

MUNICIPAL UTILITIES DEPARTMENT LAB SERVICES
PUR 25-022
FEBRUARY 20, 2025

BID DOCUMENTS

COMPANY NAME: Alpha Analytical Laboratories, Inc.

CONTACT NAME: Rachel Kaua

ADDRESS: 9090 Union Park Way, Suite 113

Elk Grove, CA 95624

TELEPHONE NUMBER: 916-686-5190

EMAIL: rkaua@alpha-labs.com

Alpha Analytical Laboratories Inc. is pleased to present our proposal for your review of water testing needs for the Municipal Utilities Department Lab Services for the City of Stockton, California.

COMPANY BACKGROUND

Alpha is a full-service environmental laboratory specializing in the regulatory compliance analysis of waters, sediments, and solids since 1975. Our continuing goal is to provide our clients with scientifically sound and legally defensible data while offering a level of service that is second to none. Our vast certifications cover wastewater, drinking water, storm water, sediments, soil, and hazardous waste matrices. During our tenure, we have successfully conducted environmental analyses, both short term and ongoing, for numerous clients in the public and private sector. Our team of 90+ employees has extensive knowledge and experience to manage your sampling and testing needs.

1. ALPHA ANALYTICAL LABORATORIES, INC.

Alpha Analytical Laboratories Inc., has six locations to serve clients throughout California:

- Corporate Office is located at 208 Mason St., Ukiah, CA 95482
ELAP# 1551 Phone: 707-468-0401
Fax: 707-468-5267
- Bay Area Laboratory located at 262 Rickenbacker Circle, Livermore, CA 94551
ELAP# 2728 Phone: 925-828-6226
Fax: 925-828-6309
- Central Valley Laboratory at 9090 Union Park Way, Suite 113, Elk Grove, CA 95624
ELAP# 2922 Phone: 916-686-5190
Fax: 916-686-5192
- North Bay Laboratory located at 110 Liberty St., Petaluma, CA 94952
ELAP# 2303 Phone: 707-769-3128
Fax: 925-828-6309
- San Diego Laboratory located at 2722 Loker Ave. West, Suite A, Carlsbad, CA 92010
ELAP# 3055 Phone: 760-930-2555
Fax: 760-930-2510
- Los Angeles Laboratory located at 1230E. 223rd St. #205, Carson, CA 90745
ELAP# 3091 Phone: 424-267-5032

Client References

Alpha Analytical Laboratories, Inc., services a wide range of clients, ranging from Drinking Water, Wastewater, Hazardous Waste, and Storm Water. Below are a few of our many references available:

- **San Juan Water District**
Michael Spencer / WTP Chief / m Spencer@sjwd.org / 916-791-6919
Work Performed: Sampling and analysis of regulatory drinking water samples.
- **Olivehurst Public Utility District**
Ethan Bechtel / Lab Director / EBechtel@opud.org / 530-329-2911
Work Performed: Routine analysis of regulatory drinking water/wastewater samples.
- **City of Modesto – Division of Drinking Water**
Melissa Duran / Water Resource Analyst / mduran@modestogov.com / 209-342-4596
Work Performed: Routine analysis of regulatory drinking water samples.

Scope of Services

After careful review of the recent Request for Municipal Utilities Department Lab Services publication, the team at Alpha Analytical Laboratories is deeply interested in continuing to work with the City of Stockton. We feel that our years of experience makes us extremely well qualified to continue being Stockton's service provider for these important tasks.

Alpha Labs, with decades of experience in providing timely data for public water utilities, is well suited in all capacities involved. In order to facilitate accuracy and efficiency in sampling and reporting, we would carefully create prepopulated coc's and prelabeled container sampling kits and would include all DDW electronic reporting requirements.

We routinely report results electronically to the SWRCB Division for Drinking Water and will do so as required by the city. All additional deliverables (PDF, Excel, CSV) are routinely provided as well. In the event that the city employs software tracking of lab data (via WaterTrax, LOCUS, etc.) we are able to help. We have an online data access portal on our website (alpha-labs.com) that many agencies find useful as well.

The LIMS that Alpha Labs employs is Promium's ELEMENT, and it will allow for real-time exceedance notifications in the event of any triggered data values being measured internally but prior to final reporting. In addition to the standard notification levels for MCL, we can customize trigger values in the event that the city wants early notification for any specific non-regulatory outlier.

Please see attached documentation of ELAP certificates for Alpha Lab locations that will be processing samples for the City of Stockton. Also attached are the ELAP certificates for our subcontracted laboratories. All Alpha Labs have a QA/QC program in place, including QA/QC Directors, QAM Manual's, SOP's. All quality control criteria are followed in Alpha's day to day testing. We participate in annual performance evaluation studies.

Our typical turn-round time is 10 business days but can accommodate rush samples per request. Our rush turnaround time surcharge is as follows:

1-day rush	100%
2-day rush	75%
3-day rush	50%
4-day rush	40%
5-day rush	25%
6-day rush	20%
7-day rush	15%
8-day rush	10%
9-day rush	5%

We will work with the City of Stockton's lab personnel to facilitate sample pick up and bottle drop off's according to the city's schedule. Alpha has courier service available Monday - Thursday afternoon and Friday morning. Weekend pickups can be prearranged if necessary.

The insurance requirements within this bid are met at this time and will continue if the City of Stockton and Alpha Analytical Laboratories, Inc. contract is renewed. Alpha Labs does have a valid Stockton business license and will hold one for the life of the contract.

We look forward to the next steps in the selection process, and we thank you for taking Alpha Analytical Laboratories into consideration.

MUNICIPAL UTILITIES DEPARTMENT LAB SERVICES
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COST TABLE FOR PRODUCTS AND SERVICES

Description	Year 1 Pricing
Routine Monitoring for Wastewater NPDES Compliance	\$ 20,980.00
Hazardous Waste Characterization Testing	\$ 1,560.00
Annual Priority Pollutant Testing	\$ 4,240.00
Title 22 Drinking Water Compliance	\$ 74,692.00
Industrial Waste and Wastewater Hauler Testing	\$ 153,665.00
GRAND TOTAL	\$ Total = 255,137.00

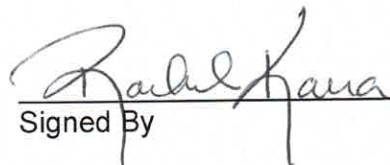
The bidder warrants this pricing for the contract term period. Annual cost adjustments up to three percent (3%) may be requested. Any adjustments exceeding this amount must be accompanied by evidence satisfactory to the City documenting the reason for and actual cost of the increase. All five (5) pricing tables are attached.

If the prime lab intends to use subcontractors, a list shall be provided with this bid.

Alpha Analytical Laboratories, Inc.
Company Name (Please Print)

02-19-2025
Date

916-686-5190
Phone Number


Signed By

Rachel Kaua
Name Printed

9090 Union Park Way, Suite 113 Elk Grove, CA 95624
Address

NOTE:

Bidders are to mark their sealed bids to clearly indicate the content as:
**MUNICIPAL UTILITIES DEPARTMENT LAB SERVICES
PUR 25-022
FEBRUARY 20, 2025**

IF YOU DO NOT WISH TO BID, PLEASE RETURN YOUR BID IMMEDIATELY STATING REASON.

ROUTINE MONITORING FOR WASTEWATER NPDES COMPLIANCE

Parameter	Units	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Turn Around Multipliers		
						24-hour	48-hour	5-day
Mercury, Total Recoverable	µg/L	EPA 1631E	4	\$73.00	\$292.00	100%	75%	25%
Methylmercury	ng/L	EPA 1630	4	\$107.00	\$428.00	100%	75%	25%
Ammonia-Nitrogen (RL <= 0.5 mg/L)	mg/L	SM4500	200	\$21.00	\$4,200.00	100%	75%	25%
Biochemical Oxygen Demand, 5-day	mg/L	SM5210B	200	\$21.00	\$4,200.00	100%	75%	25%
Conductivity	uS/cm	SM2510B	20	\$6.00	\$120.00	100%	75%	25%
Hardness (as CaCO3)	mg/L	Varies	50	\$27.00	\$1,350.00	100%	75%	25%
Total Kjeldahl Nitrogen	mg/L	EPA 351.2	2	\$37.00	\$74.00	100%	75%	25%
Nitrate (as N)	mg/L	EPA 300.0	150	\$13.00	\$1,950.00	100%	75%	25%
Nitrite (as N)	mg/L	EPA 300.0	150	\$13.00	\$1,950.00	100%	75%	25%
Nitrate+Nitrite as N	mg/l	EPA 300.0	15	\$24.00	\$360.00	100%	75%	25%
Total Dissolved Solids	mg/L	SM2540C	20	\$25.00	\$500.00	100%	75%	25%
Total Suspended Solids	mg/L	SM2540D	50	\$20.00	\$1,000.00	100%	75%	25%
Turbidity	NTU	SM2130B	25	\$8.00	\$200.00	100%	75%	25%
TTHM (report individual species)	ug/L	EPA 624	12	\$48.00	\$576.00	100%	75%	25%
Dissolved Organic Carbon	mg/L	SM5310C	70	\$49.00	\$3,430.00	100%	75%	25%
Chlorpyrifos/Diazinon	ug/L	EPA 8270 SIM	1	\$160.00	\$160.00	100%	75%	25%
Standard Minerals (include all major anions / cations)		Varies	1	\$190.00	\$190.00	100%	75%	25%
GRAND TOTAL					\$20,980.00			

HAZARDOUS WASTE CHARACTERIZATION

Parameter	Units	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Turn Around Multipliers		
						24-hour	48-hour	5-day
TTLIC Extraction			2	\$0.00	\$0.00	100%	75%	25%
STLC Extraction			2	\$80.00	\$160.00	100%	75%	25%
TCLP Extraction			2	\$100.00	\$200.00	100%	75%	25%
CAM 17 Metals	mg/L	EPA 6010/6020	2	\$140.00	\$280.00	100%	75%	25%
8260 VOCs	mg/kg	EPA 8260	2	\$140.00	\$280.00	100%	75%	25%
8270 SOC's	mg/kg	EPA 8270	2	\$160.00	\$320.00	100%	75%	25%
Single metal	mg/L	EPA 6010/6020	2	\$11.00	\$22.00	100%	75%	25%
TPH as Gas, Diesel and Motor Oil	mg/L	EPA 8015	2	\$130.00	\$260.00	100%	75%	25%
%Total Solids	%	EPA 2540B	2	\$19.00	\$38.00	100%	75%	25%
GRAND TOTAL					\$1,560.00			

ANNUAL PRIORITY POLLUTANT TESTING

Parameter	Wastewater (units = ug/L)					Biosolids (units = mg/kg dry weight)				Turn Around Multipliers		
	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	24-hour	48-hour	5-day
Metals / Other												
Antimony, Total	5	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Arsenic, Total	10	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Beryllium, Total	2	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Cadmium, Total	0.5	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Chromium, Total	50	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Copper, Total	5	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Lead, Total	2	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Mercury, Total	0.5	EPA 245.1	2	\$65.00	\$130.00	EPA 6020	1	\$65.00	\$65.00	100%	75%	25%
Nickel, Total	50	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Selenium, Total	5	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Silver, Total	2	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Thallium, Total	1	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Zinc, Total	20	EPA 200.8	2	\$11.00	\$22.00	EPA 6020	1	\$11.00	\$11.00	100%	75%	25%
Cyanide, Total	5	10-204-00-1X	2	\$48.00	\$96.00	EPA 9014	1	\$48.00	\$48.00	100%	75%	25%
Phenols, Total	--	EPA 420.1	2	\$70.00	\$140.00	EPA 420.1	1	\$70.00	\$70.00	100%	75%	25%
Dioxin, (2,3,7,8 TCDD)	--	EPA 1613	2	\$430.00	\$860.00	EPA 8290	1	\$430.00	\$430.00	100%	75%	25%
Volatiles												
acrolein	2	EPA 624	2	\$92.00	\$184.00	EPA 8260	1	\$140.00	\$140.00	100%	75%	25%
acrylonitrile	2	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
benzene	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
bromoform	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
carbon tetrachloride	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
chlorobenzene	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
chlorodibromomethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
chloroethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
2- chloroethyl vinyl ether	1	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
chloroform	2	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
dichlorobromomethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,1-dichloroethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,2-dichloroethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,1-dichloroethylene	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,2-dichloropropane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,3-dichloropropylene	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
ethylbenzene	2	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
methyl bromide (Bromomethane)	1	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
methyl chloride (Chloromethane)	2	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
methylene chloride (Dichloromethane)	2	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,1,2,2-tetrachloroethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
tetrachloroethylene	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
toluene	2	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,2-trans-dichloroethylene	1	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,1,1-trichloroethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
1,1,2-trichloroethane	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
trichloroethylene	2	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%
vinyl chloride	0.5	EPA 624	2		Included	EPA 8260	1		Included	100%	75%	25%

ANNUAL PRIORITY POLLUTANT TESTING

Parameter	Wastewater (units = ug/L)					Biosolids (units = mg/kg dry weight)				Turn Around Multipliers		
	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	24-hour	48-hour	5-day
Acid/Base/Neutral Compounds												
2-chlorophenol	5	EPA 625	2	\$160.00	\$320.00	EPA 8270	1	\$160.00	\$160.00	100%	75%	25%
2,4-dichlorophenol	5	plus	2		Included	plus	1		Included	100%	75%	25%
2,4-dimethylphenol	2	EPA 625SIM	2	\$160.00	\$320.00	EPA 8270SIM	1	\$160.00	\$160.00	100%	75%	25%
4,6-Dinitro-2-methylphenol	10		2		Included		1		Included	100%	75%	25%
2,4-dinitrophenol	5		2		Included		1		Included	100%	75%	25%
2-nitrophenol	10		2		Included		1		Included	100%	75%	25%
4-nitrophenol	10		2		Included		1		Included	100%	75%	25%
4-Chloro-3-methylphenol	5		2		Included		1		Included	100%	75%	25%
pentachlorophenol	1		2		Included		1		Included	100%	75%	25%
phenol	1		2		Included		1		Included	100%	75%	25%
2,4,6-trichlorophenol	10		2		Included		1		Included	100%	75%	25%
acenaphthene	1		2		Included		1		Included	100%	75%	25%
acenaphthylene	10		2		Included		1		Included	100%	75%	25%
anthracene	10		2		Included		1		Included	100%	75%	25%
benzidine	5		2		Included		1		Included	100%	75%	25%
benzo(a)anthracene 1,2-Benzanthracene	5		2		Included		1		Included	100%	75%	25%
Benzo(a)pyrene (3,4-Benzopyrene)	2		2		Included		1		Included	100%	75%	25%
3,4-benzofluoranthene	10		2		Included		1		Included	100%	75%	25%
benzo(g,h,i)perylene	5		2		Included		1		Included	100%	75%	25%
benzo(k)fluoranthene	2		2		Included		1		Included	100%	75%	25%
bis(2-chloroethoxy)methane	5		2		Included		1		Included	100%	75%	25%
bis(2-chloroethyl)ether	1		2		Included		1		Included	100%	75%	25%
bis(2-chloroisopropyl)ether	10		2		Included		1		Included	100%	75%	25%
bis(2-ethylhexyl)phthalate	5		2		Included		1		Included	100%	75%	25%
4-bromophenyl phenyl ether	10		2		Included		1		Included	100%	75%	25%
butylbenzyl phthalate	10		2		Included		1		Included	100%	75%	25%
2-chloronaphthalene	10		2		Included		1		Included	100%	75%	25%
4-chlorophenyl phenyl ether	5		2		Included		1		Included	100%	75%	25%
chrysene	5		2		Included		1		Included	100%	75%	25%
dibenzo(a,h)anthracene	0.1		2		Included		1		Included	100%	75%	25%
1,2-dichlorobenzene	0.5		2		Included		1		Included	100%	75%	25%
1,3-dichlorobenzene	0.5		2		Included		1		Included	100%	75%	25%
1,4-dichlorobenzene	0.5		2		Included		1		Included	100%	75%	25%
3,3'-dichlorobenzidine	5		2		Included		1		Included	100%	75%	25%
diethyl phthalate	10		2		Included		1		Included	100%	75%	25%
dimethyl phthalate	10		2		Included		1		Included	100%	75%	25%
di-n-butyl phthalate	10		2		Included		1		Included	100%	75%	25%
2,4-dinitrotoluene	5		2		Included		1		Included	100%	75%	25%
2,6-dinitrotoluene	5		2		Included		1		Included	100%	75%	25%
di-n-octyl phthalate	10		2		Included		1		Included	100%	75%	25%
1,2-diphenylhydrazine (as azobenzene)	1		2		Included		1		Included	100%	75%	25%
fluoranthene	10		2		Included		1		Included	100%	75%	25%
fluorene	10		2		Included		1		Included	100%	75%	25%
hexachlorobenzene	1		2		Included		1		Included	100%	75%	25%
hexachlorobutadiene	1		2		Included		1		Included	100%	75%	25%
hexachlorocyclopentadiene	5		2		Included		1		Included	100%	75%	25%
hexachloroethane	1		2		Included		1		Included	100%	75%	25%
indeno(1,2,3-c,d)pyrene	0.05		2		Included		1		Included	100%	75%	25%
isophorone	1		2		Included		1		Included	100%	75%	25%

ANNUAL PRIORITY POLLUTANT TESTING

Parameter	Wastewater (units = ug/L)					Biosolids (units = mg/kg dry weight)				Turn Around Multipliers		
	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	24-hour	48-hour	5-day
naphthalene	10		2		Included		1		Included	100%	75%	25%
nitrobenzene	10		2		Included		1		Included	100%	75%	25%
N-nitrosodimethylamine	5		2		Included		1		Included	100%	75%	25%
N-nitrosodi-n-propylamine	5		2		Included		1		Included	100%	75%	25%
N-nitrosodiphenylamine	1		2		Included		1		Included	100%	75%	25%
phenanthrene	5		2		Included		1		Included	100%	75%	25%
pyrene	10		2		Included		1		Included	100%	75%	25%
1,2,4-trichlorobenzene	1		2		Included		1		Included	100%	75%	25%
OC Pesticides												
aldrin	0.005	EPA 608	2	\$100.00	\$200.00	EPA 8081/8082	1	\$110.00	\$110.00	100%	75%	25%
alpha-BHC	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
beta-BHC	0.005	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
Lindane (gamma-Hexachlorocyclohexane)	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
delta-BHC	0.005	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
chlordane	0.1	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
4,4'-DDT	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
4,4'-DDE	0.05	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
4,4'-DDD	0.05	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
dieldrin	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
alpha-endosulfan	0.02	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
beta-endosulfan	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
endosulfan sulfate	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
endrin	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
endrin aldehyde	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
heptachlor	0.01	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
heptachlor epoxide	0.02	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
PCB-1242	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
PCB-1254	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
PCB-1221	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
PCB-1232	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
PCB-1248	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
PCB-1260	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
PCB-1016	0.5	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
toxaphene	--	EPA 608	2		Included	EPA 8081/8082	1		Included	100%	75%	25%
Total Solids	--	SM2540B	N/A	\$18.00	\$18.00	SM2540B	1	\$18.00	\$18.00	100%	75%	25%
Compositing, per sample portion	--	NA	N/A	\$15.00	\$15.00	NA	24	\$15.00	\$360.00	100%	75%	25%
GRAND TOTAL					\$2,547.00	GRAND TOTAL			\$1,693.00			

* Note: During the Effluent Characterization Study, the wastewater quantity would increase to £

EFFLUENT CHARACTERIZATION STUDY: ADDITIONAL ANALYTES

							Turn Around Multipliers		
Parameter	Units	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	24-hour	48-hour	5-day
Volatile Organics									
2-Chloroethyl vinyl ether	ug/L		EPA 624.1 CTR	6	\$90.00	\$540.00	100%	75%	25%
Acrolein	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Acrylonitrile	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Benzene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Bromoform	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Carbon Tetrachloride	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Chlorobenzene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Chloroethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Chloroform	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Methyl Chloride	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Dibromochloromethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Dichlorobromomethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Methylene Chloride	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Ethylbenzene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Hexachlorobutadiene	ug/L		EPA 625.1 CTR	6	\$160.00	\$960.00	100%	75%	25%
Methyl Bromide (Bromomethane)	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Naphthalene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Tetrachloroethylene (PCE)	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Toluene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
trans-1,2-Dichloroethylene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Trichloroethylene (TCE)	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Vinyl Chloride	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Methyl-tert-butyl ether (MTBE)	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,1,1-Trichloroethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,1,2-Trichloroethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,1-Dichloroethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,1-Dichloroethylene (DCE)	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,2-Dichloropropane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,3-Dichloropropylene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,1,2,2-Tetrachloroethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,2,4-Trichlorobenzene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
1,2-Dichloroethane	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,2-Dichlorobenzene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,3-Dichlorobenzene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
1,4-Dichlorobenzene	ug/L		EPA 624.1 CTR	6		Included	100%	75%	25%
Semi-Volatile Organics									
Benzo(a)Anthracene	ug/L		EPA 625.1 CTR PAH	6	\$160.00	\$960.00	100%	75%	25%
1,2-Diphenylhydrazine	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2-Chlorophenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2,4-Dichlorophenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%

