
ATTACHMENT E – FEE PROPOSAL SHEET(S)

Project No. PWG124-LANDD-5572

CC: 1990002550 / GL: 52002445
(RLF-F01777, F01778, F01779, F02392;

CC: 1990002550 / GL: 52002445
(RLD-D20410)

CC: 1930002528 / GL: 52002445
(RFM-F02128)

Flood Zone Cost Centers (for Aquatic Pesticide Monitoring)

CC: various

1910002518 Zone 1 RFA-F01701
1920002522 Zone 2 RFF-F01702
1930002526 Zone 3 RFL-F01703
1940002532 Zone 4 **N/A**
1950002536 Zone 5 RFT- F01705
1960002540 Zone 6 RFV- F01706

Project: **Laboratory Analytical Services for the Areawide Stormwater Program and the San Bernardino County Flood Control District Project**

Proposer shall provide a fixed fee per analysis cost and an hourly rate for courier services valid for the Fiscal Years 2024-2025, 2025-2026, 2026-2027, 2027-2028, and 2028-2029.

Proposer may provide rates for each individual fiscal year, if that is their preference. Proposed fixed fee per analysis costs shall include labor and materials required to perform the specified analysis, including the preparation and delivery of appropriate sample bottles (with preservatives, as prescribed by the applicable sampling and analysis methodology) and coolers to District offices. Costs shall be inserted into the table attached as Table E-1 Sample Analytical Methods Quantities and Costs.

Cole S. Mackelprang Business Development Director
Signature & Title

BSK Associates

(Firm)

**Proposer must complete this form and attach a completed Table E-1 (See separate file).
Mail or submit in person Attachment E and Table E-1, in a separate sealed envelope labeled
“Fee Proposal Sheet” with the RFP Number and Title and the name of the Proposer clearly
marked on the outside, to the address stated in Section 1, Paragraph B.**

