TFC	<b>No Bid</b>
52	Coliform, Total, Membrane Filtration	TC	<b>No Bid</b>
53	Coliphage, Male Specific (F+)	FColiphage	<b>No Bid</b>
54	Coliphage, Somatic	SomColiphage	<b>No Bid</b>
55	Color, Spectrophotometric	COLOR	<b>\$5.00</b>
56	Conductivity	EC	<b>\$7.00</b>
57	Copper - Sediment	Cu-S	<b>\$10.00</b>
58	Copper, ICP-MS	Cu	<b>\$8.00</b>
59	Copper, Total - Seawater	Cu-SW	<b>\$40.00</b>
60	Cyanide - Sediment	CN-S	<b>\$50.00</b>
61	Cyanide, Amenable	CNA	<b>\$25.00</b>
62	Cyanide, Total, Distillation & Photometry	CND	<b>\$25.00</b>
63	Dicofol – Sediment	DICO-S	<b>\$200.00</b>
64	Dicofol	DICO	<b>\$200.00</b>
65	Diquat	DIQ	<b>\$110.00</b>
66	Dissolved Oxygen, Winkler Titration	DO	<b>\$15.00</b>
67	E. Coli, Membrane Filtration	ECO	<b>No Bid</b>
68	Enterococcus, Membrane Filtration	ENT	<b>No Bid</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
69	Fluoride	F	<b>\$15.00</b>
70	Glyphosate	GLYP	<b>\$100.00</b>
71	Gull Gene Marker	Gull2Taq	<b>No Bid</b>
72	Hardness, EDTA	HARD	<b>\$10.00</b>
73	Human-specific HF183 Bacteriodes Gene Marker	HF183	<b>No Bid</b>
74	Human-specific HF183 Bacteriodes Gene Marker - Sediment	HF183-S	<b>No Bid</b>
75	Imazamox	IMM	<b>\$300.00</b>
76	Imazapyr	IMP	<b>\$300.00</b>
77	Iron - Sediment	Fe-S	<b>\$10.00</b>
78	Iron, ICP-MS	Fe	<b>\$8.00</b>
79	Isotope Analysis of Hydrogen (2H/1H) in Water	2H	<b>No Bid</b>
80	Isotope Analysis of Oxygen (18O/16O) in Water	18O	<b>No Bid</b>
81	Lead - Seawater	Pb-SW	<b>\$40.00</b>
82	Lead - Sediment	Pb-S	<b>\$10.00</b>
83	Lead, ICP-MS	Pb	<b>\$8.00</b>
84	Lipids - Tissue	%LIPID-T	<b>\$85.00</b>
85	Lithium - Sediment	Li-S	<b>\$10.00</b>
86	Lithium, ICP-MS	Li	<b>\$8.00</b>
87	Magnesium - Sediment	Mg-S	<b>\$10.00</b>
88	Magnesium, ICP	Mg-ICP	<b>\$8.00</b>
89	Magnesium, ICP-MS	Mg	<b>\$8.00</b>
90	Manganese - Sediment	Mn-S	<b>\$10.00</b>
91	Manganese, ICP-MS	Mn	<b>\$8.00</b>
92	MBAS, Colorimetric	MBAS	<b>\$25.00</b>
93	Mercury - Sediment	Hg-S	<b>\$20.00</b>
94	Mercury, Cold Vapor	Hg	<b>\$20.00</b>
95	Microbial Source Tracking	MST	<b>No Bid</b>
96	Moisture - Sediment	%MSTR	<b>\$10.00</b>
97	Moisture - Tissue	%MSTR-T	<b>\$10.00</b>
98	Molybdenum - Seawater	Mo-SW	<b>\$40.00</b>
99	Molybdenum - Sediment	Mo-S	<b>\$10.00</b>
100	Molybdenum, ICP-MS	Mo	<b>\$8.00</b>
101	MTBE - Sediment	MTBE-S	<b>\$50.00</b>
102	Nickel - Seawater	Ni-SW	<b>\$40.00</b>
103	Nickel - Sediment	Ni-S	<b>\$10.00</b>
104	Nickel, ICP-MS	Ni	<b>\$8.00</b>
105	Nitrate + Nitrite as NO3	NO3/NO2 -IC	<b>\$15.00</b>
106	Nitrate + Nitrite as NO3	NO3/NO2	<b>\$15.00</b>
107	Nitrate as N	NO3-N	<b>\$15.00</b>
108	Nitrite, (Spectrophotometric)	NO2	<b>\$15.00</b>