EFFLUENT CHARACTERIZATION STUDY: ADDITIONAL ANALYTES

Parameter	Units	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Turn Around Multipliers		
							24-hour	48-hour	5-day
2,4-Dimethylphenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2,4-Dinitrophenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2,4-Dinitrotoluene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2,4,6-Trichlorophenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2,6-Dinitrotoluene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2-Nitrophenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2-Chloronaphthalene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
3,3-Dichlorobenzidine	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Benzo(b)Fluoranthene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
4-Chloro-3-methylphenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
2-Methyl-4,6-Dinitrophenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
4-Nitrophenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
4-Bromophenyl Phenyl Ether	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
4-Chlorophenyl Phenyl Ether	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Acenaphthene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Acenaphthylene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Anthracene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Benidine	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Benzo(a)Pyrene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Benzo(ghi)Perylene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Benzo(k)Fluoranthene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Bis (2-Chloroethoxy) Methane	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Bis (2-Chloroethyl) Ether	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Bis (2-Chloroisopropyl) Ether	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Bis(2-Ethylhexyl) Phthalate	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Butylbenzyl Phthalate	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Chrysene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Di-n-butyl Phthalate	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Di-n-Octyl Phthalate	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Dibenzo(a,h)anthracene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Diethyl Phthalate	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Dimethyl Phthalate	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Fluoranthene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Fluorene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Hexachlorobenzene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Hexachlorocyclopentadiene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Hexachloroethane	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Indeno(1,2,3-cd) Pyrene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Isophorone	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
N-Nitrosodiphenylamine	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
N-Nitrosodimethylamine	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%

EFFLUENT CHARACTERIZATION STUDY: ADDITIONAL ANALYTES

Parameter	Units	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Turn Around Multipliers		
							24-hour	48-hour	5-day
N-Nitrosodi-n-Propylamine	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Nitrobenzene	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Pentachlorophenol (PCP)	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Phenanthrene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Phenol	ug/L		EPA 625.1 CTR	6		Included	100%	75%	25%
Pyrene	ug/L		EPA 625.1 CTR PAH	6		Included	100%	75%	25%
Inorganics									
Aluminum	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Antimony, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Arsenic, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Asbestos	ug/L		EPA 100.1	6	\$320.00	\$1,920.00	100%	75%	25%
Beryllium, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Cadmium, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Chromium, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Copper, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Iron, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Lead, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Mercury, Total	ug/L		EPA 1631	6	\$70.00	\$420.00	100%	75%	25%
Mercury, Methyl	ug/L		EPA 1630	6	\$100.00	\$600.00	100%	75%	25%
Manganese, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Nickel, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Selenium, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Silver, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Thallium, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Zinc, Total	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Non-Metals / Minerals									
Boron	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Chloride	mg/L		EPA 300.0	6	\$13.00	\$78.00	100%	75%	25%
Cyanide, Total (as CN)	ug/L		10-204-00-1-X	6	\$48.00	\$288.00	100%	75%	25%
Sulfate	mg/L		EPA 300.0	6	\$13.00	\$78.00	100%	75%	25%
Sulfide (as S)	mg/L		SM4500-S D	6	\$35.00	\$210.00	100%	75%	25%
Pesticide/PCB/Dioxin									
4,4-DDD	ug/L		EPA 608	6	\$100.00	\$600.00	100%	75%	25%
4,4-DDE	ug/L		EPA 608	6		Included	100%	75%	25%
4,4-DDT	ug/L		EPA 608	6		Included	100%	75%	25%
alpha-Endosulfan	ug/L		EPA 608	6		Included	100%	75%	25%
alpha-BHC (Benzene hexachloride)	ug/L		EPA 608	6		Included	100%	75%	25%
Aldrin	ug/L		EPA 608	6		Included	100%	75%	25%
beta-Endosulfan	ug/L		EPA 608	6		Included	100%	75%	25%
beta-BHC (Benzene hexachloride)	ug/L		EPA 608	6		Included	100%	75%	25%
Chlordane	ug/L		EPA 608	6		Included	100%	75%	25%

EFFLUENT CHARACTERIZATION STUDY: ADDITIONAL ANALYTES

Parameter	Units	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Turn Around Multipliers		
							24-hour	48-hour	5-day
delta-BHC (Benzene hexachloride)	ug/L		EPA 608	6		Included	100%	75%	25%
Dieldrin	ug/L		EPA 608	6		Included	100%	75%	25%
Endosulfan Sulfate	ug/L		EPA 608	6		Included	100%	75%	25%
Endrin	ug/L		EPA 608	6		Included	100%	75%	25%
Endrin Aldehyde	ug/L		EPA 608	6		Included	100%	75%	25%
Heptachlor	ug/L		EPA 608	6		Included	100%	75%	25%
Heptachlor Epoxide	ug/L		EPA 608	6		Included	100%	75%	25%
gamma-BHC (Benzene hexachloride or Lindane)	ug/L		EPA 608	6		Included	100%	75%	25%
Polychlorinated Biphenyl (PCB) 1016	ug/L		EPA 608	6		Included	100%	75%	25%
PCB 1221	ug/L		EPA 608	6		Included	100%	75%	25%
PCB 1232	ug/L		EPA 608	6		Included	100%	75%	25%
PCB 1242	ug/L		EPA 608	6		Included	100%	75%	25%
PCB 1248	ug/L		EPA 608	6		Included	100%	75%	25%
PCB 1254	ug/L		EPA 608	6		Included	100%	75%	25%
PCB 1260	ug/L		EPA 608	6		Included	100%	75%	25%
Toxaphene	ug/L		EPA 608	6		Included	100%	75%	25%
2,3,7,8-TCDD (Dioxin)	ug/L		EPA 1613	6	\$430.00	\$2,580.00	100%	75%	25%
Non-Conventional									
Foaming Agents (MBAS)	mg/L		SM5540C	6	\$49.00	\$294.00	100%	75%	25%
Dissolved Organic Carbon (DOC)	mg/L		SM5310	6	\$48.00	\$288.00	100%	75%	25%
Nutrients									
Phosphorus, Total (as P)	mg/L		SM4500-P F	6	\$22.00	\$132.00	100%	75%	25%
Other Constituents of Concern									
1,2,3-Trichloropropane (TCP)	ug/L		EPA 524.2M	6	\$130.00	\$780.00	100%	75%	25%
Trichlorofluoromethane	ug/L		EPA 524.2	6	\$92.00	\$552.00	100%	75%	25%
1,1,2-Trichloro-1,2,2-Trifluoroethane	ug/L		EPA 524.2	6		Included	100%	75%	25%
Styrene	ug/L		EPA 524.2	6		Included	100%	75%	25%
Xylenes	ug/L		EPA 524.2	6		Included	100%	75%	25%
Barium	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Fluoride	ug/L		EPA 300.0	6	\$13.00	\$78.00	100%	75%	25%
Molybdenum	ug/L		EPA 200.8	6	\$11.00	\$66.00	100%	75%	25%
Tributyltin	ug/L		Battelle	6	\$275.00	\$1,650.00	100%	75%	25%
Alachlor	ug/L		EPA 507	6	\$100.00	\$600.00	100%	75%	25%
Atrazine	ug/L		EPA 507	6		Included	100%	75%	25%
Bentazon	ug/L		EPA 515.3	6	\$100.00	\$600.00	100%	75%	25%
Carbofuran	ug/L		EPA 531.1	6	\$100.00	\$600.00	100%	75%	25%
2,4-D	ug/L		EPA 515.3	6		Included	100%	75%	25%
Dalapon	ug/L		EPA 515.3	6		Included	100%	75%	25%
1,2-Dibromo-3-chloropropane (DBCP)	ug/L		EPA 504.1	6	\$100.00	\$600.00	100%	75%	25%
Di(2-ethylhexyl)adipate	ug/L		EPA 525.3	6	\$200.00	\$1,200.00	100%	75%	25%
Dinoseb	ug/L		EPA 515.3	6		Included	100%	75%	25%

EFFLUENT CHARACTERIZATION STUDY: ADDITIONAL ANALYTES

Parameter	Units	Maximum Reporting Level	Proposed Analytical Method	Estimated Annual Quantity	Unit Cost	TOTAL COST	Turn Around Multipliers		
							24-hour	48-hour	5-day
Diquat	ug/L		EPA 549.2	6	\$100.00	\$600.00	100%	75%	25%
Endothal	ug/L		EPA 548.1	6	\$100.00	\$600.00	100%	75%	25%
Ethylene Dibromide (EDB)	ug/L		EPA 504.1	6		Included	100%	75%	25%
Methoxychlor	ug/L		EPA 508	6	\$100.00	\$600.00	100%	75%	25%
Molinate (Ordram)	ug/L		EPA 507	6	\$100.00	\$600.00	100%	75%	25%
Oxamyl	ug/L		EPA 531.1	6		Included	100%	75%	25%
Picloram	ug/L		EPA 515.3	6		Included	100%	75%	25%
Simazine (Princep)	ug/L		EPA 507	6		Included	100%	75%	25%
Thiobencarb	ug/L		EPA 525.3	6		Included	100%	75%	25%
2,4,5-TP (Silvex)	ug/L		EPA 515.3	6		Included	100%	75%	25%
Chlorpyrifos	ug/L		EPA 8270	6	\$160.00	\$960.00	100%	75%	25%
Diazinon	ug/L		EPA 8270	6	\$160.00	\$960.00	100%	75%	25%
Pyrethroid Pesticides									
Total Bifenthrin	ng/L	1.3	EPA 625.1	6	\$450.00	\$2,700.00	100%	75%	25%
Total Cyfluthrin	ng/L	1.3	EPA 625.1	6		Included	100%	75%	25%
Total Cypermethrin	ng/L	1.7	EPA 625.1	6		Included	100%	75%	25%
Total Esfenvalerate	ng/L	3.3	EPA 625.1	6		Included	100%	75%	25%
Total Lambda-cyhalothrin	ng/L	1.2	EPA 625.1	6		Included	100%	75%	25%
Total Permethrin	ng/L	10	EPA 625.1	6		Included	100%	75%	25%
GRAND TOTAL						\$24,816.00			

Note: this sampling will take place every other month, from April 2026 to March 2027

Analytes already listed on Routine Wastewater page

Methylmercury ²	included on WW page,
Nitrate (as N) ²	included on WW page,
Nitrite (as N) ²	included on WW page,

TITLE 22 DRINKING WATER AND SOURCE WATER COMPLIANCE

ATTACHMENT B

Parameter	Units	Estimated Annual Quantity	Proposed Analytical Method	Unit Cost	Extended Cost	Turn Around Multipliers		
						24-hour	48-hour	5-day
General Mineral (full suite)	various	6	Various	\$189.00	\$1,134.00	100%	75%	25%
General Physical (full suite)	various	6	Various	\$90.00	\$540.00	100%	75%	25%
Inorganic (incl metals)	various	6	Various	\$175.00	\$1,050.00	100%	75%	25%
Alkalinity-total	mg/L	30	SM2320B	\$11.00	\$330.00	100%	75%	25%
Alkalinity - speciated	mg/L	30	SM 2320B	\$11.00	\$330.00	100%	75%	25%
UCMR5	UG/L	60	Various	\$550.00	\$33,000.00	100%	75%	25%
Aluminum	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Antimony, Total	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Arsenic	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Barium	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Beryllium, Total	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
BHC-Gamma	UG/L	4	EPA 508	\$100.00	\$400.00	100%	75%	25%
Bromodichloromethane	UG/L	4	EPA 524.2	\$90.00	\$360.00	100%	75%	25%
Bromoform	UG/L	4	EPA 524.2		Included	100%	75%	25%
Cadmium	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Calcium	MG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Chlorobenzene	UG/L	4	EPA 524.2		Included	100%	75%	25%
Chloroform	UG/L	4	EPA 524.2		Included	100%	75%	25%
Chromium	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Color	UNITS	4	SM 2120B	\$10.00	\$40.00	100%	75%	25%
Combined Uranium	PCI/L	4	EPA 200.8	\$28.00	\$112.00	100%	75%	25%
Conductivity @ 25 C UMHOS/CM	UMHO/CM	4	SM2510B	\$6.00	\$24.00	100%	75%	25%
Dibromoacetic Acid	UG/L	4	EPA 552.2	\$70.00	\$280.00	100%	75%	25%
Dibromochloromethane	UG/L	4	EPA 524.2		Included	100%	75%	25%
Dichloroacetic Acid	UG/L	4			Included	100%	75%	25%
Hydroxide as Calcium Carbonate	MG/L	30	SM2320B	\$11.00	\$330.00	100%	75%	25%
Iron	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Lasso (Alachlor)	UG/L	4	EPA 507	\$100.00	\$400.00	100%	75%	25%
Magnesium	MG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Manganese	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Mercury	UG/L	4	EPA 245.1	\$65.00	\$260.00	100%	75%	25%
Methyl Tert-Butyl Ether	UG/L	4	EPA 524.2		Included	100%	75%	25%
Molinate	UG/L	4	EPA 507		Included	100%	75%	25%
Monobromoacetic Acid	UG/L	4			Included	100%	75%	25%

Monochloroacetic Acid	UG/L	4			Included	100%	75%	25%
Nickel	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
O-Dichlorobenzene	UG/L	4	EPA 524.2		Included	100%	75%	25%
Odor	TON	4	EPA 140.1	\$10.00	\$40.00	100%	75%	25%
P-Dichlorobenzene	UG/L	4	EPA 524.2		Included	100%	75%	25%
pH	pH	4	SM4500-H+B	\$6.00	\$24.00	100%	75%	25%
Selenium	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Silver	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Sodium	MG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Thallium, Total	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Trichloroacetic Acid	UG/L	4			Included	100%	75%	25%
Zinc	UG/L	4	EPA 200.8	\$11.00	\$44.00	100%	75%	25%
Total Coliform, HPC (Total Coliform, E. Coli, Chlorine Residuals)	UG/L	40	Various	\$70.00	\$2,800.00	100%	75%	25%
	MFL	4	SM9223	\$25.00	\$100.00	100%	75%	25%
Cyanide, Total	ug/L	1	10-204-00-1X	\$48.00	\$48.00	100%	75%	25%
Chloride	mg/L	30	EPA 300.0	\$13.00	\$390.00	100%	75%	25%
Fluoride	mg/L	5	EPA 300.0	\$13.00	\$65.00	100%	75%	25%
Nitrate-N	mg/L	50	EPA 300.0	\$13.00	\$650.00	100%	75%	25%
Nitrite (as N)	mg/L	5	EPA 300.0	\$13.00	\$65.00	100%	75%	25%
Bromide	mg/L	30	EPA 300.1	\$22.00	\$660.00	100%	75%	25%
Sulfate	mg/L	30	EPA 300.0	\$13.00	\$390.00	100%	75%	25%
Hardness (as CaCO3)	mg/L	5	Various	\$27.00	\$135.00	100%	75%	25%
Foaming agents (MBAS)	mg/L	5	SM5540C	\$45.00	\$225.00	100%	75%	25%
NO2 + NO3-N	mg/L	5	EPA 300.0	\$26.00	\$130.00	100%	75%	25%
Perchlorate	ug/L	6	EPA 314.1	\$48.00	\$288.00	100%	75%	25%
Single Metals	mg/L	30	EPA 200.8	\$11.00	\$330.00	100%	75%	25%
Lead/Copper (55 samples in 2021)	mg/L	60	EPA 200.8	\$22.00	\$1,320.00	100%	75%	25%
Turbidity	NTU	5	SM2330B	\$8.00	\$40.00	100%	75%	25%
Aggressive Index	AI	6	Various	\$36.00	\$216.00	100%	75%	25%
Odor, Threshold	TON	35	EPA 140.1	\$10.00	\$350.00	100%	75%	25%
Apparent Color	units	35	SM 2120B	\$10.00	\$350.00	100%	75%	25%
Specific Conductance	uS/cm	30	SM2510B	\$6.00	\$180.00	100%	75%	25%
Total Dissolved Solids	mg/L	55	SM2540C	\$20.00	\$1,100.00	100%	75%	25%
Bromate	mg/L	15	EPA 300.1	\$32.00	\$480.00	100%	75%	25%
TOC	mg/L	55	SM5310C	\$41.00	\$2,255.00	100%	75%	25%
DOC	mg/L	15	SM5310C	\$48.00	\$720.00	100%	75%	25%
EDB/DBCP	ug/L	4	40CFR141	\$50.00	\$200.00	100%	75%	25%
Triazine Pesticides	ug/L	2	40CFR141	\$125.00	\$250.00	100%	75%	25%
Chlor Pesticides and PCB	ug/L	2	40CFR141	\$200.00	\$400.00	100%	75%	25%
Herbicides	ug/L	2	40CFR141	\$100.00	\$200.00	100%	75%	25%
VOC	ug/L	4	40CFR141	\$90.00	\$360.00	100%	75%	25%

ATTACHMENT B

DEHA/DEHP	ug/L	2	40CFR141	\$100.00	\$200.00	100%	75%	25%
Carbamates	ug/L	2	40CFR141	\$100.00	\$200.00	ATTACHMENT B		
Glyphosate	ug/L	2	40CFR141	\$100.00	\$200.00	100%	75%	25%
Endothall	ug/L	4	40CFR141	\$100.00	\$400.00	100%	75%	25%
UV254 absorbance	cm-1	15	SM5910B	\$81.00	\$1,215.00	100%	75%	25%
SUVA	L/mg-M	15	Various	\$21.00	\$315.00	100%	75%	25%
ortho-Phosphate	mg/L	50	EPA 300.0	\$13.00	\$650.00	100%	75%	25%
VOCs (Table 64444-A(a))*								
Benzene		4	EPA 524.2	\$92.00	\$368.00	100%	75%	25%
Carbon Tetrachloride		4	EPA 524.2		Included	100%	75%	25%
1,2-Dichlorobenzene		4	EPA 524.2		Included	100%	75%	25%
1,4-Dichlorobenzene		4	EPA 524.2		Included	100%	75%	25%
1,1-Dichloroethane		4	EPA 524.2		Included	100%	75%	25%
1,2-Dichloroethane		4	EPA 524.2		Included	100%	75%	25%
1,1-Dichloroethylene		4	EPA 524.2		Included	100%	75%	25%
cis-1,2-Dichloroethylene		4	EPA 524.2		Included	100%	75%	25%
trans-1,2-Dichloroethylene		4	EPA 524.2		Included	100%	75%	25%
Dichloromethane (MeCl)		4	EPA 524.2		Included	100%	75%	25%
1,2-Dichloropropane		4	EPA 524.2		Included	100%	75%	25%
Total 1,3-Dichloropropene		4	EPA 524.2		Included	100%	75%	25%
Ethylbenzene		4	EPA 524.2		Included	100%	75%	25%
Methyl tert-butyl ether (MTBE)		4	EPA 524.2		Included	100%	75%	25%
Monochlorobenzene		4	EPA 524.2		Included	100%	75%	25%
Styrene		4	EPA 524.2		Included	100%	75%	25%
1,1,2,2-Tetrachloroethane		4	EPA 524.2		Included	100%	75%	25%
Tetrachloroethylene (PCE)		4	EPA 524.2		Included	100%	75%	25%
Toluene		4	EPA 524.2		Included	100%	75%	25%
1,2,4-Trichlorobenzene		4	EPA 524.2		Included	100%	75%	25%
1,1,1-Trichloroethane		4	EPA 524.2		Included	100%	75%	25%
1,1,2-Trichloroethane		4	EPA 524.2		Included	100%	75%	25%
Trichloroethylene		4	EPA 524.2		Included	100%	75%	25%
Trichlorofluoromethane		4	EPA 524.2		Included	100%	75%	25%
1,1,2-Trichloro-1,2,2-Trifluoroethane		4	EPA 524.2		Included	100%	75%	25%
Vinyl Chloride		4	EPA 524.2		Included	100%	75%	25%
Xylenes (total)		4	EPA 524.2		Included	100%	75%	25%
SOC (Table 64444-A (b))*								
1,2-Dibromo-3-chloropropane (DBCP)		4	EPA 504.1	\$45.00	\$180.00	100%	75%	25%
Ethylene dibromide (EDB)		4	EPA 504.1		Included	100%	75%	25%
Alachlor		4	EPA 507	\$100.00	\$400.00	100%	75%	25%
Atrazine		4	EPA 507		Included	100%	75%	25%
Bentazon		4	EPA 515.3	\$100.00	\$400.00	100%	75%	25%