TABLE E-1

Sample Analytical Methods Quantities and MDLs

Constituent	Suggested Methods ¹		Required Detection Limit	Proposed Reporting Limit	Units	Anticipated Number of Samples per Year	Comments	Per Sample (Unit) Analytical Cost
	EPA	SM						
Conventional								
Biochemical Oxygen Demand (BOD)	405.1	5210	1.0	1.0	mg/L	215		\$40.00
Chemical Oxygen Demand (COD)	410	5220	0.5	15	mg/L	215		\$30.00
pH (Lab)	150.1	4500	--		pH Units	63		\$ 20
Electrical Conductivity (EC) (Lab)	120.1	RDL	2.5	1	mS/cm	71	umhos/cm	\$ 20
Dissolved Oxygen (Lab)	360.1	4500	0.5	0.1	mg/L	71		\$ 30
Color	--	2120	--	5	Color Units	71		\$ 20
Turbidity (Lab)	180.1	2130	2	0.1	NTU	63		\$ 20
Total Dissolved Solids (TDS)	160.1	2540	0.5	5	mg/L	263		\$ 22
Total Suspended Solids (TSS)	160.2	2540	0.5	5	mg/L	602		\$ 22
Volatile Suspended Solids	--	2540	1.0	5.0	mg/L	96		\$ 45
Total Organic Carbon (TOC)	415.3	5310	0.1	0.5	mg/L	236		\$ 40
Dissolved Organic Carbon	--	5310	0.1	5	mg/L	156		\$ 40
Oil and Grease (O&G)	413.1, 1664	5520	10	5	mg/L	111		\$ 65
Metals: Total Recoverable and Dissolved								
Antimony (Sb)	200.8	3120, 3125	0.5	0.5	ug/L	56		\$ 12
Arsenic (As), Total	206.2	3120, 3125	1.2	0.2	ug/L	103	EPA 200.8	\$ 12
Arsenic (As), Dissolved	206.2	3120, 3125	1.2	0.2	ug/L	103	EPA 200.8	\$ 12
Barium (Ba), Total	200.8	3120	2.0	1.0	ug/L	63		\$ 12
Barium (Ba), Dissolved	200.8	3120	2.0	1.0	ug/L	63		\$ 12
Beryllium (Be)	200.8	3120, 3125	0.3	0.5	ug/L	56		\$ 12
Boron (B), Total	212.3	3120, 3125	0.5	10.0	ug/L	63	EPA 200.8	\$ 12
Boron (B), Dissolved	212.3	3120, 3125	0.5	10.0	ug/L	63	EPA 200.8	\$ 12
Cadmium (Cd), Total	200.8	3120, 3125	0.3	0.3	ug/L	103		\$ 12
Cadmium (Cd), Dissolved	200.8	3120, 3125	0.3	0.3	ug/L	103		\$ 12
Chromium (Cr), Total	200.8	3120, 3125	2.0	0.6	ug/L	103		\$ 12
Chromium (Cr), Dissolved	200.8	3120, 3125	2.0	0.6	ug/L	31		\$ 12
Chromium VI (Cr6+)	200.8, 218.6	3500	0.3	0.1	ug/L	95		\$ 45
Cobalt (Co), Total	200.8	3120, 3125	0.5	1.0	ug/L	63		\$ 12
Cobalt (Co), Dissolved	200.8	3120, 3125	0.5	1.0	ug/L	63		\$ 12
Copper (Cu), Total	200.8	3120, 3125	1.0	1.1	ug/L	160		\$ 12
Copper (Cu), Dissolved	200.8	3120, 3125	1.0	1.1	ug/L	151		\$ 12
Iron (Fe), Total	236	3120, 3125	2.0	10.0	ug/L	64	EPA 200.8	\$ 12
Iron (Fe), Dissolved	236	3120, 3125	2.0	10.0	ug/L	64	EPA 200.8	\$ 12
Lead (Pb), Total	200.8	3120, 3125	0.2	0.1	ug/L	151		\$ 12
Lead (Pb), Dissolved	200.8	3120, 3125	0.2	0.1	ug/L	151		\$ 12
Manganese (Mn), Total	243	3120, 3125	0.5	1.0	ug/L	63	EPA 200.8	\$ 12
Manganese (Mn), Dissolved	243	3120, 3125	0.5	10.0	ug/L	63	EPA 200.8	\$ 12
Mercury (Hg), Total	200.8	3112	0.1	0.2	ug/L	95		\$ 12
Mercury (Hg), Dissolved	200.8	3112	0.1	0.2	ug/L	63		\$ 12
Nickel (Ni), Total	200.8	3120, 3125	1.0	1.0	ug/L	64		\$ 12
Nickel (Ni), Dissolved	200.8	3120, 3125	1.0	1.0	ug/L	64		\$ 12
Selenium (Se), Total	270	3120, 3125	2.0	0.5	ug/L	102	EPA 200.8	\$ 12
Selenium (Se), Dissolved	270	3120, 3125	2.0	0.5	ug/L	102	EPA 200.8	\$ 12
Silver (Ag), Total	200.8	3120, 3125	0.3	0.3	ug/L	95		\$ 12
Silver (Ag), Dissolved	200.8	3120, 3125	0.3	0.3	ug/L	95		\$ 12
Thallium (Tl)	200.8	3120, 3125	0.2	1.0	ug/L	56		\$ 12
Zinc (Zn), Total	200.8	3120, 3125	2.0	0.2 mg/l	ug/L	151		\$ 12
Zinc (Zn), Dissolved	200.8	3120, 3125	2.0	0.2 mg/l	ug/L	151		\$ 12
General Minerals								
Total Hardness as CaCO ₃	130	2340, HACH 8266	--	0.1	mg/L	289		\$ 24
Calcium (Ca)	215	3120	0.5	0.1	mg/L	68	EPA 200.7	\$ 12
Magnesium (Mg)	242.1	3120, 3125	0.5	0.1	mg/L	67	EPA 200.7	\$ 12
Sodium (Na)	273	3120, 3125	0.5	1	mg/L	140	EPA 200.7	\$ 12
Potassium (K)	200.7 / APHA	3120, 3125	0.5	2	mg/L	140	EPA 200.7	\$ 12
Total Alkalinity as CaCO ₃	130	2320	--	3	mg/L	200	Includes, ALK, CO ₃ , HCO ₃ , OH	\$ 22
Hydroxide (OH)	310.1	2320	--	3	mg/L	67		\$ 22
Calcium Carbonate (CO ₃)	310.1	2320	--	3	mg/L	67	Carbonate only	\$ 22
Bicarbonate (HCO ₃)	130	2320	--	3	mg/L	67		\$ 22