	<b>Individual Determination</b>	<b>Analysis &amp; Billing Code</b>	<b>Unit Price</b>
109	Nitrogen, Ammonia Direct	NH3-D	<b>\$25.00</b>
110	Nitrogen, Ammonia Distilled	NH3	<b>\$25.00</b>
111	Nitrogen, Total	TN	<b>\$45.00</b>
112	Nitrogen, Total in Sediment	TN-S	<b>\$55.00</b>
113	Nitrogen, Total Kjeldahl	TKN	<b>\$25.00</b>
114	Nonylphenol	ALKYL PHEN	<b>\$250.00</b>
115	Odor	ODOR	<b>\$5.00</b>
116	Oil & Grease – Sediment	OG-S	<b>\$35.00</b>
117	Oil & Grease, Partition Gravimetric	OGPG	<b>\$25.00</b>
118	Organic Carbon, Dissolved	DOC	<b>\$35.00</b>
119	Organic Carbon, Total - Sediment	TOC-S	<b>\$50.00</b>
120	Organic Carbon, Total	TOC	<b>\$25.00</b>
121	Particle Size Distribution	PS	<b>No Bid</b>
122	Pentachlorophenol	PENTA	<b>\$85.00</b>
123	Perchlorate	PERC	<b>\$25.00</b>
124	Petroleum Hydrocarbons, Total as Gasoline	TPH as Gasoline	<b>\$50.00</b>
125	pH	pH	<b>\$5.00</b>
126	pH in Sediment	pH-S	<b>\$10.00</b>
127	Phosphate, Ortho (IC)	PO4O	<b>\$30.00</b>
128	Phosphorus, Total - Sediment	P-S	<b>\$45.00</b>
129	Phosphorus, Total	P	<b>\$45.00</b>
130	Potassium	K	<b>\$8.00</b>
131	Potassium, ICP	K-ICP	<b>\$8.00</b>
132	Residue, Settleable Solids (SS)	SSR	<b>\$12.00</b>
133	Residue, Total Filterable (TFR or TDS), dried at 180°C	TDS	<b>\$12.00</b>
134	Residue, Total Nonfilterable (TN, FR or TSS)	TSS	<b>\$12.00</b>
135	Residue, Total Volatile Nonfilterable (VSS) ignition at 550°C	VSS	<b>\$12.00</b>
136	Residue, Total Volatile Solids (TVS), ignition at 550°C	TVS	<b>\$12.00</b>
137	Salinity	SAL	<b>\$20.00</b>
138	Selenium - Seawater	Se-SW	<b>\$40.00</b>
139	Selenium - Sediment	Se-S	<b>\$10.00</b>
140	Selenium, ICP-MS	Se	<b>\$8.00</b>
141	Selenium – Tissue	Se-T	<b>\$80.00</b>
142	Silica, Dissolved	SiO2	<b>\$15.00</b>
143	Silver - Seawater	Ag-SW	<b>\$40.00</b>
144	Silver - Sediment	Ag-S	<b>\$10.00</b>
145	Silver, ICP-MS	Ag	<b>\$8.00</b>
146	Sodium, ICP	Na-ICP	<b>\$8.00</b>
147	Solids - Sediment	%SOLID	<b>\$15.00</b>



	Individual Determination	Analysis & Billing Code	Unit Price
148	Stable Isotopes, Dissolved Nitrate (Nitrogen-15, Oxygen-18)	15N18O	No Bid
149	Stable Isotopes, Dissolved Sulfate (Sulfur-34, Oxygen-18)	34S18O	No Bid
150	Sulfate	SO4	\$15.00
151	Sulfide, Dissolved	SD	\$15.00
152	Sulfide, Total – Sediment	SUL-S	No Bid
153	Sulfide, Total	ST	\$20.00
154	Sulfite	SO3	\$20.00
155	Sulfur, Total - Sediment	ST-S	\$45.00
156	Sulfur, Total	S	\$45.00
157	Suspended Sediment Concentration	SSC	\$50.00
158	Thallium - Seawater	TI-SW	\$40.00
159	Thallium - Sediment	TI-S	\$10.00
160	Thallium, ICP-MS	TI	\$8.00
161	Tin - Seawater	Sn-SW	\$40.00
162	Tin - Sediment	Sn-S	\$10.00
163	Tin, ICP-MS	Sn	\$8.00
164	Tributyl Tin	TBT	\$150.00
165	Triclopyr	TRICLPYR	\$300.00
166	Turbidity	TURB	\$5.00
167	UV Absorbance @ 254 nm	UV 254	\$15.00
168	Vanadium - Seawater	V-SW	\$40.00
169	Vanadium - Sediment	V-S	\$10.00
170	Vanadium, ICP-MS	V	\$8.00
171	Zinc - Seawater	Zn-SW	\$40.00
172	Zinc - Sediment	Zn-S	\$10.00
173	Zinc, ICP-MS	Zn	\$8.00

B. Additional Rates:

	Job Title	Hourly Rate
1.	Lab Director/ Manager	\$120.00
2.	Supervising Chemist	\$100.00
3.	Project Manager	\$85.00
4.	Technicians	\$65.00
5.	Clerical Staff	\$30.00
6.	Aqueous Sample Filtration (flat rate per sample)	\$20

**TOTAL AGGREGATE CONTRACT AMOUNT NOT TO EXCEED:** (Aggregate amount between Four (4) Contractors): ..... \$ **3,210,000.00**