ATTACHMENT B

Benzo(a)pyrene		4	EPA 525.3	\$200.00	\$800.00	100%	75%	25%
Carbofuran		4	EPA 531.1	\$100.00	\$400.00	100%	75%	25%
Chlordane		4	EPA 508	\$100.00	\$400.00	100%	75%	25%
2,4-D		4	EPA 515.3		Included	100%	75%	25%
Dalapon		4	EPA 515.3		Included	100%	75%	25%
Diethylhexyl adipate		4	EPA 525.3		Included	100%	75%	25%
Diethylhexyl phthalate		4	EPA 525.3		Included	100%	75%	25%
Dinoseb		4	EPA 515.3		Included	100%	75%	25%
Diquat		4	EPA 549.2	\$100.00	\$400.00	100%	75%	25%
Endothall		4	EPA 548.1	\$100.00	\$400.00	100%	75%	25%
Endrin		4	EPA 508		Included	100%	75%	25%
Glyphosphate		4	EPA 547	\$100.00	\$400.00	100%	75%	25%
Heptachlor		4	EPA 508		Included	100%	75%	25%
Heptachlor epoxide		4	EPA 508		Included	100%	75%	25%
Hexachlorobenzene		4	EPA 508		Included	100%	75%	25%
Hexachlorocyclopentadiene		4			Included	100%	75%	25%
Lindane		2	EPA 508		Included	100%	75%	25%
Methoxychlor		4	EPA 508		Included	100%	75%	25%
Molinate		4	EPA 507		Included	100%	75%	25%
Oxamyl		4	EPA 531.1		Included	100%	75%	25%
Pentachlorophenol		4	EPA 515.3		Included	100%	75%	25%
Picloram		4	EPA 515.3		Included	100%	75%	25%
PCB's		4	EPA 508		Included	100%	75%	25%
Simazine		4	EPA 507		Included	100%	75%	25%
Thiobencarb		4			Included	100%	75%	25%
Toxaphene		4	EPA 508		Included	100%	75%	25%
2,4,5-TP (Silvex)		4	EPA 515.3		Included	100%	75%	25%
2,3,7,8-TCDD (Dioxin)		4	EPA 1613	\$430.00	\$1,720.00	100%	75%	25%
1,2,3-Trichloropropane		5	EPA 524.2M	\$130.00	\$650.00	100%	75%	25%
TTHM (reporting individual species)	ug/L	80	EPA 524.2	\$48.00	\$3,840.00	100%	75%	25%
HAA5 (reporting individual species)	ug/L	80	EPA 552.3	\$70.00	\$5,600.00	100%	75%	25%
Water Suitability	ratio	1	Various	\$275.00	\$275.00	100%	75%	25%
Gross Alpha	pic / L	4	EPA 900.0	\$92.00	\$368.00	100%	75%	25%
Uranium	pic / L	4	EPA 200.8	\$28.00	\$112.00	100%	75%	25%
Radium 226+228	pic / L	2	EPA 903.1	\$350.00	\$700.00	100%	75%	25%
GRAND TOTAL					\$74,692.00			

INDUSTRIAL WASTE

Parameter	Analytical Method	Estimated Annual Quantity	Unit Cost	Extended Cost	Turn Around Multipliers		
					24-hour	48-hour	5-day
Oil and Grease	1664A	150	\$64.00	\$9,600.00	100%	75%	25%
TRPH	1664A w/SGT	180	\$80.00	\$14,400.00	100%	75%	25%
TPH-Full Scan (w/chromatograph)	8015M	25	\$65.00	\$1,625.00	100%	75%	25%
TPH-Gas	8015M	10	\$65.00	\$650.00	100%	75%	25%
TPH-Diesel	8015M	10	\$65.00	\$650.00	100%	75%	25%
Pesticides	608	25	\$100.00	\$2,500.00	100%	75%	25%
GC/MS Volatile Organics	624	50	\$92.00	\$4,600.00	100%	75%	25%
GCIMS Volatile Organics	8260	25	\$140.00	\$3,500.00	100%	75%	25%
GC/MS Semi Volatile Organics	625	50	\$150.00	\$7,500.00	100%	75%	25%
GC/MS Semi Volatile Organics	8270	25	\$160.00	\$4,000.00	100%	75%	25%
Total Suspended Solids (TSS)	40CFR136	180	\$20.00	\$3,600.00	100%	75%	25%
Biochemical Oxygen Demand (BOD)	40CFR136	180	\$21.00	\$3,780.00	100%	75%	25%
Chemical Oxygen Demand (COD)	40CFR136	25	\$40.00	\$1,000.00	100%	75%	25%
Biochemical Oxygen Demand, 7-day	40CFR137	10	\$200.00	\$2,000.00	100%	75%	25%
Total Settleable Solids	40CFR136	25	\$20.00	\$500.00	100%	75%	25%
Total Dissolved Solids	40CFR136	150	\$20.00	\$3,000.00	100%	75%	25%
Conductivity	120	25	\$6.00	\$150.00	100%	75%	25%
Cadmium (Cd)	200 Series	150	\$11.00	\$1,650.00	100%	75%	25%
Chromium (Cr)	200 Series	160	\$11.00	\$1,760.00	100%	75%	25%
Hexavalent Chromium (Cr+6)	218.6	10	\$70.00	\$700.00	100%	75%	25%
Copper (Cu)	200 Series	160	\$11.00	\$1,760.00	100%	75%	25%
Nickel (Ni)	200 Series	160	\$11.00	\$1,760.00	100%	75%	25%
Lead (Pb)	200 Series	180	\$11.00	\$1,980.00	100%	75%	25%
Zinc (Zn)	200 Series	160	\$11.00	\$1,760.00	100%	75%	25%
Cyanide (CN)	40CFR136	150	\$48.00	\$7,200.00	100%	75%	25%
Cyanide Amenable (CN.A)	335.1	10	\$48.00	\$480.00	100%	75%	25%
Silver (Ag)	200 Series	150	\$11.00	\$1,650.00	100%	75%	25%
Arsenic (As)	200 Series	150	\$11.00	\$1,650.00	100%	75%	25%

ATTACHMENT B**Turn Around Multipliers**

Parameter	Analytical Method	Estimated Annual Quantity	Unit Cost	Extended Cost	24-hour	48-hour	5-day
Mercury (Hg)	200 Series	160	\$11.00	\$1,760.00	100%	75%	25%
Metals- CAM-17	6010	15	\$140.00	\$2,100.00	100%	75%	25%
STLC Metals	Title 22	15	\$80.00	\$1,200.00	100%	75%	25%
TTLC Metals	EPA Methods	15	\$25.00	\$375.00	100%	75%	25%
RCR/VTCLP Metals (8)	6010	15	\$100.00	\$1,500.00	100%	75%	25%
Ammonia	40CFR136	50	\$21.00	\$1,050.00	100%	75%	25%
E. Coli	EPA Methods	100	\$25.00	\$2,500.00	100%	75%	25%
Total Coliform	EPA Methods	50	\$25.00	\$1,250.00	100%	75%	25%
Fecal Coliform	EPA Methods	50	\$25.00	\$1,250.00	100%	75%	25%
Enterococcus	EPA Methods	50	\$40.00	\$2,000.00	100%	75%	25%
Potassium (K)	EPA Methods	150	\$11.00	\$1,650.00	100%	75%	25%
Magnesium (Mg)	40CFR136	150	\$11.00	\$1,650.00	100%	75%	25%
Sodium (Na)	40CFR136	150	\$11.00	\$1,650.00	100%	75%	25%
Calcium (Ca)	40CFR136	150	\$11.00	\$1,650.00	100%	75%	25%
Bicarbonate (CaCO ₃)	40CFR136	150	\$11.00	\$1,650.00	100%	75%	25%
Ammonium (NH ₄)	40CFR136	150	\$40.00	\$6,000.00	100%	75%	25%
Chloride (Cl)	40CFR136	150	\$13.00	\$1,950.00	100%	75%	25%
Nitrate (NO ₃)	40CFR136	150	\$13.00	\$1,950.00	100%	75%	25%
Sulfate (SO ₄)	40CFR136	150	\$13.00	\$1,950.00	100%	75%	25%
MBAS Surfactants	425.1	25	\$45.00	\$1,125.00	100%	75%	25%
Methanol	40CFR136	25	\$85.00	\$2,125.00	100%	75%	25%
Ethanol	40CFR136	25	\$85.00	\$2,125.00	100%	75%	25%
BTEX	8015/8260	25		Included	100%	75%	25%
MTBE	8260	25		Included	100%	75%	25%
TBA	8260	25		Included	100%	75%	25%
DIPE	8260	25		Included	100%	75%	25%
ETBE	8260	25		Included	100%	75%	25%
TAME	8260	25		Included	100%	75%	25%
1,2-DCA	8260	25		Included	100%	75%	25%

ATTACHMENT B**Turn Around Multipliers**

Parameter	Analytical Method	Estimated Annual Quantity	Unit Cost	Extended Cost	24-hour	48-hour	5-day
EDB	624/8260	25		Included	100%	75%	25%
DBCP	624/8260	25		Included	100%	75%	25%
PCB's	508/608	10		Included	100%	75%	25%
Polynuclear Aromatic Hydrocarbons	610	10	\$175.00	\$1,750.00	100%	75%	25%
Phenols	625	10		Included	100%	75%	25%
Dioxin	EPA Methods	10	\$430.00	\$4,300.00	100%	75%	25%
Formaldehyde	EPA 8315	10	\$125.00	\$1,250.00	100%	75%	25%
Reactivity/Corrosivity/Ignitability	EPA Methods	10	\$100.00	\$1,000.00	100%	75%	25%
Flash Point (Ignitability)	1010	10		Included	100%	75%	25%
Bioassay - Hazardous Waste, Static	Title 22	15	\$1,300.00	\$19,500.00	100%	75%	25%
GRAND TOTAL				\$153,665.00			

BIDDER'S AGREEMENT

In submitting this bid, as herein described, the bidder agrees that:

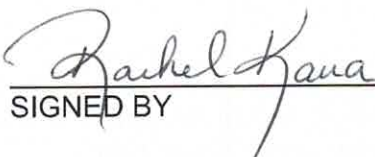
1. They have carefully examined the specifications and all other provisions of this form and understand the meaning, intent, and requirements of same.
2. They have reviewed and understand all clarifications/questions/answers on the City's website at www.stocktonca.gov/mudbid
3. They will enter into written contract and furnish the item(s)/service(s) in the time specified in strict conformity with the specifications and conditions contained therein for the price quoted by the bidder on this bid.
4. The proposed price is inclusive of all freight and handling charges and includes delivery to the City of Stockton, Municipal Service Center, or if specified, to the alternate point of delivery shown in the specifications.
5. They have signed and notarized the attached Non-Collusion Affidavit form whether individual, corporate or partnership. Must be "A Jurat" notarization.

Alpha Analytical Laboratories, Inc.

FIRM

9090 Union Park Way, Suite 113 Elk Grove, CA 95624

ADDRESS



SIGNED BY

Director of Operations

TITLE OR AGENCY

rkaua@alpha-labs.com

E-MAIL ADDRESS

NOTE: Bids are invalid which are unsigned, or not accompanied by **\$0.00** bid deposit or a bidder's bond. If erasures or interlineations appear on your bid form, they must be initialed by the person preparing the bid. Bids shall be emailed or delivered to:

city.clerk@stocktonca.gov

On or before **2:00 p.m. Thursday, February 20, 2025**, and publicly opened immediately thereafter in the City Council Chambers.

**NON-COLLUSION
AFFIDAVIT FOR INDIVIDUAL BIDDER**

No. 1

STATE OF CALIFORNIA, _____)ss.

County of _____
(insert)

being first duly sworn, deposes and says: That on behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation to put in a sham bid, or that such other person, firm or corporation shall or should refrain from bidding; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, or over any other Bidder.

(Signature Individual Bidder)

Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 20____
by _____, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Seal _____

Signature _____

No. 2 **AFFIDAVIT FOR CORPORATION BIDDER**

STATE OF CALIFORNIA, _____)ss.

County of Sacramento _____)
(insert)

I, Rachel Kaua _____ being first duly sworn, deposes and

says: That they are the Director of Operations - EG of Alpha Analytical Laboratories, Inc. a corporation, which corporation is the party making the foregoing bid, that such bid is genuine and not sham or collusive, or made in the interest or behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation to put in a sham bid, or that such other person, firm or corporation shall or should refrain from bidding; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, ~~or over any other Bidder.~~)

(Signature Corporation Bidder)

Subscribed and sworn to (or affirmed) before me on this 19th day of February, 2025
by , proved to me on the basis of satisfactory evidence to be the person(s) ✓ who appeared before me.

Seal _____

Signature 

**See Attached
Notarial Certificate**

No. 3 AFFIDAVIT FOR FIRM, ASSOCIATION, OR CO-PARTNERSHIP

STATE OF CALIFORNIA, _____)ss.

County of _____)
(insert)

each being first duly sworn, depose and say: That they are a member of the firm, association or co-partnership,

designated as _____ who is the party making the foregoing bid; that the other

partner, or partners, are _____ that such bid is genuine and not sham or collusive, or made in the interest or behalf of any person not named herein; that said Bidder has not colluded, conspired, connived or agreed, directly or indirectly with, or induced or solicited any other bid or person, firm or corporation shall or should refrain from proposing; and has not in any manner sought by collusion to secure to themselves any advantage over or against the City, or any person interested in said improvement, or over any other Bidder.

(Signature)

(Signature)

Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 20_____
by __, proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Seal _____

Signature _____

CALIFORNIA JURAT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document, to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA }

COUNTY OF Sacramento }

Subscribed and sworn to (or affirmed) before me on this 19th day of February, 2025
Date Month Year

by Rachel Kava _____ JN
 _____ JN

Name of Signers

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature: _____

Signature of Notary Public



Seal

Place Notary Seal Above

----- OPTIONAL -----

Though this section is optional, completing this information can deter alteration of the document or fraudulent attachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Affidavit For Corporation BidderDocument Date: 19th day of February, 2025Number of Pages: N/A

~~Signer(s) Other Than Named Above:~~ _____ JN

**SUBCONTRACTOR LIST
PUR 25-022**

PLEASE LIST BELOW ALL SUBCONTRACTORS CONTRIBUTING TO THIS WORK

Each bidder shall give the name, business address, license number, description of the work, and the dollar amount to be PAID the subcontractor, for each subcontractor that will be used on the project, if the Bidder is awarded the contract. Only subcontractors with work in excess of one-half of one percent (0.5%) or \$10,000 (whichever is greater) of the Bidder's total bid need to be listed. All work in excess of one-half of one percent (0.5%) or \$10,000 (whichever is greater) of the Bidder's total bid, for which a subcontractor is not listed on this form, shall be performed by the Bidder's own organization. Additional numbered pages listing proposed subcontractors may be attached to this page. Each page shall be headed "Proposed Subcontractors" and shall be signed by the Bidder.

PRINT LEGIBLY OR TYPE

BUSINESS NAME/ADDRESS	CONTACT	PHONE NUMBER	LICENSE NUMBER & LICENSE CLASSIFICATION	TYPE OF WORK	AMOUNT
Asbestos TEM Laboratories, Inc. 3431 Ettie Street Oakland, CA	Yeggie Dearborn	415-882-1690	ELAP 1866	Asbestos	\$320.00
McC Campbell Analytical, Inc. 1534 Willow Pass Rd Pittsburg, CA 94565	Angela Rydelius	925-252-9262 Ext. 214	ELAP1644	Flash Point, Bioassay, Dioxin 2,3,7,8 UCMR5, Methanol & Ethanol, Pyrethroids	\$2900.00
Fruit Growers Laboratory, Inc. 853 Corporation St. Santa Paula, CA 93060	Glenn Olsen	805-392-2054	ELAP 1573	Gross Alpha, Radium 226, Radium 228, BOD-7day	\$2,812.00

**REQUEST FOR SEALED BIDS (IFB)
MUNICIPAL UTILITIES DEPARTMENT LAB SERVICES
FOR THE CITY OF STOCKTON, CALIFORNIA
PUR 25-022**

ADDENDUM No. 1

DATE: January 31, 2025

To All Potential Proponents:

A. This Addendum shall be considered part of the proposal documents for the above-mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original proposal documents, this Addendum shall govern and take precedence. **PROPOSERS MUST SIGN THE ADDENDUM AND SUBMIT IT WITH THEIR PROPOSALS.**

B. Proponents are hereby notified that they shall make any necessary adjustments in their estimates as a result of this Addendum. It will be construed that each Proponent's Proposal is submitted with full knowledge of all modifications and supplemental data specified herein.

ADDENDUM NUMBER:

- I. QUESTIONS AND ANSWERS: THE CITY'S RESPONSES TO CHANGES ARE SUBMITTED IN BLUE.**

QUESTIONS AND ANSWERS

1. Question 1:

The NPDES permit asks for CBOD 3 times per week, but the Excel spreadsheet states regular BOD. Will Stockton require carbonaceous BOD (CBOD) or BOD?

The spreadsheet is correct, we will require BOD. At the time of posting, the tentative NPDES order had not been received. Please see the posted excerpt from the Tentative order.

2. Question 2:

Item 14 on page 16 of the pdf, states:

"In no event shall subcontract work exceed 10% of the contract amount, excluding specialized services."

We understand that routine wastewater is not specialized, but which other categories are considered specialized?

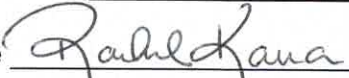
Routine wastewater makes up the largest volume of samples but is inherently less expensive than some of the other categories. Although there are much fewer samples in hazardous waste, priority pollutants, characterization study, drinking water, and industrial, those requested tests are much more expensive.

Ultralow level pesticide and mercury testing, PFAS, constituents of emerging concern, dioxin, and asbestos would be considered specialized.

**PROPONENT MUST ACKNOWLEDGE THIS ADDENDUM BY SIGNING BELOW
AND ATTACHING THE SIGNED ADDENDUM TO THE PROPOSAL:**

Company Name Alpha Analytical Laboratories, Inc.

Contact Person Rachel Kaua

Signature 

Date 02-19-2025

Proposals Due – Promptly by 2:00 P.M., Thursday, February 20, 2025 at 2:00PM PST
city.clerk@stocktonca.gov

-----City of Stockton Use Only below this line-----

Addendum acknowledged and signed? _____ (Procurement Specialist's initials)



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

Alpha Analytical Laboratories, Inc.

Elk Grove Lab

9090 Union Park Way

Elk Grove, CA 95624

Scope of the certificate is limited to the
"Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2922**

Effective Date: **7/1/2024**

Expiration Date: **6/30/2026**

A handwritten signature in blue ink, appearing to read "Christine Sotelo".

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**

**Alpha Analytical Laboratories, Inc.**

Elk Grove Lab
9090 Union Park Way
Elk Grove, CA 95624
Phone: 7077693128

Certificate Number: 2922

Expiration Date: 6/30/2026

Field of Accreditation: 101 - Microbiology of Drinking Water

101.010	002	Heterotrophic Bacteria	SimPlate
101.020	001	Total Coliform P/A	SM 9221 B
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	003	E. coli P/A	SM 9221 B,F
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.020	006	E. coli (Enumeration)	SM 9221 B,F
101.050	001	Total Coliform P/A	SM 9223 B Colilert
101.050	002	E. coli P/A	SM 9223 B Colilert
101.050	003	Total Coliform (Enumeration)	SM 9223 B Colilert
101.050	004	E. coli (Enumeration)	SM 9223 B Colilert
101.050	005	Total Coliform P/A	SM 9223 B Colilert 18
101.050	006	E. coli P/A	SM 9223 B Colilert 18
101.050	007	Total Coliform (Enumeration)	SM 9223 B Colilert 18
101.050	008	E. coli (Enumeration)	SM 9223 B Colilert 18
101.050	009	Total Coliform P/A	SM 9223 B Colisure
101.050	010	E. coli P/A	SM 9223 B Colisure

Field of Accreditation: 102 - Inorganic Chemistry of Drinking Water

102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	009	Sulfate (as SO ₄)	EPA 300.0
102.095	001	Turbidity	SM 2130 B-2001
102.130	001	Specific Conductance	SM 2510 B-1997
102.140	001	Residue, Filterable TDS	SM 2540 C-1997
102.174	001	Chlorine, Free	SM 4500-Cl F-2000
102.174	002	Chlorine, Total Residual	SM 4500-Cl F-2000
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
102.220	001	Nitrite (as N)	SM 4500-NO ₂ B-2000
102.240	001	Phosphate, Ortho (as P)	SM 4500-P E-1999
102.280	001	UV254	SM 5910 B-2011

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories, Inc.

Certificate Number: 2922

Expiration Date: 6/30/2026

Field of Accreditation: 107 - Microbiological Methods for Non-Potable Water and Sewage Sludge

107.001	001	Total Coliform (Enumeration)	SM 9221 B,C-2006
107.001	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006
107.013	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert
107.015	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert 18
107.015	002	Fecal Coliform (Enumeration)	SM 9223 B-2004 Colilert 18
107.017	001	Enterococci	Enterolert
107.050	001	Total Coliform (Enumeration)	SM 9221 B-2014
107.052	001	Fecal Coliform (Enumeration)	SM 9221 E-2014
107.068	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert
107.070	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert 18
107.070	002	Fecal Coliform (Enumeration)	SM 9223 B-2016 Colilert 18

Field of Accreditation: 108 - Inorganic Constituents in Non-Potable Water

108.017	002	Chloride	EPA 300.0
108.017	003	Fluoride	EPA 300.0
108.017	004	Nitrate (as N)	EPA 300.0
108.017	005	Nitrate-Nitrite (as N)	EPA 300.0
108.017	006	Nitrite (as N)	EPA 300.0
108.017	007	Phosphate, Ortho (as P)	EPA 300.0
108.017	008	Sulfate (as SO ₄)	EPA 300.0
108.059	001	Turbidity	SM 2130 B-2011
108.069	001	Specific Conductance	SM 2510 B-2011
108.070	001	Residue, Total	SM 2540 B-2015
108.071	001	Residue, Total	SM 2540 B-2011
108.072	001	Residue, Filterable TDS	SM 2540 C-2015
108.073	001	Residue, Filterable TDS	SM 2540 C-2011
108.074	001	Residue, Non-filterable TSS	SM 2540 D-2015
108.075	001	Residue, Non-filterable TSS	SM 2540 D-2011
108.078	001	Residue, Settleable	SM 2540 F-2015
108.079	001	Residue, Settleable	SM 2540 F-2011
108.109	001	Chlorine, Total Residual	SM 4500-Cl F-2011
108.109	002	Chlorine, Free	SM 4500-Cl F-2011
108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011
108.153	001	Nitrite (as N)	SM 4500-NO ₂ B-2011
108.173	001	Oxygen, Dissolved	SM 4500-O G-2011
108.174	001	Oxygen, Dissolved	SM 4500-O G-2016
108.175	001	Phosphate, Ortho (as P)	SM 4500-P E-2011
108.189	001	Sulfite (as SO ₃)	SM 4500-SO ₃ B-2011
108.206	001	Biochemical Oxygen Demand	SM 5210 B-2016
108.206	002	Carbonaceous BOD	SM 5210 B-2016
108.207	001	Biochemical Oxygen Demand	SM 5210 B-2011
108.207	002	Carbonaceous BOD	SM 5210 B-2011

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories, Inc.