TABLE E-1

Sample Analytical Methods Quantities and MDLs

Constituent	Suggested Methods ¹		Required Detection Limit	Proposed Reporting Limit	Units	Anticipated Number of Samples per Year	Comments	Per Sample (Unit) Analytical Cost
	EPA	SM						
Others								
Sulfate (SO ₄)	375.4	4500, 4110	0.25	1	mg/L	151	EPA 300.0	\$ 12
Chloride (Cl)	325	4500, 4110	1.0	1.0	mg/L	150	EPA 300.0	\$ 12
Flouride (F)	340	4500, 4110	0.05	0.1	mg/L	143	EPA 300.0	\$ 12
Ortho-Phosphate	365.2	4500, 4110	0.015	0.2	mg/L	343	EPA 300.0	\$ 23
Total Phosporus (P-Total)	365.2	4500, 3120	0.015	0.1	mg/L	343	EPA 365.4	\$ 30
Total Dissolved Phosphorus	365.2	4500	0.015		mg/L	296		\$ 30
Ammonium Nitrogen (NH ₄ -N)	350	4500	0.030	0.100	mg/L	343		\$ 39
Nitrate Nitrogen (NO ₃ -N)	352.1	4500, 4110	0.020	0.230	mg/L	343	EPA 300.0	\$ 12
Nitrite Nitrogen (NO ₂ -N)	354.1	4500, 4110	0.050	0.050	mg/L	343	EPA 300.0	\$ 12
Total Kjeldahl Nitrogen (TKN)	351	4500	0.075	1	mg/L	158	EOA 351.2	\$ 35
Total Nitrogen (N-Total)	354.1	4500, 4110	0.025		mg/L	224	includes, TKN & NO ₃ -N	\$ 50
Total Dissolved Nitrogen	--	4500	0.025		mg/L	216		\$ 50
Total Inorganic Nitrogen (TIN)	Calc	Calc	--		mg/L	280	Includes NH ₃ , NO ₃ , NO ₂	\$ 50
MBAS	--	5540C	0.1	0.05	mg/L	280		\$ 33
Asbestos	100.1	2570	--		--	56	subcontract	\$ 250
Cyanide	335.4	4500	0.005	5	mg/L	95		\$ 35
Silica	200.7	3120, 3125	--	0.2	mg/L	31		\$ 12
Grain Size Analysis	ASTM D3977	--	--		mg/L	96	subcontract	\$ 15
Chlorophyll a	--	10200	1.0		ug/L	84	subcontract	\$ 150
Bioassay - Chronic	1002.0, 1993, EPA 821-R-02-013	--	--		--	32	Ceriodaphnia dubia survival	\$ 750
Bacteriological								
Total Coliform (1, 0.1, 0.01 mL planted)	--	9221, 9222	10		MPN/100mL	155		\$ 25
Fecal Coliform (1, 0.1, 0.01 mL planted)	--	9221, 9222	10		MPN/100mL	415		\$ 25
<i>Escherichia coli</i> (1, 0.1, 0.01 mL planted)	1603	9221, 9223	10		MPN/100mL	415	IDEXX 18hr	\$ 25
Fecal Streptococcus (1, 0.1, 0.01 mL planted)	--	9230	10		MPN/100mL	63		\$ 75
Enterococcus (1, 0.1, 0.01 mL planted)	--	9230	10		MPN/100mL	143		\$ 75
Hydrocarbons								
Total Recoverable Petroleum Hydrocarbons - Gasoline	418.1, 8015B	5520	5		mg/L	72		\$ 85
Total Recoverable Petroleum Hydrocarbons - Diesel	418.1, 8015D	5520	5		mg/L	72		\$ 85
Organic Compounds								
Volatile Organic Compounds by GC/MS	8260, 1624	6410	--		ug/L	56		\$ 110
Semi-Volatile Organic Compounds by GC/MS	8270, 1625	6410, 6440	--		ug/L	57		\$ 175
PCDD/PCDF	8290, 613	--	--		ug/L	6	Subcontact	\$ 600
2,3,7,8-TCDD	8290, 613	--	--		ug/L	38	Subcontact	\$ 600
OrganoChlorine Pesticides & PCBs	8081, 608.1	6410, 6630	--		ug/L	75	EPA 8081 & 8082	\$ 130
OrganoPhosphorus Pesticides	8141, 614.1	--	--		ug/L	141	8141 compounds by EPA 8270	\$ 130
Pyrethoid Pesticides	8270	--	--		ug/L	14		\$ 160
Chlorinated Herbicides (Chlorphenoxy-)	8151, 615	--	--		ug/L	15		\$ 275
Glyphosphate	547	--	0.5	25	ug/L	33		\$ 97
Diquat	549	--	0.5	4	ug/L	33		\$ 97
NonylPhenol	3535, 8310	--	--		ug/L	33	Subcontact	\$ 200
Imazapyr	M2468	--	1.0		ug/L	15	Subcontact	\$ 200
Courier Services								
Sample Courier (Fixed Cost per sample pickup event)						100		\$ 50
Sample Courier (Cost per mile)						50		\$ -

¹ Laboratory may propose an alternative but equivalent method. Laboratory must have ELAP certification for the alternate method.