Certificate Number: 2922

Expiration Date: 6/30/2026

Field of Accreditation: 126 - Microbiological Methods for Ambient Water		
126.003	001	Total Coliform (Enumeration)
126.003	002	Fecal Coliform (Enumeration)
126.015	001	E. coli (Enumeration)
126.017	001	E. coli (Enumeration)
126.019	001	Enterococci
126.102	001	Total Coliform (Enumeration)
126.104	001	Fecal Coliform (Enumeration)
126.120	001	E. coli (Enumeration)
126.122	001	E. coli (Enumeration)



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

Alpha Analytical Laboratories, Inc. - Ukiah

208 Mason Street

Ukiah, CA 95482

Scope of the certificate is limited to the
"Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1551**

Effective Date: **7/1/2023**

Expiration Date: **6/30/2025**

Sacramento, California
subject to forfeiture or revocation

A handwritten signature in blue ink, reading "Christine Sotelo".

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**



Alpha Analytical Laboratories, Inc. - Ukiah

208 Mason Street
Ukiah, CA 95482
Phone: 7074680401

Certificate Number: 1551

Expiration Date: 6/30/2025

Field of Accreditation: 101 - Microbiology of Drinking Water			
101.010	001	Heterotrophic Bacteria	SM 9215 B
101.010	002	Heterotrophic Bacteria	SimPlate
101.020	001	Total Coliform P/A	SM 9221 B
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.050	001	Total Coliform P/A	SM 9223 B Colilert
101.050	002	E. coli P/A	SM 9223 B Colilert
101.050	003	Total Coliform (Enumeration)	SM 9223 B Colilert
101.050	004	E. coli (Enumeration)	SM 9223 B Colilert
Field of Accreditation: 102 - Inorganic Chemistry of Drinking Water			
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	009	Sulfate (as SO ₄)	EPA 300.0
102.040	001	Bromide	EPA 300.1
102.040	002	Chlorite	EPA 300.1
102.040	003	Chlorate	EPA 300.1
102.040	004	Bromate	EPA 300.1
102.095	001	Turbidity	SM 2130 B-2001
102.100	001	Alkalinity	SM 2320 B-1997
102.120	001	Hardness (Calculation)	SM 2340 B-1997
102.130	001	Specific Conductance	SM 2510 B-1997
102.140	001	Residue, Filterable TDS	SM 2540 C-1997
102.174	001	Chlorine, Free	SM 4500-Cl F-2000
102.174	002	Chlorine, Total Residual	SM 4500-Cl F-2000
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories, Inc. - Ukiah

Certificate Number: 1551

Expiration Date: 6/30/2025

102.220	001	Nitrite (as N)	SM 4500-NO2 B-2000
102.232	002	Nitrate (as N)	SM 4500-NO3- E-2000
102.234	002	Nitrate (as N)	SM 4500-NO3 F-2000
102.240	001	Phosphate,Ortho (as P)	SM 4500-P E-1999
102.241	001	Phosphate,Ortho (as P)	SM 4500-P F-1999
102.242	001	Silica	SM 4500-SiO2 C-1997
102.262	001	Organic Carbon-Total (TOC)	SM 5310 C-2000
102.263	001	Dissolved Organic Carbon (DOC)	SM 5310 C-2000
102.270	001	Surfactants	SM 5540 C-2000
102.565	001	Cyanide, Total	Quickchem 10-204-00-1-X

Field of Accreditation:103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8
103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium VI (Hexavalent Chromium)	EPA 218.6
103.311	001	Chromium VI (Hexavalent Chromium)	EPA 218.7

As of 12/17/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories, Inc. - Ukiah

Certificate Number: 1551

Expiration Date: 6/30/2025

Field of Accreditation: 104 - Volatile Organic Chemistry of Drinking Water

104.030	001	1,2-Dibromoethane (EDB)	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
104.035	001	1,2,3-Trichloropropane (TCP)	SRL 524M-TCP
104.200	001	1,1,1,2-Tetrachloroethane	EPA 524.2
104.200	002	1,1,1-Trichloroethane	EPA 524.2
104.200	003	1,1,2,2-Tetrachloroethane	EPA 524.2
104.200	004	1,1,2-Trichloroethane	EPA 524.2
104.200	005	1,1-Dichloroethane	EPA 524.2
104.200	006	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 524.2
104.200	007	1,2,3-Trichlorobenzene	EPA 524.2
104.200	008	1,2,4-Trichlorobenzene	EPA 524.2
104.200	009	1,2,4-Trimethylbenzene	EPA 524.2
104.200	010	1,2-Dichlorobenzene	EPA 524.2
104.200	011	1,2-Dichloroethane (Ethylene Dichloride)	EPA 524.2
104.200	012	1,2-Dichloropropane	EPA 524.2
104.200	013	1,3,5-Trimethylbenzene	EPA 524.2
104.200	014	1,3-Dichlorobenzene	EPA 524.2
104.200	015	1,4-Dichlorobenzene	EPA 524.2
104.200	016	2-Chlorotoluene	EPA 524.2
104.200	017	4-Chlorotoluene	EPA 524.2
104.200	018	Benzene	EPA 524.2
104.200	019	Carbon Disulfide	EPA 524.2
104.200	020	Carbon Tetrachloride	EPA 524.2
104.200	021	Chlorobenzene	EPA 524.2
104.200	022	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 524.2
104.200	023	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 524.2
104.200	024	Dichlorodifluoromethane	EPA 524.2
104.200	025	Dichloromethane (Methylene Chloride)	EPA 524.2
104.200	027	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.200	028	Ethylbenzene	EPA 524.2
104.200	029	Isopropylbenzene	EPA 524.2
104.200	030	Methyl isobutyl ketone (MIBK, 4-Methyl-2-pentanone)	EPA 524.2
104.200	031	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.200	032	Naphthalene	EPA 524.2
104.200	033	n-Butylbenzene	EPA 524.2
104.200	034	N-propylbenzene	EPA 524.2
104.200	035	sec-Butylbenzene	EPA 524.2
104.200	036	Styrene	EPA 524.2
104.200	037	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 524.2
104.200	038	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.200	039	tert-Butylbenzene	EPA 524.2

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories, Inc. - Ukiah

Certificate Number: 1551

Expiration Date: 6/30/2025

104.200	040	Tetrachloroethylene (Tetrachloroethene)	EPA 524.2
104.200	041	Toluene	EPA 524.2
104.200	042	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 524.2
104.200	043	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 524.2
104.200	044	Trichloroethylene (Trichloroethene)	EPA 524.2
104.200	045	Trichlorofluoromethane	EPA 524.2
104.200	046	Trichlorotrifluoroethane	EPA 524.2
104.200	047	Vinyl Chloride	EPA 524.2
104.200	102	m+p-Xylene	EPA 524.2
104.200	103	o-Xylene	EPA 524.2
104.200	201	Bromodichloromethane	EPA 524.2
104.200	202	Bromoform	EPA 524.2
104.200	203	Chloroform	EPA 524.2
104.200	204	Dibromochloromethane (Chlorodibromomethane)	EPA 524.2

Field of Accreditation: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.030	001	Alachlor	EPA 507
105.030	002	Atrazine	EPA 507
105.030	003	Butachlor	EPA 507
105.030	005	Metolachlor	EPA 507
105.030	006	Metribuzin	EPA 507
105.030	007	Molinate	EPA 507
105.030	008	Prometryn	EPA 507
105.030	009	Simazine	EPA 507
105.035	001	Aldrin	EPA 508
105.035	002	Endosulfan I	EPA 508
105.035	003	Endosulfan II	EPA 508
105.035	004	Endosulfan Sulfate	EPA 508
105.035	005	Endrin	EPA 508
105.035	006	Endrin Aldehyde	EPA 508
105.035	007	Heptachlor	EPA 508
105.035	008	Heptachlor Epoxide	EPA 508
105.035	009	Hexachlorobenzene	EPA 508
105.035	010	Lindane (HCH-gamma)	EPA 508
105.035	011	Methoxychlor	EPA 508
105.035	012	Propachlor	EPA 508
105.035	013	Chlordane	EPA 508
105.035	014	Toxaphene	EPA 508
105.035	016	Aroclor 1016	EPA 508
105.035	017	Aroclor 1221	EPA 508
105.035	018	Aroclor 1232	EPA 508
105.035	019	Aroclor 1242	EPA 508
105.035	020	Aroclor 1248	EPA 508

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories, Inc. - Ukiah

Certificate Number: 1551

Expiration Date: 6/30/2025

105.035	021	Aroclor 1254	EPA 508
105.035	022	Aroclor 1260	EPA 508
105.082	001	2,4-D	EPA 515.3
105.082	002	Dinoseb	EPA 515.3
105.082	003	Pentachlorophenol	EPA 515.3
105.082	004	Picloram	EPA 515.3
105.082	005	2,4,5-TP (Silvex)	EPA 515.3
105.082	006	Bentazon	EPA 515.3
105.082	007	Dalapon	EPA 515.3
105.082	008	Dicamba	EPA 515.3
105.091	005	Benzo(a)pyrene	EPA 525.3
105.091	009	Di(2-ethylhexyl) Adipate	EPA 525.3
105.091	010	Di(2-ethylhexyl) Phthalate	EPA 525.3
105.100	001	Aldicarb (Temik)	EPA 531.1
105.100	002	Aldicarb Sulfone	EPA 531.1
105.100	004	Carbaryl (Sevin)	EPA 531.1
105.100	005	Carbofuran (Furadan)	EPA 531.1
105.100	006	3-Hydroxycarbofuran	EPA 531.1
105.100	007	Methomyl (Lannate)	EPA 531.1
105.100	008	Oxamyl	EPA 531.1
105.120	001	Glyphosate	EPA 547
105.140	001	Endothall	EPA 548.1
105.150	001	Diquat	EPA 549.2
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2

Field of Accreditation:106 - Radionuclides in Drinking Water

106.092	001	Uranium	EPA 200.8
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Field of Accreditation:107 - Microbiological Methods for Non-Potable Water and Sewage Sludge

107.001	001	Total Coliform (Enumeration)	SM 9221 B,C-2006
107.001	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006
107.013	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert
107.017	001	Enterococci	Enterolert
107.050	001	Total Coliform (Enumeration)	SM 9221 B-2014
107.052	001	Fecal Coliform (Enumeration)	SM 9221 E-2014
107.066	001	Enterococci	SM 9230 D-2013 Enterolert
107.068	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert

Field of Accreditation:108 - Inorganic Constituents in Non-Potable Water

108.013	001	Calcium	EPA 200.7
108.013	002	Magnesium	EPA 200.7

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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108.013	004	Potassium	EPA 200.7
108.013	006	Sodium	EPA 200.7
108.017	002	Chloride	EPA 300.0
108.017	003	Fluoride	EPA 300.0
108.017	004	Nitrate (as N)	EPA 300.0
108.017	005	Nitrate-Nitrite (as N)	EPA 300.0
108.017	006	Nitrite (as N)	EPA 300.0
108.017	007	Phosphate, Ortho (as P)	EPA 300.0
108.017	008	Sulfate (as SO ₄)	EPA 300.0
108.019	001	Bromide	EPA 300.1
108.029	001	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.047	001	Phenols, Total	EPA 420.1
108.053	001	Oil & Grease, Total Recoverable	EPA 1664 A
108.059	001	Turbidity	SM 2130 B-2011
108.063	001	Alkalinity	SM 2320 B-2011
108.065	001	Hardness (Calculation)	SM 2340 B-2011
108.069	001	Specific Conductance	SM 2510 B-2011
108.070	001	Residue, Total	SM 2540 B-2015
108.071	001	Residue, Total	SM 2540 B-2011
108.072	001	Residue, Filterable TDS	SM 2540 C-2015
108.073	001	Residue, Filterable TDS	SM 2540 C-2011
108.074	001	Residue, Non-filterable TSS	SM 2540 D-2015
108.075	001	Residue, Non-filterable TSS	SM 2540 D-2011
108.076	001	Residue, Volatile	SM 2540 E-2015
108.076	002	Residue, Fixed Filterable (FDS)	SM 2540 E-2015
108.077	001	Residue, Volatile	SM 2540 E-2011
108.077	002	Residue, Fixed Filterable (FDS)	SM 2540 E-2011
108.078	001	Residue, Settleable	SM 2540 F-2015
108.079	001	Residue, Settleable	SM 2540 F-2011
108.109	001	Chlorine, Total Residual	SM 4500-Cl F-2011
108.109	002	Chlorine, Free	SM 4500-Cl F-2011
108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011
108.139	001	Ammonia (as N)	SM 4500-NH ₃ C-2011
108.147	001	Ammonia (as N)	SM 4500-NH ₃ G-2011
108.153	001	Nitrite (as N)	SM 4500-NO ₂ B-2011
108.156	001	Nitrate-Nitrite (as N)	SM 4500-NO ₃ - E-2016
108.157	001	Nitrate-Nitrite (as N)	SM 4500-NO ₃ E-2011
108.158	001	Nitrate-Nitrite (as N)	SM 4500-NO ₃ - F-2016
108.159	001	Nitrate-Nitrite (as N)	SM 4500-NO ₃ F-2011
108.173	001	Oxygen, Dissolved	SM 4500-O G-2011
108.174	001	Oxygen, Dissolved	SM 4500-O G-2016
108.175	001	Phosphate, Ortho (as P)	SM 4500-P E-2011

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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108.175	002	Phosphorus, Total	SM 4500-P E-2011
108.177	001	Phosphate, Ortho (as P)	SM 4500-P F-2011
108.177	002	Phosphorus, Total	SM 4500-P F-2011
108.184	001	Silica, Dissolved	SM 4500-SiO2 C-2011
108.201	001	Sulfide (as S)	SM 4500-S D-2011
108.206	001	Biochemical Oxygen Demand	SM 5210 B-2016
108.206	002	Carbonaceous BOD	SM 5210 B-2016
108.207	001	Biochemical Oxygen Demand	SM 5210 B-2011
108.207	002	Carbonaceous BOD	SM 5210 B-2011
108.213	001	Chemical Oxygen Demand	SM 5220 D-2011
108.216	001	Organic Carbon-Total (TOC)	SM 5310 C-2014
108.217	001	Organic Carbon-Total (TOC)	SM 5310 C-2011
108.225	001	Surfactants	SM 5540 C-2011
108.337	001	Cyanide, Total	Quickchem 10-204-00-1-X

Field of Accreditation: 109 - Metals and Trace Elements in Non-Potable Water

109.623	001	Aluminum	EPA 200.7
109.623	002	Antimony	EPA 200.7
109.623	003	Arsenic	EPA 200.7
109.623	004	Barium	EPA 200.7
109.623	005	Beryllium	EPA 200.7
109.623	006	Boron	EPA 200.7
109.623	007	Cadmium	EPA 200.7
109.623	008	Chromium	EPA 200.7
109.623	009	Cobalt	EPA 200.7
109.623	010	Copper	EPA 200.7
109.623	011	Iron	EPA 200.7
109.623	012	Lead	EPA 200.7
109.623	013	Manganese	EPA 200.7
109.623	014	Molybdenum	EPA 200.7
109.623	015	Nickel	EPA 200.7
109.623	016	Selenium	EPA 200.7
109.623	017	Silver	EPA 200.7
109.623	018	Thallium	EPA 200.7
109.623	019	Tin	EPA 200.7
109.623	020	Titanium	EPA 200.7
109.623	021	Vanadium	EPA 200.7
109.623	022	Zinc	EPA 200.7
109.625	001	Aluminum	EPA 200.8
109.625	002	Antimony	EPA 200.8
109.625	003	Arsenic	EPA 200.8
109.625	004	Barium	EPA 200.8
109.625	005	Beryllium	EPA 200.8

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
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109.625	006	Boron	EPA 200.8
109.625	007	Cadmium	EPA 200.8
109.625	008	Chromium	EPA 200.8
109.625	009	Cobalt	EPA 200.8
109.625	010	Copper	EPA 200.8
109.625	012	Iron	EPA 200.8
109.625	013	Lead	EPA 200.8
109.625	014	Manganese	EPA 200.8
109.625	015	Molybdenum	EPA 200.8
109.625	016	Nickel	EPA 200.8
109.625	017	Selenium	EPA 200.8
109.625	018	Silver	EPA 200.8
109.625	019	Thallium	EPA 200.8
109.625	020	Tin	EPA 200.8
109.625	021	Titanium	EPA 200.8
109.625	022	Vanadium	EPA 200.8
109.625	023	Zinc	EPA 200.8
109.629	001	Chromium VI (Hexavalent Chromium)	EPA 218.6
109.635	001	Mercury	EPA 245.1
109.685	002	Chromium VI (Hexavalent Chromium)	SM 3500-Cr B-2011

Field of Accreditation: 110 - Volatile Organic Constituents in Non-Potable Water

110.040	001	Acetone	EPA 624.1
110.040	003	Acrolein	EPA 624.1
110.040	004	Acrylonitrile	EPA 624.1
110.040	005	Benzene	EPA 624.1
110.040	006	Bromodichloromethane	EPA 624.1
110.040	007	Bromoform	EPA 624.1
110.040	008	Bromomethane (Methyl Bromide)	EPA 624.1
110.040	009	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 624.1
110.040	010	Carbon Tetrachloride	EPA 624.1
110.040	011	Chlorobenzene	EPA 624.1
110.040	012	Chloroethane	EPA 624.1
110.040	013	2-Chloroethyl vinyl Ether	EPA 624.1
110.040	014	Chloroform	EPA 624.1
110.040	015	Chloromethane (Methyl Chloride)	EPA 624.1
110.040	016	Dibromochloromethane (Chlorodibromomethane)	EPA 624.1
110.040	017	1,2-Dichlorobenzene	EPA 624.1
110.040	018	1,3-Dichlorobenzene	EPA 624.1
110.040	019	1,4-Dichlorobenzene	EPA 624.1
110.040	020	1,1-Dichloroethane	EPA 624.1
110.040	021	1,2-Dichloroethane (Ethylene Dichloride)	EPA 624.1
110.040	022	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 624.1

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
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110.040	023	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 624.1
110.040	024	1,2-Dichloropropane	EPA 624.1
110.040	025	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 624.1
110.040	026	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 624.1
110.040	027	Ethanol	EPA 624.1
110.040	029	Ethylbenzene	EPA 624.1
110.040	031	Methylene Chloride (Dichloromethane)	EPA 624.1
110.040	032	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 624.1
110.040	034	1,1,2,2-Tetrachloroethane	EPA 624.1
110.040	035	Tetrachloroethylene (Tetrachloroethene)	EPA 624.1
110.040	036	Tetrahydrofuran	EPA 624.1
110.040	037	Toluene	EPA 624.1
110.040	038	1,1,1-Trichloroethane	EPA 624.1
110.040	039	1,1,2-Trichloroethane	EPA 624.1
110.040	040	Trichloroethylene (Trichloroethene)	EPA 624.1
110.040	041	Vinyl Chloride	EPA 624.1
110.040	043	o-Xylene	EPA 624.1
110.040	045	Trichlorofluoromethane	EPA 624.1
110.040	046	m+p-Xylene	EPA 624.1
110.040	047	2-Butanone (MEK)	EPA 624.1
110.070	002	n-Amyl Acetate	EPA 1666 A
110.070	004	n-Butyl Acetate	EPA 1666 A
110.070	009	Ethyl Acetate	EPA 1666 A
110.070	010	n-Heptane	EPA 1666 A
110.070	011	n-Hexane	EPA 1666 A
110.070	012	Isobutyraldehyde	EPA 1666 A
110.070	013	Isopropyl Acetate	EPA 1666 A
110.070	015	Isopropyl Ether (DIPE)	EPA 1666 A
110.070	018	Methyl Formate	EPA 1666 A

Field of Accreditation: 111 - Semi-volatile Organic Constituents in Non-Potable Water

111.055	001	Aldrin	EPA 608.3
111.055	002	alpha-BHC	EPA 608.3
111.055	003	beta-BHC	EPA 608.3
111.055	004	delta-BHC	EPA 608.3
111.055	005	gamma-BHC (Lindane)	EPA 608.3
111.055	006	Chlordane	EPA 608.3
111.055	007	4,4'-DDD	EPA 608.3
111.055	008	4,4'-DDE	EPA 608.3
111.055	009	4,4'-DDT	EPA 608.3
111.055	010	Dieldrin	EPA 608.3
111.055	011	Endosulfan I	EPA 608.3
111.055	012	Endosulfan II	EPA 608.3

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 Customers: Please verify the current accreditation standing with the State.

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111.055	013	Endosulfan Sulfate	EPA 608.3
111.055	014	Endrin	EPA 608.3
111.055	015	Endrin Aldehyde	EPA 608.3
111.055	016	Heptachlor	EPA 608.3
111.055	017	Heptachlor Epoxide	EPA 608.3
111.055	019	PCB-1016 (Aroclor-1016)	EPA 608.3
111.055	020	PCB-1221 (Aroclor-1221)	EPA 608.3
111.055	021	PCB-1232 (Aroclor-1232)	EPA 608.3
111.055	022	PCB-1242 (Aroclor-1242)	EPA 608.3
111.055	023	PCB-1248 (Aroclor-1248)	EPA 608.3
111.055	024	PCB-1254 (Aroclor-1254)	EPA 608.3
111.055	025	PCB-1260 (Aroclor-1260)	EPA 608.3
111.055	046	Methoxychlor	EPA 608.3
111.055	060	Toxaphene	EPA 608.3
111.110	001	Azinphos Methyl	EPA 614
111.110	002	Demeton-O	EPA 614
111.110	003	Demeton-S	EPA 614
111.110	004	Diazinon	EPA 614
111.110	005	Disulfoton	EPA 614
111.110	006	Ethion	EPA 614
111.110	007	Malathion	EPA 614
111.110	008	Parathion Ethyl	EPA 614
111.110	009	Parathion Methyl	EPA 614
111.160	001	Acenaphthene	EPA 625.1
111.160	002	Acenaphthylene	EPA 625.1
111.160	003	Anthracene	EPA 625.1
111.160	004	Benzidine	EPA 625.1
111.160	005	Benzo(a)anthracene	EPA 625.1
111.160	006	Benzo(a)pyrene	EPA 625.1
111.160	007	Benzo(b)fluoranthene	EPA 625.1
111.160	008	Benzo(g,h,i)perylene	EPA 625.1
111.160	009	Benzo(k)fluoranthene	EPA 625.1
111.160	010	Bis(2-chloroethoxy) Methane	EPA 625.1
111.160	011	Bis(2-chloroethyl) Ether	EPA 625.1
111.160	012	bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane])	EPA 625.1
111.160	013	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 625.1
111.160	014	4-Bromophenyl Phenyl Ether	EPA 625.1
111.160	015	Butyl Benzyl Phthalate	EPA 625.1
111.160	016	2-Chloronaphthalene	EPA 625.1
111.160	017	4-Chlorophenyl Phenyl Ether	EPA 625.1
111.160	018	Chrysene	EPA 625.1
111.160	019	Dibenz(a,h)anthracene	EPA 625.1

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111.160	020	3,3'-Dichlorobenzidine	EPA 625.1
111.160	021	Diethyl Phthalate	EPA 625.1
111.160	022	Dimethyl Phthalate	EPA 625.1
111.160	023	Di-n-butyl Phthalate	EPA 625.1
111.160	024	2,4-Dinitrotoluene	EPA 625.1
111.160	025	2,6-Dinitrotoluene	EPA 625.1
111.160	026	Di-n-octyl Phthalate	EPA 625.1
111.160	027	Fluoranthene	EPA 625.1
111.160	028	Fluorene	EPA 625.1
111.160	029	Hexachlorobenzene	EPA 625.1
111.160	030	Hexachlorobutadiene	EPA 625.1
111.160	031	Hexachloroethane	EPA 625.1
111.160	032	Indeno(1,2,3-c,d)pyrene	EPA 625.1
111.160	033	Isophorone	EPA 625.1
111.160	034	Naphthalene	EPA 625.1
111.160	035	Nitrobenzene	EPA 625.1
111.160	036	N-nitroso-di-n-propylamine (NDPA)	EPA 625.1
111.160	037	Phenanthrene	EPA 625.1
111.160	038	Pyrene	EPA 625.1
111.160	039	1,2,4-Trichlorobenzene	EPA 625.1
111.160	040	4-Chloro-3-methylphenol	EPA 625.1
111.160	041	2-Chlorophenol	EPA 625.1
111.160	042	2,4-Dichlorophenol	EPA 625.1
111.160	043	2,4-Dimethylphenol	EPA 625.1
111.160	044	2,4-Dinitrophenol	EPA 625.1
111.160	045	2-Methyl-4,6-dinitrophenol	EPA 625.1
111.160	046	2-Nitrophenol	EPA 625.1
111.160	047	4-Nitrophenol	EPA 625.1
111.160	048	Pentachlorophenol	EPA 625.1
111.160	049	Phenol	EPA 625.1
111.160	050	2,4,6-Trichlorophenol	EPA 625.1
111.160	098	Hexachlorocyclopentadiene	EPA 625.1
111.160	108	N-nitrosodimethylamine (NDMA)	EPA 625.1
111.160	110	N-nitrosodiphenylamine	EPA 625.1
111.160	141	o-Cresol	EPA 625.1
111.160	143	1,2-Diphenylhydrazine	EPA 625.1
111.160	147	m+p-Cresol	EPA 625.1
111.160	148	2-Methylnaphthalene	EPA 625.1
111.160	151	2,4,5-Trichlorophenol	EPA 625.1

Field of Accreditation:114 - Inorganic Constituents in Hazardous Waste

114.535	001	Mercury	EPA 7471 A
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Field of Accreditation:115 - Leaching/Extraction Tests and Physical Characteristics of Hazardous Waste

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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115.055	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.135	001	Corrosivity - pH Determination	EPA 9045 C

Field of Accreditation:126 - Microbiological Methods for Ambient Water

126.003	001	Total Coliform (Enumeration)	SM 9221 B,C-2006
126.003	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006
126.015	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert
126.019	001	Enterococci	Enterolert
126.102	001	Total Coliform (Enumeration)	SM 9221 B-2014
126.104	001	Fecal Coliform (Enumeration)	SM 9221 E-2014
126.118	001	Enterococci	SM 9230 D-2013 Enterolert
126.120	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert

Field of Accreditation:130 - Inorganic constituents in Hazardous waste (Matrix Aqueous)

130.010	001	Aluminum	EPA 6010 B
130.010	002	Antimony	EPA 6010 B
130.010	003	Arsenic	EPA 6010 B
130.010	004	Barium	EPA 6010 B
130.010	005	Beryllium	EPA 6010 B
130.010	006	Boron	EPA 6010 B
130.010	007	Cadmium	EPA 6010 B
130.010	008	Calcium	EPA 6010 B
130.010	009	Chromium	EPA 6010 B
130.010	010	Cobalt	EPA 6010 B
130.010	011	Copper	EPA 6010 B
130.010	012	Iron	EPA 6010 B
130.010	013	Lead	EPA 6010 B
130.010	014	Magnesium	EPA 6010 B
130.010	015	Manganese	EPA 6010 B
130.010	016	Molybdenum	EPA 6010 B
130.010	017	Nickel	EPA 6010 B
130.010	018	Potassium	EPA 6010 B
130.010	019	Selenium	EPA 6010 B
130.010	020	Silver	EPA 6010 B
130.010	021	Sodium	EPA 6010 B
130.010	022	Strontium	EPA 6010 B
130.010	023	Thallium	EPA 6010 B
130.010	024	Tin	EPA 6010 B
130.010	025	Titanium	EPA 6010 B
130.010	026	Vanadium	EPA 6010 B
130.010	027	Zinc	EPA 6010 B
130.140	001	Chromium VI (Hexavalent Chromium)	EPA 7196 A
130.250	001	Mercury	EPA 7470 A

Field of Accreditation:131 - Leaching/Extraction, Physical Characteristics in Hazardous Waste (Matrix Aqueous)

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

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131.010	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
131.110	001	Corrosivity - pH Determination	EPA 9040 B

Field of Accreditation:132 - Volatile Organic Compounds in Hazardous Waste (Matrix Aqueous)

132.060	001	Benzene	EPA 8260 B
132.060	002	Bromobenzene	EPA 8260 B
132.060	003	Bromochloromethane	EPA 8260 B
132.060	004	Bromodichloromethane	EPA 8260 B
132.060	005	Bromoform	EPA 8260 B
132.060	006	Bromomethane (Methyl Bromide)	EPA 8260 B
132.060	007	n-Butylbenzene	EPA 8260 B
132.060	008	sec-Butylbenzene	EPA 8260 B
132.060	009	tert-Butylbenzene	EPA 8260 B
132.060	010	Carbon Disulfide	EPA 8260 B
132.060	011	Carbon Tetrachloride	EPA 8260 B
132.060	012	Chlorobenzene	EPA 8260 B
132.060	013	Chlorodibromomethane (Dibromochloromethane)	EPA 8260 B
132.060	014	Chloroethane	EPA 8260 B
132.060	015	Chloroform	EPA 8260 B
132.060	016	Chloromethane (Methyl Chloride)	EPA 8260 B
132.060	017	Dibromomethane	EPA 8260 B
132.060	018	Dichlorodifluoromethane (Freon 12)	EPA 8260 B
132.060	019	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 8260 B
132.060	020	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 8260 B
132.060	021	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 8260 B
132.060	022	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 8260 B
132.060	023	Ethylbenzene	EPA 8260 B
132.060	024	Hexachlorobutadiene	EPA 8260 B
132.060	025	Methyl tert-butyl Ether (MTBE)	EPA 8260 B
132.060	026	Methylene Chloride (Dichloromethane)	EPA 8260 B
132.060	027	Naphthalene	EPA 8260 B
132.060	029	N-propylbenzene	EPA 8260 B
132.060	030	Styrene	EPA 8260 B
132.060	031	Tetrachloroethylene (Tetrachloroethene)	EPA 8260 B
132.060	032	Toluene	EPA 8260 B
132.060	033	Trichloroethylene (Trichloroethene)	EPA 8260 B
132.060	034	Trichlorofluoromethane	EPA 8260 B
132.060	035	Vinyl Chloride	EPA 8260 B
132.060	036	m-p-Xylene	EPA 8260 B
132.060	037	o-Xylene	EPA 8260 B
132.060	040	1,1-Dichloroethane	EPA 8260 B
132.060	041	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 8260 B
132.060	042	1,1,1-Trichloroethane	EPA 8260 B

As of 12/17/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories, Inc. - Ukiah

Certificate Number: 1551

Expiration Date: 6/30/2025

132.060	043	1,1,1,2-Tetrachloroethane	EPA 8260 B
132.060	044	1,1,2,2-Tetrachloroethane	EPA 8260 B
132.060	045	1,1,2-Trichloroethane	EPA 8260 B
132.060	046	1,2-Dichlorobenzene	EPA 8260 B
132.060	047	1,2-Dichloroethane (Ethylene Dichloride)	EPA 8260 B
132.060	048	1,2-Dibromoethane (EDB)	EPA 8260 B
132.060	049	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260 B
132.060	050	1,2-Dichloropropane	EPA 8260 B
132.060	051	1,2,3-Trichloropropane (TCP)	EPA 8260 B
132.060	052	1,2,4-Trichlorobenzene	EPA 8260 B
132.060	053	1,3-Dichlorobenzene	EPA 8260 B
132.060	054	1,4-Dichlorobenzene	EPA 8260 B
132.060	055	2-Chloroethyl vinyl Ether	EPA 8260 B
132.060	056	4-Chlorotoluene	EPA 8260 B
132.060	057	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 8260 B
132.060	058	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 B
132.060	059	Diisopropyl ether (DIPE)	EPA 8260 B
132.060	061	Ethyl tert-butyl Ether (ETBE)	EPA 8260 B
132.060	062	tert-Amyl Methyl Ether (TAME)	EPA 8260 B

Field of Accreditation: 133 - Semi-Volatile Organic Chemistry in Hazardous Waste (Matrix Aqueous)

133.090	001	Aldrin	EPA 8081 A
133.090	002	alpha-BHC	EPA 8081 A
133.090	003	beta-BHC	EPA 8081 A
133.090	004	delta-BHC	EPA 8081 A
133.090	005	gamma-BHC (Lindane)	EPA 8081 A
133.090	008	4,4'-DDD	EPA 8081 A
133.090	009	4,4'-DDE	EPA 8081 A
133.090	010	4,4'-DDT	EPA 8081 A
133.090	011	Dieldrin	EPA 8081 A
133.090	012	Endosulfan I	EPA 8081 A
133.090	013	Endosulfan II	EPA 8081 A
133.090	014	Endosulfan Sulfate	EPA 8081 A
133.090	015	Endrin	EPA 8081 A
133.090	016	Endrin Aldehyde	EPA 8081 A
133.090	017	Endrin Ketone	EPA 8081 A
133.090	018	Heptachlor	EPA 8081 A
133.090	019	Heptachlor Epoxide	EPA 8081 A
133.090	020	Methoxychlor	EPA 8081 A
133.090	021	Toxaphene	EPA 8081 A
133.120	001	Aroclor 1016	EPA 8082
133.120	002	Aroclor 1221	EPA 8082
133.120	003	Aroclor 1232	EPA 8082

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories, Inc. - Ukiah

Certificate Number: 1551

Expiration Date: 6/30/2025

133.120	004	Aroclor 1242	EPA 8082
133.120	005	Aroclor 1248	EPA 8082
133.120	006	Aroclor 1254	EPA 8082
133.120	007	Aroclor 1260	EPA 8082
133.190	001	Azinphos Methyl	EPA 8141 A
133.190	002	Chlorpyrifos	EPA 8141 A
133.190	003	Demeton-O	EPA 8141 A
133.190	004	Demeton-S	EPA 8141 A
133.190	005	Diazinon	EPA 8141 A
133.190	006	Dichlorvos (DDVP)	EPA 8141 A
133.190	007	Disulfoton	EPA 8141 A
133.190	008	Malathion	EPA 8141 A
133.190	009	Parathion Ethyl	EPA 8141 A
133.190	010	Parathion Methyl	EPA 8141 A
133.190	011	Phorate	EPA 8141 A
133.190	012	Ronnel	EPA 8141 A
133.190	013	Stirophos (Tetrachlorovinphos)	EPA 8141 A
133.220	001	2,4-D	EPA 8151 A
133.220	002	2,4-DB	EPA 8151 A
133.220	003	2,4,5-TP (Silvex)	EPA 8151 A
133.220	004	2,4,5-T	EPA 8151 A
133.220	005	Dalapon	EPA 8151 A
133.220	006	Dicamba	EPA 8151 A
133.220	007	Dichloroprop	EPA 8151 A
133.220	008	Dinoseb	EPA 8151 A
133.220	012	Pentachlorophenol	EPA 8151 A
133.230	001	Acenaphthene	EPA 8270 C
133.230	002	Acenaphthylene	EPA 8270 C
133.230	004	Anthracene	EPA 8270 C
133.230	005	Benzidine	EPA 8270 C
133.230	006	Benzoic Acid	EPA 8270 C
133.230	007	Benzo(a)anthracene	EPA 8270 C
133.230	008	Benzo(b)fluoranthene	EPA 8270 C
133.230	009	Benzo(k)fluoranthene	EPA 8270 C
133.230	010	Benzo(g,h,i)perylene	EPA 8270 C
133.230	011	Benzo(a)pyrene	EPA 8270 C
133.230	012	Benzyl Alcohol	EPA 8270 C
133.230	013	Bis(2-chloroethoxy) Methane	EPA 8270 C
133.230	014	Bis(2-chloroethyl) Ether	EPA 8270 C
133.230	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 C
133.230	016	Butyl Benzyl Phthalate	EPA 8270 C
133.230	017	Chrysene	EPA 8270 C

As of 12/17/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories, Inc. - Ukiah

Certificate Number: 1551

Expiration Date: 6/30/2025

133.230	018	Dibenz(a,h)anthracene	EPA 8270 C
133.230	019	Dibenzofuran	EPA 8270 C
133.230	020	Di-n-butyl Phthalate	EPA 8270 C
133.230	021	Diethyl Phthalate	EPA 8270 C
133.230	022	Dimethyl Phthalate	EPA 8270 C
133.230	023	Di-n-octyl Phthalate	EPA 8270 C
133.230	024	Fluoranthene	EPA 8270 C
133.230	025	Fluorene	EPA 8270 C
133.230	026	Naphthalene	EPA 8270 C
133.230	027	Nitrobenzene	EPA 8270 C
133.230	029	Pentachlorophenol	EPA 8270 C
133.230	031	1,2-Dichlorobenzene	EPA 8270 C
133.230	032	1,3-Dichlorobenzene	EPA 8270 C
133.230	033	1,4-Dichlorobenzene	EPA 8270 C
133.230	034	2-Chloronaphthalene	EPA 8270 C
133.230	035	2-Chlorophenol	EPA 8270 C
133.230	036	2,4-Dichlorophenol	EPA 8270 C
133.230	037	2,4-Dimethylphenol	EPA 8270 C
133.230	038	2,4-Dinitrophenol	EPA 8270 C
133.230	039	2,4-Dinitrotoluene	EPA 8270 C
133.230	041	2,6-Dinitrotoluene	EPA 8270 C
133.230	042	2-Nitroaniline	EPA 8270 C
133.230	043	2-Nitrophenol	EPA 8270 C
133.230	044	3-Nitroaniline	EPA 8270 C
133.230	045	3,3'-Dichlorobenzidine	EPA 8270 C
133.230	047	4-Chloro-3-methylphenol	EPA 8270 C
133.230	048	4-Bromophenyl Phenyl Ether	EPA 8270 C
133.230	049	4-Chlorophenyl Phenyl Ether	EPA 8270 C
133.230	050	4-Nitroaniline	EPA 8270 C
133.230	051	4-Nitrophenol	EPA 8270 C
133.230	088	N-nitrosodimethylamine (NDMA)	EPA 8270 C
133.230	089	N-nitrosodiphenylamine	EPA 8270 C
133.230	090	N-nitroso-di-n-propylamine (NDPA)	EPA 8270 C
133.280	010	Formaldehyde	EPA 8315 A



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

Alpha Analytical Laboratories Inc. - North Bay

North Bay

737 Southpoint Blvd. Suite D

Petaluma, CA 94952

Scope of the certificate is limited to the
"Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **2303**

Effective Date: **4/1/2024**

Expiration Date: **3/31/2026**

A handwritten signature in blue ink, reading "Christine Sotelo".

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**


Alpha Analytical Laboratories Inc. - North Bay

North Bay
737 Southpoint Blvd. Suite D
Petaluma, CA 94952
Phone: 7077693128

Certificate Number: 2303

Expiration Date: 3/31/2026

Field of Accreditation:101 - Microbiology of Drinking Water

101.050	001	Total Coliform P/A	SM 9223 B Colilert
101.050	002	E. coli P/A	SM 9223 B Colilert
101.050	003	Total Coliform (Enumeration)	SM 9223 B Colilert
101.050	004	E. coli (Enumeration)	SM 9223 B Colilert

Field of Accreditation:102 - Inorganic Chemistry of Drinking Water

102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (Calculation)	EPA 200.7
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	009	Sulfate (as SO ₄)	EPA 300.0
102.040	001	Bromide	EPA 300.1
102.040	004	Bromate	EPA 300.1
102.045	001	Perchlorate	EPA 314.0
102.095	001	Turbidity	SM 2130 B-2001
102.100	001	Alkalinity	SM 2320 B-1997
102.120	001	Hardness (Calculation)	SM 2340 B-1997
102.130	001	Specific Conductance	SM 2510 B-1997
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000

Field of Accreditation:103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	003	Arsenic	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8

Field of Accreditation: 108 - Inorganic Constituents in Non-Potable Water

108.013	001	Calcium	EPA 200.7
108.013	002	Magnesium	EPA 200.7
108.013	003	Phosphorus, Total	EPA 200.7
108.013	004	Potassium	EPA 200.7
108.013	005	Silica, Dissolved	EPA 200.7
108.013	006	Sodium	EPA 200.7
108.017	001	Bromide	EPA 300.0
108.017	002	Chloride	EPA 300.0
108.017	003	Fluoride	EPA 300.0
108.017	004	Nitrate (as N)	EPA 300.0
108.017	005	Nitrate-Nitrite (as N)	EPA 300.0
108.017	006	Nitrite (as N)	EPA 300.0
108.017	007	Phosphate, Ortho (as P)	EPA 300.0
108.017	008	Sulfate (as SO ₄)	EPA 300.0
108.053	001	Oil & Grease, Total Recoverable	EPA 1664 A
108.059	001	Turbidity	SM 2130 B-2011
108.063	001	Alkalinity	SM 2320 B-2011
108.065	001	Hardness (Calculation)	SM 2340 B-2011
108.069	001	Specific Conductance	SM 2510 B-2011
108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011

Field of Accreditation: 109 - Metals and Trace Elements in Non-Potable Water

109.623	001	Aluminum	EPA 200.7
109.623	002	Antimony	EPA 200.7
109.623	003	Arsenic	EPA 200.7
109.623	004	Barium	EPA 200.7
109.623	005	Beryllium	EPA 200.7
109.623	006	Boron	EPA 200.7
109.623	007	Cadmium	EPA 200.7
109.623	008	Chromium	EPA 200.7
109.623	009	Cobalt	EPA 200.7
109.623	010	Copper	EPA 200.7
109.623	011	Iron	EPA 200.7
109.623	012	Lead	EPA 200.7
109.623	013	Manganese	EPA 200.7

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
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Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

109.623	014	Molybdenum	EPA 200.7
109.623	015	Nickel	EPA 200.7
109.623	016	Selenium	EPA 200.7
109.623	017	Silver	EPA 200.7
109.623	018	Thallium	EPA 200.7
109.623	019	Tin	EPA 200.7
109.623	020	Titanium	EPA 200.7
109.623	021	Vanadium	EPA 200.7
109.623	022	Zinc	EPA 200.7

Field of Accreditation: 114 - Inorganic Constituents in Hazardous Waste

114.315	001	Aluminum	EPA 6010 B
114.315	002	Antimony	EPA 6010 B
114.315	003	Arsenic	EPA 6010 B
114.315	004	Barium	EPA 6010 B
114.315	005	Beryllium	EPA 6010 B
114.315	006	Boron	EPA 6010 B
114.315	007	Cadmium	EPA 6010 B
114.315	008	Calcium	EPA 6010 B
114.315	009	Chromium	EPA 6010 B
114.315	010	Cobalt	EPA 6010 B
114.315	011	Copper	EPA 6010 B
114.315	012	Iron	EPA 6010 B
114.315	013	Lead	EPA 6010 B
114.315	014	Magnesium	EPA 6010 B
114.315	015	Manganese	EPA 6010 B
114.315	016	Molybdenum	EPA 6010 B
114.315	017	Nickel	EPA 6010 B
114.315	018	Potassium	EPA 6010 B
114.315	019	Selenium	EPA 6010 B
114.315	020	Silver	EPA 6010 B
114.315	021	Sodium	EPA 6010 B
114.315	022	Strontium	EPA 6010 B
114.315	023	Thallium	EPA 6010 B
114.315	024	Tin	EPA 6010 B
114.315	025	Titanium	EPA 6010 B
114.315	026	Vanadium	EPA 6010 B
114.315	027	Zinc	EPA 6010 B
114.345	001	Aluminum	EPA 6020 B
114.345	002	Antimony	EPA 6020 B
114.345	003	Arsenic	EPA 6020 B
114.345	004	Barium	EPA 6020 B
114.345	005	Beryllium	EPA 6020 B

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
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Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

114.345	006	Cadmium	EPA 6020 B
114.345	007	Calcium	EPA 6020 B
114.345	008	Chromium	EPA 6020 B
114.345	009	Cobalt	EPA 6020 B
114.345	010	Copper	EPA 6020 B
114.345	011	Iron	EPA 6020 B
114.345	012	Lead	EPA 6020 B
114.345	013	Magnesium	EPA 6020 B
114.345	014	Manganese	EPA 6020 B
114.345	015	Mercury	EPA 6020 B
114.345	016	Nickel	EPA 6020 B
114.345	017	Potassium	EPA 6020 B
114.345	018	Selenium	EPA 6020 B
114.345	019	Silver	EPA 6020 B
114.345	020	Sodium	EPA 6020 B
114.345	021	Thallium	EPA 6020 B
114.345	022	Vanadium	EPA 6020 B
114.345	023	Zinc	EPA 6020 B
114.345	024	Molybdenum	EPA 6020 B

Field of Accreditation: 115 - Leaching/Extraction Tests and Physical Characteristics of Hazardous Waste

115.055	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II
115.085	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311

Field of Accreditation: 116 - Volatile Organic Compounds in Hazardous Waste

116.220	001	Gasoline Range Organics (GRO)	EPA 8015 B
116.265	001	Benzene	EPA 8260 B
116.265	002	Bromobenzene	EPA 8260 B
116.265	003	Bromochloromethane	EPA 8260 B
116.265	004	Bromodichloromethane	EPA 8260 B
116.265	005	Bromoform	EPA 8260 B
116.265	006	Bromomethane (Methyl Bromide)	EPA 8260 B
116.265	007	n-Butylbenzene	EPA 8260 B
116.265	008	sec-Butylbenzene	EPA 8260 B
116.265	009	tert-Butylbenzene	EPA 8260 B
116.265	010	Carbon Disulfide	EPA 8260 B
116.265	011	Carbon Tetrachloride	EPA 8260 B
116.265	012	Chlorobenzene	EPA 8260 B
116.265	013	Chlorodibromomethane (Dibromochloromethane)	EPA 8260 B
116.265	014	Chloroethane	EPA 8260 B
116.265	015	Chloroform	EPA 8260 B
116.265	016	Chloromethane (Methyl Chloride)	EPA 8260 B
116.265	017	Dibromomethane	EPA 8260 B
116.265	018	Dichlorodifluoromethane (Freon 12)	EPA 8260 B

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
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Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

116.265	019	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 8260 B
116.265	020	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 8260 B
116.265	021	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 8260 B
116.265	022	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 8260 B
116.265	023	Ethylbenzene	EPA 8260 B
116.265	024	Hexachlorobutadiene	EPA 8260 B
116.265	025	Methyl tert-butyl Ether (MTBE)	EPA 8260 B
116.265	026	Methylene Chloride (Dichloromethane)	EPA 8260 B
116.265	027	Naphthalene	EPA 8260 B
116.265	029	N-propylbenzene	EPA 8260 B
116.265	030	Styrene	EPA 8260 B
116.265	031	Tetrachloroethylene (Tetrachloroethene)	EPA 8260 B
116.265	032	Toluene	EPA 8260 B
116.265	033	Trichloroethylene (Trichloroethene)	EPA 8260 B
116.265	034	Trichlorofluoromethane	EPA 8260 B
116.265	035	Vinyl Chloride	EPA 8260 B
116.265	036	m+p-Xylene	EPA 8260 B
116.265	037	o-Xylene	EPA 8260 B
116.265	038	m-Xylene	EPA 8260 B
116.265	039	p-Xylene	EPA 8260 B
116.265	040	1,1-Dichloroethane	EPA 8260 B
116.265	041	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 8260 B
116.265	042	1,1,1-Trichloroethane	EPA 8260 B
116.265	043	1,1,1,2-Tetrachloroethane	EPA 8260 B
116.265	044	1,1,2,2-Tetrachloroethane	EPA 8260 B
116.265	045	1,1,2-Trichloroethane	EPA 8260 B
116.265	046	1,2-Dichlorobenzene	EPA 8260 B
116.265	047	1,2-Dichloroethane (Ethylene Dichloride)	EPA 8260 B
116.265	048	1,2-Dibromoethane (EDB)	EPA 8260 B
116.265	049	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260 B
116.265	050	1,2-Dichloropropane	EPA 8260 B
116.265	051	1,2,3-Trichloropropane (TCP)	EPA 8260 B
116.265	052	1,2,4-Trichlorobenzene	EPA 8260 B
116.265	053	1,3-Dichlorobenzene	EPA 8260 B
116.265	054	1,4-Dichlorobenzene	EPA 8260 B
116.265	055	2-Chloroethyl vinyl Ether	EPA 8260 B
116.265	056	4-Chlorotoluene	EPA 8260 B
116.265	057	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 8260 B
116.265	058	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 B
116.265	059	Diisopropyl ether (DIPE)	EPA 8260 B
116.265	061	Ethyl tert-butyl Ether (ETBE)	EPA 8260 B
116.265	062	tert-Amyl Methyl Ether (TAME)	EPA 8260 B

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

Field of Accreditation: 117 - Semi-volatile Organic Chemistry of Hazardous Waste			
117.235	002	Diesel Range Organics (DRO)	EPA 8015 B
117.315	001	Aldrin	EPA 8081 A
117.315	002	alpha-BHC	EPA 8081 A
117.315	003	beta-BHC	EPA 8081 A
117.315	004	delta-BHC	EPA 8081 A
117.315	005	gamma-BHC (Lindane)	EPA 8081 A
117.315	006	Chlordane (total)	EPA 8081 A
117.315	008	4,4'-DDD	EPA 8081 A
117.315	009	4,4'-DDE	EPA 8081 A
117.315	010	4,4'-DDT	EPA 8081 A
117.315	011	Dieldrin	EPA 8081 A
117.315	012	Endosulfan I	EPA 8081 A
117.315	013	Endosulfan II	EPA 8081 A
117.315	014	Endosulfan Sulfate	EPA 8081 A
117.315	015	Endrin	EPA 8081 A
117.315	016	Endrin Aldehyde	EPA 8081 A
117.315	017	Endrin Ketone	EPA 8081 A
117.315	018	Heptachlor	EPA 8081 A
117.315	019	Heptachlor Epoxide	EPA 8081 A
117.315	020	Methoxychlor	EPA 8081 A
117.315	021	Toxaphene	EPA 8081 A
117.335	001	Aroclor 1016	EPA 8082
117.335	002	Aroclor 1221	EPA 8082
117.335	003	Aroclor 1232	EPA 8082
117.335	004	Aroclor 1242	EPA 8082
117.335	005	Aroclor 1248	EPA 8082
117.335	006	Aroclor 1254	EPA 8082
117.335	007	Aroclor 1260	EPA 8082
117.435	001	Acenaphthene	EPA 8270 C
117.435	002	Acenaphthylene	EPA 8270 C
117.435	003	Aniline	EPA 8270 C
117.435	004	Anthracene	EPA 8270 C
117.435	005	Benididine	EPA 8270 C
117.435	006	Benzoic Acid	EPA 8270 C
117.435	007	Benzo(a)anthracene	EPA 8270 C
117.435	008	Benzo(b)fluoranthene	EPA 8270 C
117.435	009	Benzo(k)fluoranthene	EPA 8270 C
117.435	010	Benzo(g,h,i)perylene	EPA 8270 C
117.435	011	Benzo(a)pyrene	EPA 8270 C
117.435	012	Benzyl Alcohol	EPA 8270 C
117.435	013	Bis(2-chloroethoxy) Methane	EPA 8270 C

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303
 Expiration Date: 3/31/2026

117.435	014	Bis(2-chloroethyl) Ether	EPA 8270 C
117.435	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 C
117.435	016	Butyl Benzyl Phthalate	EPA 8270 C
117.435	017	Chrysene	EPA 8270 C
117.435	018	Dibenz(a,h)anthracene	EPA 8270 C
117.435	019	Dibenzofuran	EPA 8270 C
117.435	020	Di-n-butyl Phthalate	EPA 8270 C
117.435	021	Diethyl Phthalate	EPA 8270 C
117.435	022	Dimethyl Phthalate	EPA 8270 C
117.435	023	Di-n-octyl Phthalate	EPA 8270 C
117.435	024	Fluoranthene	EPA 8270 C
117.435	025	Fluorene	EPA 8270 C
117.435	026	Naphthalene	EPA 8270 C
117.435	027	Nitrobenzene	EPA 8270 C
117.435	028	Pentachlorobenzene	EPA 8270 C
117.435	029	Pentachlorophenol	EPA 8270 C
117.435	031	1,2-Dichlorobenzene	EPA 8270 C
117.435	032	1,3-Dichlorobenzene	EPA 8270 C
117.435	033	1,4-Dichlorobenzene	EPA 8270 C
117.435	034	2-Chloronaphthalene	EPA 8270 C
117.435	035	2-Chlorophenol	EPA 8270 C
117.435	036	2,4-Dichlorophenol	EPA 8270 C
117.435	037	2,4-Dimethylphenol	EPA 8270 C
117.435	038	2,4-Dinitrophenol	EPA 8270 C
117.435	039	2,4-Dinitrotoluene	EPA 8270 C
117.435	040	2,6-Dichlorophenol	EPA 8270 C
117.435	041	2,6-Dinitrotoluene	EPA 8270 C
117.435	042	2-Nitroaniline	EPA 8270 C
117.435	043	2-Nitrophenol	EPA 8270 C
117.435	044	3-Nitroaniline	EPA 8270 C
117.435	045	3,3'-Dichlorobenzidine	EPA 8270 C
117.435	046	4-Chloroaniline	EPA 8270 C
117.435	047	4-Chloro-3-methylphenol	EPA 8270 C
117.435	048	4-Bromophenyl Phenyl Ether	EPA 8270 C
117.435	049	4-Chlorophenyl Phenyl Ether	EPA 8270 C
117.435	050	4-Nitroaniline	EPA 8270 C
117.435	051	4-Nitrophenol	EPA 8270 C
117.435	071	Demeton-O	EPA 8270 C
117.435	072	Demeton-S	EPA 8270 C
117.435	073	Dichlorvos (DDVP)	EPA 8270 C
117.435	075	Malathion	EPA 8270 C
117.435	076	Parathion Ethyl	EPA 8270 C

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

117.435	077	Parathion Methyl	EPA 8270 C
117.435	078	Phorate	EPA 8270 C
117.435	080	Aroclor 1016	EPA 8270 C
117.435	081	Aroclor 1221	EPA 8270 C
117.435	082	Aroclor 1232	EPA 8270 C
117.435	083	Aroclor 1242	EPA 8270 C
117.435	084	Aroclor 1248	EPA 8270 C
117.435	085	Aroclor 1254	EPA 8270 C
117.435	086	Aroclor 1260	EPA 8270 C
117.435	088	N-nitrosodimethylamine	EPA 8270 C
117.435	089	N-nitrosodiphenylamine	EPA 8270 C
117.435	090	N-nitroso-di-n-propylamine	EPA 8270 C
117.435	091	Indeno(1,2,3-c,d)pyrene	EPA 8270 C
117.435	092	Isophorone	EPA 8270 C
117.435	093	2-Methylnaphthalene	EPA 8270 C
117.435	094	Phenanthrene	EPA 8270 C

Field of Accreditation: 130 - Inorganic constituents in Hazardous waste (Matrix Aqueous)

130.010	001	Aluminum	EPA 6010 B
130.010	002	Antimony	EPA 6010 B
130.010	003	Arsenic	EPA 6010 B
130.010	004	Barium	EPA 6010 B
130.010	005	Beryllium	EPA 6010 B
130.010	006	Boron	EPA 6010 B
130.010	007	Cadmium	EPA 6010 B
130.010	008	Calcium	EPA 6010 B
130.010	009	Chromium	EPA 6010 B
130.010	010	Cobalt	EPA 6010 B
130.010	011	Copper	EPA 6010 B
130.010	012	Iron	EPA 6010 B
130.010	013	Lead	EPA 6010 B
130.010	014	Magnesium	EPA 6010 B
130.010	015	Manganese	EPA 6010 B
130.010	016	Molybdenum	EPA 6010 B
130.010	017	Nickel	EPA 6010 B
130.010	018	Potassium	EPA 6010 B
130.010	019	Selenium	EPA 6010 B
130.010	020	Silver	EPA 6010 B
130.010	021	Sodium	EPA 6010 B
130.010	022	Strontium	EPA 6010 B
130.010	023	Thallium	EPA 6010 B
130.010	024	Tin	EPA 6010 B
130.010	025	Titanium	EPA 6010 B

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

130.010	026	Vanadium	EPA 6010 B
130.010	027	Zinc	EPA 6010 B
130.040	001	Aluminum	EPA 6020 B
130.040	002	Antimony	EPA 6020 B
130.040	003	Arsenic	EPA 6020 B
130.040	004	Barium	EPA 6020 B
130.040	005	Beryllium	EPA 6020 B
130.040	006	Cadmium	EPA 6020 B
130.040	007	Calcium	EPA 6020 B
130.040	008	Chromium	EPA 6020 B
130.040	009	Cobalt	EPA 6020 B
130.040	010	Copper	EPA 6020 B
130.040	011	Iron	EPA 6020 B
130.040	012	Lead	EPA 6020 B
130.040	013	Magnesium	EPA 6020 B
130.040	014	Manganese	EPA 6020 B
130.040	015	Mercury	EPA 6020 B
130.040	016	Nickel	EPA 6020 B
130.040	017	Potassium	EPA 6020 B
130.040	018	Selenium	EPA 6020 B
130.040	019	Silver	EPA 6020 B
130.040	020	Sodium	EPA 6020 B
130.040	021	Thallium	EPA 6020 B
130.040	022	Vanadium	EPA 6020 B
130.040	023	Zinc	EPA 6020 B
130.040	024	Molybdenum	EPA 6020 B

Field of Accreditation: 131 - Leaching/Extraction, Physical Characteristics in Hazardous Waste (Matrix Aqueous)

131.010	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II
131.040	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311

Field of Accreditation: 132 - Volatile Organic Compounds in Hazardous Waste (Matrix Aqueous)

132.015	001	Gasoline Range Organics (GRO)	EPA 8015 B
132.020	047	2-Chloroethyl vinyl Ether	EPA 8021 B
132.060	001	Benzene	EPA 8260 B
132.060	002	Bromobenzene	EPA 8260 B
132.060	003	Bromochloromethane	EPA 8260 B
132.060	004	Bromodichloromethane	EPA 8260 B
132.060	005	Bromoform	EPA 8260 B
132.060	006	Bromomethane (Methyl Bromide)	EPA 8260 B
132.060	007	n-Butylbenzene	EPA 8260 B
132.060	008	sec-Butylbenzene	EPA 8260 B
132.060	009	tert-Butylbenzene	EPA 8260 B
132.060	010	Carbon Disulfide	EPA 8260 B

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

132.060	011	Carbon Tetrachloride	EPA 8260 B
132.060	012	Chlorobenzene	EPA 8260 B
132.060	013	Chlorodibromomethane (Dibromochloromethane)	EPA 8260 B
132.060	014	Chloroethane	EPA 8260 B
132.060	015	Chloroform	EPA 8260 B
132.060	016	Chloromethane (Methyl Chloride)	EPA 8260 B
132.060	017	Dibromomethane	EPA 8260 B
132.060	018	Dichlorodifluoromethane (Freon 12)	EPA 8260 B
132.060	019	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 8260 B
132.060	020	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 8260 B
132.060	021	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 8260 B
132.060	022	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 8260 B
132.060	023	Ethylbenzene	EPA 8260 B
132.060	024	Hexachlorobutadiene	EPA 8260 B
132.060	025	Methyl tert-butyl Ether (MTBE)	EPA 8260 B
132.060	026	Methylene Chloride (Dichloromethane)	EPA 8260 B
132.060	027	Naphthalene	EPA 8260 B
132.060	029	N-propylbenzene	EPA 8260 B
132.060	030	Styrene	EPA 8260 B
132.060	031	Tetrachloroethylene (Tetrachloroethene)	EPA 8260 B
132.060	032	Toluene	EPA 8260 B
132.060	033	Trichloroethylene (Trichloroethene)	EPA 8260 B
132.060	034	Trichlorofluoromethane	EPA 8260 B
132.060	035	Vinyl Chloride	EPA 8260 B
132.060	036	m+p-Xylene	EPA 8260 B
132.060	037	o-Xylene	EPA 8260 B
132.060	038	m-Xylene	EPA 8260 B
132.060	039	p-Xylene	EPA 8260 B
132.060	040	1,1-Dichloroethane	EPA 8260 B
132.060	041	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 8260 B
132.060	042	1,1,1-Trichloroethane	EPA 8260 B
132.060	043	1,1,1,2-Tetrachloroethane	EPA 8260 B
132.060	044	1,1,2,2-Tetrachloroethane	EPA 8260 B
132.060	045	1,1,2-Trichloroethane	EPA 8260 B
132.060	046	1,2-Dichlorobenzene	EPA 8260 B
132.060	047	1,2-Dichloroethane (Ethylene Dichloride)	EPA 8260 B
132.060	048	1,2-Dibromoethane (EDB)	EPA 8260 B
132.060	049	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260 B
132.060	050	1,2-Dichloropropane	EPA 8260 B
132.060	051	1,2,3-Trichloropropane (TCP)	EPA 8260 B
132.060	052	1,2,4-Trichlorobenzene	EPA 8260 B
132.060	053	1,3-Dichlorobenzene	EPA 8260 B

As of 3/28/2024 , this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

132.060	054	1,4-Dichlorobenzene	EPA 8260 B
132.060	056	4-Chlorotoluene	EPA 8260 B
132.060	057	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 8260 B
132.060	058	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 B
132.060	059	Diisopropyl ether (DIPE)	EPA 8260 B
132.060	061	Ethyl tert-butyl Ether (ETBE)	EPA 8260 B
132.060	062	tert-Amyl Methyl Ether (TAME)	EPA 8260 B

Field of Accreditation: 133 - Semi-Volatile Organic Chemistry in Hazardous Waste (Matrix Aqueous)

133.010	002	Diesel Range Organics (DRO)	EPA 8015 B
133.090	001	Aldrin	EPA 8081 A
133.090	002	alpha-BHC	EPA 8081 A
133.090	003	beta-BHC	EPA 8081 A
133.090	004	delta-BHC	EPA 8081 A
133.090	005	gamma-BHC (Lindane)	EPA 8081 A
133.090	006	Chlordane	EPA 8081 A
133.090	008	4,4'-DDD	EPA 8081 A
133.090	009	4,4'-DDE	EPA 8081 A
133.090	010	4,4'-DDT	EPA 8081 A
133.090	011	Dieldrin	EPA 8081 A
133.090	012	Endosulfan I	EPA 8081 A
133.090	013	Endosulfan II	EPA 8081 A
133.090	014	Endosulfan Sulfate	EPA 8081 A
133.090	015	Endrin	EPA 8081 A
133.090	016	Endrin Aldehyde	EPA 8081 A
133.090	017	Endrin Ketone	EPA 8081 A
133.090	018	Heptachlor	EPA 8081 A
133.090	019	Heptachlor Epoxide	EPA 8081 A
133.090	020	Methoxychlor	EPA 8081 A
133.090	021	Toxaphene	EPA 8081 A
133.120	001	Aroclor 1016	EPA 8082
133.120	002	Aroclor 1221	EPA 8082
133.120	003	Aroclor 1232	EPA 8082
133.120	004	Aroclor 1242	EPA 8082
133.120	005	Aroclor 1248	EPA 8082
133.120	006	Aroclor 1254	EPA 8082
133.120	007	Aroclor 1260	EPA 8082
133.230	001	Acenaphthene	EPA 8270 C
133.230	002	Acenaphthylene	EPA 8270 C
133.230	003	Aniline	EPA 8270 C
133.230	004	Anthracene	EPA 8270 C
133.230	005	Benzidine	EPA 8270 C
133.230	006	Benzoic Acid	EPA 8270 C

As of 3/28/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

133.230	007	Benzo(a)anthracene	EPA 8270 C
133.230	008	Benzo(b)fluoranthene	EPA 8270 C
133.230	009	Benzo(k)fluoranthene	EPA 8270 C
133.230	010	Benzo(g,h,i)perylene	EPA 8270 C
133.230	011	Benzo(a)pyrene	EPA 8270 C
133.230	012	Benzyl Alcohol	EPA 8270 C
133.230	013	Bis(2-chloroethoxy) Methane	EPA 8270 C
133.230	014	Bis(2-chloroethyl) Ether	EPA 8270 C
133.230	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 C
133.230	016	Butyl Benzyl Phthalate	EPA 8270 C
133.230	017	Chrysene	EPA 8270 C
133.230	018	Dibenz(a,h)anthracene	EPA 8270 C
133.230	019	Dibenzofuran	EPA 8270 C
133.230	020	Di-n-butyl Phthalate	EPA 8270 C
133.230	021	Diethyl Phthalate	EPA 8270 C
133.230	022	Dimethyl Phthalate	EPA 8270 C
133.230	023	Di-n-octyl Phthalate	EPA 8270 C
133.230	024	Fluoranthene	EPA 8270 C
133.230	025	Fluorene	EPA 8270 C
133.230	026	Naphthalene	EPA 8270 C
133.230	027	Nitrobenzene	EPA 8270 C
133.230	028	Pentachlorobenzene	EPA 8270 C
133.230	029	Pentachlorophenol	EPA 8270 C
133.230	031	1,2-Dichlorobenzene	EPA 8270 C
133.230	032	1,3-Dichlorobenzene	EPA 8270 C
133.230	033	1,4-Dichlorobenzene	EPA 8270 C
133.230	034	2-Chloronaphthalene	EPA 8270 C
133.230	035	2-Chlorophenol	EPA 8270 C
133.230	036	2,4-Dichlorophenol	EPA 8270 C
133.230	037	2,4-Dimethylphenol	EPA 8270 C
133.230	038	2,4-Dinitrophenol	EPA 8270 C
133.230	039	2,4-Dinitrotoluene	EPA 8270 C
133.230	040	2,6-Dichlorophenol	EPA 8270 C
133.230	041	2,6-Dinitrotoluene	EPA 8270 C
133.230	042	2-Nitroaniline	EPA 8270 C
133.230	043	2-Nitrophenol	EPA 8270 C
133.230	044	3-Nitroaniline	EPA 8270 C
133.230	045	3,3'-Dichlorobenzidine	EPA 8270 C
133.230	046	4-Chloroaniline	EPA 8270 C
133.230	047	4-Chloro-3-methylphenol	EPA 8270 C
133.230	048	4-Bromophenyl Phenyl Ether	EPA 8270 C
133.230	049	4-Chlorophenyl Phenyl Ether	EPA 8270 C

As of 3/28/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Alpha Analytical Laboratories Inc. - North Bay

Certificate Number: 2303

Expiration Date: 3/31/2026

133.230	050	4-Nitroaniline	EPA 8270 C
133.230	051	4-Nitrophenol	EPA 8270 C
133.230	071	Demeton-O	EPA 8270 C
133.230	072	Demeton-S	EPA 8270 C
133.230	073	Dichlorvos (DDVP)	EPA 8270 C
133.230	074	Disulfoton	EPA 8270 C
133.230	075	Malathion	EPA 8270 C
133.230	076	Parathion Ethyl	EPA 8270 C
133.230	077	Parathion Methyl	EPA 8270 C
133.230	078	Phorate	EPA 8270 C
133.230	080	Aroclor 1016	EPA 8270 C
133.230	081	Aroclor 1221	EPA 8270 C
133.230	082	Aroclor 1232	EPA 8270 C
133.230	083	Aroclor 1242	EPA 8270 C
133.230	084	Aroclor 1248	EPA 8270 C
133.230	085	Aroclor 1254	EPA 8270 C
133.230	086	Aroclor 1260	EPA 8270 C
133.230	087	N-nitrosodiethylamine	EPA 8270 C
133.230	088	N-nitrosodimethylamine	EPA 8270 C
133.230	089	N-nitrosodiphenylamine	EPA 8270 C
133.230	090	N-nitroso-di-n-propylamine	EPA 8270 C
133.230	091	Indeno(1,2,3-c,d)pyrene	EPA 8270 C
133.230	092	Isophorone	EPA 8270 C
133.230	093	2-Methylnaphthalene	EPA 8270 C
133.230	094	Phenanthrene	EPA 8270 C



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

McC Campbell Analytical, Inc.

1534 Willow Pass Road

Pittsburg, CA 94565

Scope of the certificate is limited to the
"Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1644**

Effective Date: **11/3/2023**

Expiration Date: **11/2/2025**

Sacramento, California
subject to forfeiture or revocation

A handwritten signature in blue ink, reading "Christine Sotelo".

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**

**McC Campbell Analytical, Inc.**

1534 Willow Pass Road
Pittsburg, CA 94565
Phone: 9252529262

Certificate Number: 1644

Expiration Date: 11/2/2025

Field of Accreditation: 101 - Microbiology of Drinking Water

101.010	001	Heterotrophic Bacteria	SM 9215 B
101.010	002	Heterotrophic Bacteria	SimPlate
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.020	006	E. coli (Enumeration)	SM 9221 B,F
101.040	005	Total Coliform (Enumeration)	SM 9222 B
101.040	006	Fecal Coliform (Enumeration)	SM 9222 D
101.050	001	Total Coliform P/A	SM 9223 B Colilert
101.050	002	E. coli P/A	SM 9223 B Colilert
101.050	003	Total Coliform (Enumeration)	SM 9223 B Colilert
101.050	004	E. coli (Enumeration)	SM 9223 B Colilert
101.140	001	Enterococci	SM 9230 B
101.170	001	Enterococci	Enterolert

Field of Accreditation: 102 - Inorganic Chemistry of Drinking Water

102.015	001	Hydrogen Ion (pH)	EPA 150.1
102.020	001	Turbidity	EPA 180.1
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (Calculation)	EPA 200.7
102.040	001	Bromide	EPA 300.1
102.040	002	Chlorite	EPA 300.1
102.040	003	Chlorate	EPA 300.1
102.040	004	Bromate	EPA 300.1
102.040	005	Chloride	EPA 300.1
102.040	006	Fluoride	EPA 300.1
102.040	007	Nitrate (as N)	EPA 300.1
102.040	008	Nitrite (as N)	EPA 300.1
102.040	009	Phosphate, Ortho (as P)	EPA 300.1
102.040	010	Sulfate (as SO ₄)	EPA 300.1

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

102.045	001	Perchlorate	EPA 314.0
102.050	001	Cyanide, Total	EPA 335.4
102.086	001	Dissolved Organic Carbon (DOC)	EPA 415.3 Revision 1.2
102.086	003	Organic Carbon-Total (TOC)	EPA 415.3 Revision 1.2
102.095	001	Turbidity	SM 2130 B-2001
102.100	001	Alkalinity	SM 2320 B-1997
102.120	001	Hardness (Calculation)	SM 2340 B-1997
102.121	001	Hardness	SM 2340 C-1997
102.130	001	Specific Conductance	SM 2510 B-1997
102.140	001	Residue, Filterable TDS	SM 2540 C-1997
102.175	001	Chlorine, Free	SM 4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM 4500-Cl G-2000
102.190	001	Cyanide, Total	SM 4500-CN E-1999
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
102.243	001	Silica	SM 4500-SiO2 D-1997
102.260	001	Organic Carbon-Total (TOC)	SM 5310 B-2000
102.261	001	Dissolved Organic Carbon (DOC)	SM 5310 B-2000
102.270	001	Surfactants	SM 5540 C-2000
102.280	001	UV254	SM 5910 B-2011
102.290	001	Microplastics > 500 µm	SWB-MP1-rev1
102.290	002	Microplastics 500-212 µm	SWB-MP1-rev1
102.290	003	Microplastics 212-50 µm	SWB-MP1-rev1
102.564	001	Cyanide, Total	Kelada-01

Field of Accreditation: 103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	011	Mercury	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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103.140	016	Zinc	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.140	019	Strontium	EPA 200.8
103.161	001	Mercury	EPA 245.2
103.310	001	Chromium VI (Hexavalent Chromium)	EPA 218.6
103.311	001	Chromium VI (Hexavalent Chromium)	EPA 218.7

Field of Accreditation: 104 - Volatile Organic Chemistry of Drinking Water

104.036	001	1,2,3-Trichloropropane (TCP)	DWRL-123TCP
104.200	001	1,1,1,2-Tetrachloroethane	EPA 524.2
104.200	002	1,1,1-Trichloroethane	EPA 524.2
104.200	003	1,1,2,2-Tetrachloroethane	EPA 524.2
104.200	004	1,1,2-Trichloroethane	EPA 524.2
104.200	005	1,1-Dichloroethane	EPA 524.2
104.200	006	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 524.2
104.200	007	1,2,3-Trichlorobenzene	EPA 524.2
104.200	008	1,2,4-Trichlorobenzene	EPA 524.2
104.200	009	1,2,4-Trimethylbenzene	EPA 524.2
104.200	010	1,2-Dichlorobenzene	EPA 524.2
104.200	011	1,2-Dichloroethane (Ethylene Dichloride)	EPA 524.2
104.200	012	1,2-Dichloropropane	EPA 524.2
104.200	013	1,3,5-Trimethylbenzene	EPA 524.2
104.200	014	1,3-Dichlorobenzene	EPA 524.2
104.200	015	1,4-Dichlorobenzene	EPA 524.2
104.200	016	2-Chlorotoluene	EPA 524.2
104.200	017	4-Chlorotoluene	EPA 524.2
104.200	018	Benzene	EPA 524.2
104.200	019	Carbon Disulfide	EPA 524.2
104.200	020	Carbon Tetrachloride	EPA 524.2
104.200	021	Chlorobenzene	EPA 524.2
104.200	022	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 524.2
104.200	023	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 524.2
104.200	024	Dichlorodifluoromethane	EPA 524.2
104.200	025	Dichloromethane (Methylene Chloride)	EPA 524.2
104.200	027	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.200	028	Ethylbenzene	EPA 524.2
104.200	029	Isopropylbenzene	EPA 524.2
104.200	031	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.200	032	Naphthalene	EPA 524.2
104.200	033	n-Butylbenzene	EPA 524.2
104.200	034	N-propylbenzene	EPA 524.2
104.200	035	sec-Butylbenzene	EPA 524.2
104.200	036	Styrene	EPA 524.2

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B**McCampbell Analytical, Inc.****Certificate Number:** 1644**Expiration Date:** 11/2/2025

104.200	037	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 524.2
104.200	038	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.200	039	tert-Butylbenzene	EPA 524.2
104.200	040	Tetrachloroethylene (Tetrachloroethene)	EPA 524.2
104.200	041	Toluene	EPA 524.2
104.200	042	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 524.2
104.200	043	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 524.2
104.200	044	Trichloroethylene (Trichloroethene)	EPA 524.2
104.200	045	Trichlorofluoromethane	EPA 524.2
104.200	046	Trichlorotrifluoroethane	EPA 524.2
104.200	047	Vinyl Chloride	EPA 524.2
104.200	201	Bromodichloromethane	EPA 524.2
104.200	202	Bromoform	EPA 524.2
104.200	203	Chloroform	EPA 524.2
104.200	204	Dibromochloromethane (Chlorodibromomethane)	EPA 524.2
104.205	002	1,1,1-Trichloroethane	EPA 524.3
104.205	004	1,1,2-Trichloroethane	EPA 524.3
104.205	006	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 524.3
104.205	007	1,2,3-Trichlorobenzene	EPA 524.3
104.205	008	1,2,4-Trichlorobenzene	EPA 524.3
104.205	009	1,2,4-Trimethylbenzene	EPA 524.3
104.205	010	1,2-Dichlorobenzene	EPA 524.3
104.205	011	1,2-Dichloroethane (Ethylene Dichloride)	EPA 524.3
104.205	012	1,2-Dichloropropane	EPA 524.3
104.205	014	1,3-Dichlorobenzene	EPA 524.3
104.205	015	1,4-Dichlorobenzene	EPA 524.3
104.205	018	Benzene	EPA 524.3
104.205	020	Carbon Tetrachloride	EPA 524.3
104.205	021	Chlorobenzene	EPA 524.3
104.205	022	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 524.3
104.205	025	Dichloromethane (Methylene Chloride)	EPA 524.3
104.205	027	Ethyl tert-butyl Ether (ETBE)	EPA 524.3
104.205	028	Ethylbenzene	EPA 524.3
104.205	030	Methyl isobutyl ketone (MIBK, 4-Methyl-2-pentanone)	EPA 524.3
104.205	031	Methyl tert-butyl Ether (MTBE)	EPA 524.3
104.205	032	Naphthalene	EPA 524.3
104.205	033	n-Butylbenzene	EPA 524.3
104.205	034	N-propylbenzene	EPA 524.3
104.205	035	sec-Butylbenzene	EPA 524.3
104.205	036	Styrene	EPA 524.3
104.205	036	Styrene	EPA 524.3
104.205	037	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 524.3

ATTACHMENT B

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104.205	038	tert-Amyl Methyl Ether (TAME)	EPA 524.3
104.205	040	Tetrachloroethylene (Tetrachloroethene)	EPA 524.3
104.205	041	Toluene	EPA 524.3
104.205	042	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 524.3
104.205	044	Trichloroethylene (Trichloroethene)	EPA 524.3
104.205	045	Trichlorofluoromethane	EPA 524.3
104.205	046	Trichlorotrifluoroethane	EPA 524.3
104.205	046	Trichlorotrifluoroethane	EPA 524.3
104.205	047	Vinyl Chloride	EPA 524.3
104.205	201	Bromodichloromethane	EPA 524.3
104.205	202	Bromoform	EPA 524.3
104.205	203	Chloroform	EPA 524.3
104.205	204	Dibromochloromethane (Chlorodibromomethane)	EPA 524.3
104.205	204	Dibromochloromethane (Chlorodibromomethane)	EPA 524.3
104.205	301	1,2-Dibromoethane (EDB)	EPA 524.3
104.205	302	1,2-Dibromo-3-chloropropane (DBCP)	EPA 524.3

Field of Accreditation: 105 - Semi-volatile Organic Chemistry of Drinking Water

105.035	002	Endosulfan I	EPA 508
105.035	003	Endosulfan II	EPA 508
105.035	004	Endosulfan Sulfate	EPA 508
105.035	005	Endrin	EPA 508
105.035	007	Heptachlor	EPA 508
105.035	008	Heptachlor Epoxide	EPA 508
105.035	010	Lindane (HCH-gamma)	EPA 508
105.035	011	Methoxychlor	EPA 508
105.035	013	Chlordane	EPA 508
105.035	014	Toxaphene	EPA 508
105.035	015	PCBs as Aroclors	EPA 508
105.035	016	Aroclor 1016	EPA 508
105.035	017	Aroclor 1221	EPA 508
105.035	018	Aroclor 1232	EPA 508
105.035	019	Aroclor 1242	EPA 508
105.035	020	Aroclor 1248	EPA 508
105.035	021	Aroclor 1254	EPA 508
105.035	022	Aroclor 1260	EPA 508
105.082	001	2,4-D	EPA 515.3
105.082	002	Dinoseb	EPA 515.3
105.082	003	Pentachlorophenol	EPA 515.3
105.082	004	Picloram	EPA 515.3
105.082	005	2,4,5-TP (Silvex)	EPA 515.3
105.082	006	Bentazon	EPA 515.3
105.082	007	Dalapon	EPA 515.3

As of 1/17/2025 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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105.082	008	Dicamba	EPA 515.3
105.090	001	Alachlor	EPA 525.2
105.090	003	Atrazine	EPA 525.2
105.090	004	Benzo(a)pyrene	EPA 525.2
105.090	008	Di(2-ethylhexyl) Adipate	EPA 525.2
105.090	009	Di(2-ethylhexyl) Phthalate	EPA 525.2
105.090	016	Hexachlorobenzene	EPA 525.2
105.090	017	Hexachlorocyclopentadiene	EPA 525.2
105.090	022	Molinate	EPA 525.2
105.090	023	Pentachlorophenol	EPA 525.2
105.090	025	Simazine	EPA 525.2
105.091	001	Alachlor	EPA 525.3
105.091	002	Aldrin	EPA 525.3
105.091	003	Atrazine	EPA 525.3
105.091	004	Bromacil	EPA 525.3
105.091	005	Benzo(a)pyrene	EPA 525.3
105.091	006	Butachlor	EPA 525.3
105.091	007	Chlordane	EPA 525.3
105.091	008	Diazinon	EPA 525.3
105.091	009	Di(2-ethylhexyl) Adipate	EPA 525.3
105.091	010	Di(2-ethylhexyl) Phthalate	EPA 525.3
105.091	011	Endrin	EPA 525.3
105.091	012	Heptachlor	EPA 525.3
105.091	013	Heptachlor Epoxide	EPA 525.3
105.091	014	Hexachlorobenzene	EPA 525.3
105.091	015	Hexachlorocyclopentadiene	EPA 525.3
105.091	016	Lindane (HCH-gamma)	EPA 525.3
105.091	017	Methoxychlor	EPA 525.3
105.091	018	Metolachlor	EPA 525.3
105.091	019	Metribuzin	EPA 525.3
105.091	020	Molinate	EPA 525.3
105.091	021	Pentachlorophenol	EPA 525.3
105.091	022	Propachlor	EPA 525.3
105.091	023	Simazine	EPA 525.3
105.091	024	Thiobencarb	EPA 525.3
105.091	025	Toxaphene	EPA 525.3
105.091	027	Dieldrin	EPA 525.3
105.100	001	Aldicarb (Temik)	EPA 531.1
105.100	002	Aldicarb Sulfone	EPA 531.1
105.100	003	Aldicarb Sulfoxide	EPA 531.1
105.100	004	Carbaryl (Sevin)	EPA 531.1
105.100	005	Carbofuran (Furadan)	EPA 531.1

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105.100	006	3-Hydroxycarbofuran	EPA 531.1
105.100	007	Methomyl (Lannate)	EPA 531.1
105.100	008	Oxamyl	EPA 531.1
105.103	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 533
105.103	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 533
105.103	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 533
105.103	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 533
105.103	005	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 533
105.103	006	Perfluorobutanoic Acid (PFBA)	EPA 533
105.103	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 533
105.103	008	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid (8:2FTS)	EPA 533
105.103	009	Perfluorodecanoic Acid (PFDA)	EPA 533
105.103	010	Perfluorododecanoic Acid (PFDoA)	EPA 533
105.103	011	Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA)	EPA 533
105.103	012	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 533
105.103	013	Perfluoroheptanoic Acid (PFHpA)	EPA 533
105.103	014	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid (4:2FTS)	EPA 533
105.103	015	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 533
105.103	016	Perfluorohexanoic Acid (PFHxA)	EPA 533
105.103	017	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 533
105.103	018	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 533
105.103	019	Perfluorononanoic Acid (PFNA)	EPA 533
105.103	020	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid (6:2FTS)	EPA 533
105.103	021	Perfluorooctane Sulfonic Acid (PFOS)	EPA 533
105.103	022	Perfluorooctanoic Acid (PFOA)	EPA 533
105.103	023	Perfluoropentanoic Acid (PFPeA)	EPA 533
105.103	024	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 533
105.103	025	Perfluoroundecanoic Acid (PFUnDA)	EPA 533
105.106	001	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 537.1
105.106	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 537.1
105.106	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1
105.106	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 537.1
105.106	005	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 537.1
105.106	006	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 537.1
105.106	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 537.1
105.106	008	Perfluorodecanoic Acid (PFDA)	EPA 537.1
105.106	009	Perfluorododecanoic Acid (PFDoA)	EPA 537.1
105.106	010	Perfluoroheptanoic Acid (PFHpA)	EPA 537.1
105.106	011	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1
105.106	012	Perfluorohexanoic Acid (PFHxA)	EPA 537.1
105.106	013	Perfluorononanoic Acid (PFNA)	EPA 537.1
105.106	014	Perfluorooctanoic Acid (PFOA)	EPA 537.1

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105.106	015	Perfluorooctane Sulfonic Acid (PFOS)	EPA 537.1
105.106	016	Perfluorotetradecanoic Acid (PFTeDA)	EPA 537.1
105.106	017	Perfluorotridecanoic Acid (PFTrDA)	EPA 537.1
105.106	018	Perfluoroundecanoic Acid (PFUnDA)	EPA 537.1
105.120	001	Glyphosate	EPA 547
105.140	001	Endothall	EPA 548.1
105.150	001	Diquat	EPA 549.2
105.201	003	Bromoacetic Acid	EPA 552.3
105.201	004	Chloroacetic Acid	EPA 552.3
105.201	005	Dibromoacetic Acid	EPA 552.3
105.201	006	Dichloroacetic Acid	EPA 552.3
105.201	007	Trichloroacetic Acid	EPA 552.3
105.230	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613 B
105.230	002	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Screening Only	EPA 1613 B

Field of Accreditation:107 - Microbiological Methods for Non-Potable Water and Sewage Sludge

107.013	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert
107.050	001	Total Coliform (Enumeration)	SM 9221 B-2014
107.052	001	Fecal Coliform (Enumeration)	SM 9221 E-2014
107.054	001	E. coli (Enumeration)	SM 9221 F-2014
107.056	001	Total Coliform (Enumeration)	SM 9222 B-2015
107.058	001	Fecal Coliform (Enumeration)	SM 9222 D-2015
107.062	001	Enterococci	SM 9230 B-2013
107.062	002	Fecal Streptococci	SM 9230 B-2013
107.066	001	Enterococci	SM 9230 D-2013 Enterolert
107.068	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert

Field of Accreditation:108 - Inorganic Constituents in Non-Potable Water

108.013	001	Calcium	EPA 200.7
108.013	002	Magnesium	EPA 200.7
108.013	003	Phosphorus, Total	EPA 200.7
108.013	004	Potassium	EPA 200.7
108.013	006	Sodium	EPA 200.7
108.019	001	Bromide	EPA 300.1
108.019	002	Chloride	EPA 300.1
108.019	003	Fluoride	EPA 300.1
108.019	004	Nitrate (as N)	EPA 300.1
108.019	005	Nitrate-Nitrite (as N)	EPA 300.1
108.019	006	Nitrite (as N)	EPA 300.1
108.019	008	Sulfate (as SO4)	EPA 300.1
108.023	001	Cyanide, Total	EPA 335.4
108.025	001	Ammonia (as N)	EPA 350.1
108.029	001	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.033	001	Nitrate-Nitrite (as N)	EPA 353.2

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

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108.037	001	Phosphate,Ortho (as P)	EPA 365.3
108.045	001	Chemical Oxygen Demand	EPA 410.4
108.047	001	Phenols, Total	EPA 420.1
108.049	001	Phenols, Total	EPA 420.4
108.053	001	Oil & Grease, Total Recoverable	EPA 1664 A
108.063	001	Alkalinity	SM 2320 B-2011
108.067	001	Hardness	SM 2340 C-2011
108.069	001	Specific Conductance	SM 2510 B-2011
108.070	001	Residue, Total	SM 2540 B-2015
108.072	001	Residue, Filterable TDS	SM 2540 C-2015
108.074	001	Residue, Non-filterable TSS	SM 2540 D-2015
108.076	001	Residue, Volatile	SM 2540 E-2015
108.078	001	Residue, Settleable	SM 2540 F-2015
108.108	001	Chlorine, Total Residual	SM 4500-Cl E-2011
108.114	001	Chlorine, Total Residual	SM 4500-Cl G-2011
108.114	002	Chlorine, Free	SM 4500-Cl G-2011
108.124	001	Cyanide, Total	SM 4500-CN- E-2016
108.130	001	Cyanide, Total	SM 4500-CN- N-2016
108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011
108.147	001	Ammonia (as N)	SM 4500-NH3 G-2011
108.158	001	Nitrate-Nitrite (as N)	SM 4500-NO3- F-2016
108.174	001	Oxygen, Dissolved	SM 4500-O G-2016
108.206	001	Biochemical Oxygen Demand	SM 5210 B-2016
108.206	002	Carbonaceous BOD	SM 5210 B-2016
108.213	001	Chemical Oxygen Demand	SM 5220 D-2011
108.214	001	Organic Carbon-Total (TOC)	SM 5310 B-2014
108.225	001	Surfactants	SM 5540 C-2011
108.335	001	Cyanide, Total	Kelada-01

Field of Accreditation:109 - Metals and Trace Elements in Non-Potable Water

109.623	001	Aluminum	EPA 200.7
109.623	006	Boron	EPA 200.7
109.623	011	Iron	EPA 200.7
109.623	013	Manganese	EPA 200.7
109.625	001	Aluminum	EPA 200.8
109.625	002	Antimony	EPA 200.8
109.625	003	Arsenic	EPA 200.8
109.625	004	Barium	EPA 200.8
109.625	005	Beryllium	EPA 200.8
109.625	007	Cadmium	EPA 200.8
109.625	008	Chromium	EPA 200.8
109.625	009	Cobalt	EPA 200.8
109.625	010	Copper	EPA 200.8

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109.625	012	Iron	EPA 200.8
109.625	013	Lead	EPA 200.8
109.625	014	Manganese	EPA 200.8
109.625	015	Molybdenum	EPA 200.8
109.625	016	Nickel	EPA 200.8
109.625	017	Selenium	EPA 200.8
109.625	018	Silver	EPA 200.8
109.625	019	Thallium	EPA 200.8
109.625	020	Tin	EPA 200.8
109.625	021	Titanium	EPA 200.8
109.625	022	Vanadium	EPA 200.8
109.625	023	Zinc	EPA 200.8
109.629	001	Chromium VI (Hexavalent Chromium)	EPA 218.6
109.637	001	Mercury	EPA 245.2
109.657	001	Mercury	EPA 1631 E

Field of Accreditation: 110 - Volatile Organic Constituents in Non-Potable Water

110.040	001	Acetone	EPA 624.1
110.040	003	Acrolein	EPA 624.1
110.040	004	Acrylonitrile	EPA 624.1
110.040	005	Benzene	EPA 624.1
110.040	006	Bromodichloromethane	EPA 624.1
110.040	007	Bromoform	EPA 624.1
110.040	008	Bromomethane (Methyl Bromide)	EPA 624.1
110.040	010	Carbon Tetrachloride	EPA 624.1
110.040	011	Chlorobenzene	EPA 624.1
110.040	012	Chloroethane	EPA 624.1
110.040	013	2-Chloroethyl vinyl Ether	EPA 624.1
110.040	014	Chloroform	EPA 624.1
110.040	015	Chloromethane (Methyl Chloride)	EPA 624.1
110.040	016	Dibromochloromethane (Chlorodibromomethane)	EPA 624.1
110.040	017	1,2-Dichlorobenzene	EPA 624.1
110.040	018	1,3-Dichlorobenzene	EPA 624.1
110.040	019	1,4-Dichlorobenzene	EPA 624.1
110.040	020	1,1-Dichloroethane	EPA 624.1
110.040	021	1,2-Dichloroethane (Ethylene Dichloride)	EPA 624.1
110.040	022	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 624.1
110.040	024	1,2-Dichloropropane	EPA 624.1
110.040	025	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 624.1
110.040	026	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 624.1
110.040	029	Ethylbenzene	EPA 624.1
110.040	031	Methylene Chloride (Dichloromethane)	EPA 624.1
110.040	032	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 624.1

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
 Customers: Please verify the current accreditation standing with the State.

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McC Campbell Analytical, Inc.

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Expiration Date: 11/2/2025

110.040	034	1,1,2,2-Tetrachloroethane	EPA 624.1
110.040	035	Tetrachloroethylene (Tetrachloroethene)	EPA 624.1
110.040	037	Toluene	EPA 624.1
110.040	038	1,1,1-Trichloroethane	EPA 624.1
110.040	039	1,1,2-Trichloroethane	EPA 624.1
110.040	040	Trichloroethylene (Trichloroethene)	EPA 624.1
110.040	041	Vinyl Chloride	EPA 624.1
110.040	043	o-Xylene	EPA 624.1
110.040	045	Trichlorofluoromethane	EPA 624.1
110.040	046	m+p-Xylene	EPA 624.1

Field of Accreditation: 111 - Semi-volatile Organic Constituents in Non-Potable Water

111.055	001	Aldrin	EPA 608.3
111.055	002	alpha-BHC	EPA 608.3
111.055	003	beta-BHC	EPA 608.3
111.055	004	delta-BHC	EPA 608.3
111.055	005	gamma-BHC (Lindane)	EPA 608.3
111.055	006	Chlordane	EPA 608.3
111.055	007	4,4'-DDD	EPA 608.3
111.055	008	4,4'-DDE	EPA 608.3
111.055	008	4,4'-DDE	EPA 608.3
111.055	009	4,4'-DDT	EPA 608.3
111.055	010	Dieldrin	EPA 608.3
111.055	011	Endosulfan I	EPA 608.3
111.055	012	Endosulfan II	EPA 608.3
111.055	013	Endosulfan Sulfate	EPA 608.3
111.055	014	Endrin	EPA 608.3
111.055	015	Endrin Aldehyde	EPA 608.3
111.055	016	Heptachlor	EPA 608.3
111.055	017	Heptachlor Epoxide	EPA 608.3
111.055	019	PCB-1016 (Aroclor-1016)	EPA 608.3
111.055	020	PCB-1221 (Aroclor-1221)	EPA 608.3
111.055	021	PCB-1232 (Aroclor-1232)	EPA 608.3
111.055	022	PCB-1242 (Aroclor-1242)	EPA 608.3
111.055	023	PCB-1248 (Aroclor-1248)	EPA 608.3
111.055	024	PCB-1254 (Aroclor-1254)	EPA 608.3
111.055	025	PCB-1260 (Aroclor-1260)	EPA 608.3
111.055	046	Methoxychlor	EPA 608.3
111.055	060	Toxaphene	EPA 608.3
111.070	001	Acenaphthene	EPA 610
111.070	002	Acenaphthylene	EPA 610
111.070	003	Anthracene	EPA 610
111.070	004	Benzo(a)anthracene	EPA 610

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

111.070	005	Benzo(a)pyrene	EPA 610
111.070	006	Benzo(b)fluoranthene	EPA 610
111.070	007	Benzo(g,h,i)perylene	EPA 610
111.070	008	Benzo(k)fluoranthene	EPA 610
111.070	009	Chrysene	EPA 610
111.070	010	Dibenz(a,h)anthracene	EPA 610
111.070	011	Fluoranthene	EPA 610
111.070	012	Fluorene	EPA 610
111.070	013	Indeno(1,2,3-c,d)pyrene	EPA 610
111.070	014	Naphthalene	EPA 610
111.070	015	Phenanthrene	EPA 610
111.070	016	Pyrene	EPA 610
111.110	001	Azinphos Methyl	EPA 614
111.110	004	Diazinon	EPA 614
111.110	005	Disulfoton	EPA 614
111.110	006	Ethion	EPA 614
111.110	007	Malathion	EPA 614
111.110	008	Parathion Ethyl	EPA 614
111.110	009	Parathion Methyl	EPA 614
111.160	001	Acenaphthene	EPA 625.1
111.160	002	Acenaphthylene	EPA 625.1
111.160	003	Anthracene	EPA 625.1
111.160	004	Benzidine	EPA 625.1
111.160	005	Benzo(a)anthracene	EPA 625.1
111.160	006	Benzo(a)pyrene	EPA 625.1
111.160	007	Benzo(b)fluoranthene	EPA 625.1
111.160	008	Benzo(g,h,i)perylene	EPA 625.1
111.160	009	Benzo(k)fluoranthene	EPA 625.1
111.160	010	Bis(2-chloroethoxy) Methane	EPA 625.1
111.160	011	Bis(2-chloroethyl) Ether	EPA 625.1
111.160	012	bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane])	EPA 625.1
111.160	013	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 625.1
111.160	014	4-Bromophenyl Phenyl Ether	EPA 625.1
111.160	015	Butyl Benzyl Phthalate	EPA 625.1
111.160	016	2-Chloronaphthalene	EPA 625.1
111.160	017	4-Chlorophenyl Phenyl Ether	EPA 625.1
111.160	018	Chrysene	EPA 625.1
111.160	019	Dibenz(a,h)anthracene	EPA 625.1
111.160	020	3,3'-Dichlorobenzidine	EPA 625.1
111.160	021	Diethyl Phthalate	EPA 625.1
111.160	022	Dimethyl Phthalate	EPA 625.1
111.160	023	Di-n-butyl Phthalate	EPA 625.1

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

111.160	024	2,4-Dinitrotoluene	EPA 625.1
111.160	025	2,6-Dinitrotoluene	EPA 625.1
111.160	026	Di-n-octyl Phthalate	EPA 625.1
111.160	027	Fluoranthene	EPA 625.1
111.160	028	Fluorene	EPA 625.1
111.160	029	Hexachlorobenzene	EPA 625.1
111.160	030	Hexachlorobutadiene	EPA 625.1
111.160	031	Hexachloroethane	EPA 625.1
111.160	032	Indeno(1,2,3-c,d)pyrene	EPA 625.1
111.160	033	Isophorone	EPA 625.1
111.160	034	Naphthalene	EPA 625.1
111.160	035	Nitrobenzene	EPA 625.1
111.160	036	N-nitroso-di-n-propylamine (NDPA)	EPA 625.1
111.160	037	Phenanthrene	EPA 625.1
111.160	038	Pyrene	EPA 625.1
111.160	039	1,2,4-Trichlorobenzene	EPA 625.1
111.160	040	4-Chloro-3-methylphenol	EPA 625.1
111.160	041	2-Chlorophenol	EPA 625.1
111.160	042	2,4-Dichlorophenol	EPA 625.1
111.160	043	2,4-Dimethylphenol	EPA 625.1
111.160	044	2,4-Dinitrophenol	EPA 625.1
111.160	045	2-Methyl-4,6-dinitrophenol	EPA 625.1
111.160	046	2-Nitrophenol	EPA 625.1
111.160	047	4-Nitrophenol	EPA 625.1
111.160	048	Pentachlorophenol	EPA 625.1
111.160	049	Phenol	EPA 625.1
111.160	050	2,4,6-Trichlorophenol	EPA 625.1
111.160	056	Azinphos Methyl	EPA 625.1
111.160	073	Chlorpyrifos	EPA 625.1
111.160	081	Diazinon	EPA 625.1
111.160	082	Dichlorvos (DDVP)	EPA 625.1
111.160	085	Disulfoton	EPA 625.1
111.160	091	Ethion	EPA 625.1
111.160	092	Ethoprop	EPA 625.1
111.160	098	Hexachlorocyclopentadiene	EPA 625.1
111.160	100	Malathion	EPA 625.1
111.160	110	N-nitrosodiphenylamine	EPA 625.1
111.160	112	Parathion Methyl	EPA 625.1
111.160	130	Stirophos (Tetrachlorovinphos)	EPA 625.1
111.160	140	Carbazole	EPA 625.1
111.160	141	o-Cresol	EPA 625.1
111.160	145	Pyridine	EPA 625.1

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

111.160	147	m+p-Cresol	EPA 625.1
111.160	148	2-Methylnaphthalene	EPA 625.1
111.160	901	Bifenthrin	EPA 625.1
111.160	902	Cyfluthrin	EPA 625.1
111.160	903	Cypermethrin	EPA 625.1
111.160	904	Esfenvalerate	EPA 625.1
111.160	905	Lambda-Cyhalothrin	EPA 625.1
111.160	906	Permethrin (total)	EPA 625.1
111.250	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613 B
111.250	002	Total Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 1613 B
111.250	003	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 1613 B
111.250	004	Total Tetrachlorodibenzofuran (TCDF)	EPA 1613 B
111.250	005	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 1613 B
111.250	006	Total Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 1613 B
111.250	007	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613 B
111.250	008	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 1613 B
111.250	009	Total Pentachlorodibenzofuran (PeCDF)	EPA 1613 B
111.250	010	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B
111.250	011	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B
111.250	012	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B
111.250	013	Total Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 1613 B
111.250	014	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B
111.250	015	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B
111.250	016	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B
111.250	017	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 1613 B
111.250	018	Total Hexachlorodibenzofuran (HxCDF)	EPA 1613 B
111.250	019	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 1613 B
111.250	020	Total Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 1613 B
111.250	021	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 1613 B
111.250	022	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 1613 B
111.250	023	Total Heptachlorodibenzofuran (HpCDF)	EPA 1613 B
111.250	024	OCDD	EPA 1613 B
111.250	025	OCDF	EPA 1613 B
111.265	001	Perfluorobutanoic Acid (PFBA)	EPA 1633
111.265	002	Perfluoropentanoic Acid (PFPeA)	EPA 1633
111.265	003	Perfluorohexanoic Acid (PFHxA)	EPA 1633
111.265	004	Perfluoroheptanoic Acid (PFHpA)	EPA 1633
111.265	005	Perfluorooctanoic Acid (PFOA)	EPA 1633
111.265	006	Perfluorononanoic Acid (PFNA)	EPA 1633
111.265	007	Perfluorodecanoic Acid (PFDA)	EPA 1633
111.265	008	Perfluoroundecanoic Acid (PFUnDA)	EPA 1633
111.265	009	Perfluorododecanoic Acid (PFDoA)	EPA 1633

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

111.265	010	Perfluorotridecanoic Acid (PFTTrDA)	EPA 1633
111.265	011	Perfluorotetradecanoic Acid (PFTeDA)	EPA 1633
111.265	012	Perfluorobutane Sulfonic Acid (PFBS)	EPA 1633
111.265	013	Perfluoropentane Sulfonic Acid (PFPeS)	EPA 1633
111.265	014	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 1633
111.265	015	Perfluoroheptane Sulfonic Acid (PFHpS)	EPA 1633
111.265	016	Perfluorooctane Sulfonic Acid (PFOS)	EPA 1633
111.265	017	Perfluorononane Sulfonic Acid (PFNS)	EPA 1633
111.265	018	Perfluorodecane Sulfonic Acid (PFDS)	EPA 1633
111.265	019	Perfluorododecanesulfonic acid (PFDoS)	EPA 1633
111.265	020	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	EPA 1633
111.265	021	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	EPA 1633
111.265	022	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	EPA 1633
111.265	023	Perfluorooctane Sulfonamide (PFOSAm)	EPA 1633
111.265	024	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	EPA 1633
111.265	025	N-Ethylperfluorooctane Sulfonamide (EtFOSAm)	EPA 1633
111.265	026	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	EPA 1633
111.265	027	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 1633
111.265	028	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	EPA 1633
111.265	029	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	EPA 1633
111.265	030	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 1633
111.265	031	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 1633
111.265	032	Perfluoro-3-methoxypropanoic acid (PFMPA)	EPA 1633
111.265	033	Perfluoro-4-methoxybutanoic acid (PFMBA)	EPA 1633
111.265	034	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	EPA 1633
111.265	035	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	EPA 1633
111.265	036	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	EPA 1633
111.265	037	Perfluoro(2-ethoxyethane) sulfonic acid (PFEEESA)	EPA 1633
111.265	038	2H,2H,3H,3H-Perfluorohexanoic Acid (3:3 FTCA)	EPA 1633
111.265	039	2H,2H,3H,3H-Perfluorooctanoic Acid (5:3 FTCA)	EPA 1633
111.265	040	2H,2H,3H,3H-Perfluorodecanoic Acid (7:3 FTCA)	EPA 1633
111.265	041	Perfluorohexadecanoic Acid (PFHxDA)	EPA 1633
111.345	028	N-Ethylperfluorooctane Sulfonamido Ethanol (EtFOSE)	DoD QSM Version 5.1 (or newer)
111.345	031	N-Methylperfluorooctane Sulfonamide (NMeFOSA)	DoD QSM Version 5.1 (or newer)
111.345	032	N-Methylperfluorooctane Sulfonamido Ethanol (NMeFOSE)	DoD QSM Version 5.1 (or newer)
111.345	033	Perfluorohexadecanoic Acid (PFHxDA)	DoD QSM Version 5.1 (or newer)
111.345	035	Perfluorooctadecanoic Acid (PFODA)	DoD QSM Version 5.1 (or newer)

Field of Accreditation: 113 - Environmental Toxicity Methods

113.010	001	Fathead Minnow (P. promelas)	Polisini & Miller (CDFG 1988)
113.011	001A	Fathead Minnow (P. promelas)	EPA 2000.0, Static
113.011	001B	Fathead Minnow (P. promelas)	EPA 2000.0, Static Renewal
113.011	001C	Fathead Minnow (P. promelas)	EPA 2000.0, Continuous Flow

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

113.012	011A	Daphnid (C. dubia)	EPA 2002.0, Static
113.012	011B	Daphnid (C. dubia)	EPA 2002.0, Static Renewal
113.013	003A	Rainbow trout (O. mykiss)	EPA 2019.0, Static
113.013	003B	Rainbow trout (O. mykiss)	EPA 2019.0, Static Renewal
113.013	003C	Rainbow trout (O. mykiss)	EPA 2019.0, Continuous Flow
113.014	012A	Daphnids (Daphnia spp.)	EPA 2021.0, Static
113.014	012B	Daphnids (Daphnia spp.)	EPA 2021.0, Static Renewal
113.015	008A	Midge (C. tentans)	EPA-821-R-02-012, Static
113.015	008B	Midge (C. tentans)	EPA-821-R-02-012, Static Renewal
113.015	017A	Amphipod (Hyalalella spp.)	EPA-821-R-02-012, Static
113.015	017B	Amphipod (Hyalalella spp.)	EPA-821-R-02-012, Static Renewal
113.020	002A	Sheepshead minnow (C. variegatus)	EPA 2004.0, Static
113.020	002B	Sheepshead minnow (C. variegatus)	EPA 2004.0, Static Renewal
113.020	002C	Sheepshead minnow (C. variegatus)	EPA 2004.0, Continuous Flow
113.021	006A	Silverside (Menidia spp.)	EPA 2006.0, Static
113.021	006B	Silverside (Menidia spp.)	EPA 2006.0, Static Renewal
113.021	006C	Silverside (Menidia spp.)	EPA 2006.0, Continuous Flow
113.022	009A	Mysid (M. bahia)	EPA 2007.0, Static
113.022	009B	Mysid (M. bahia)	EPA 2007.0, Static Renewal
113.022	009C	Mysid (M. bahia)	EPA 2007.0, Continuous Flow
113.023	007A	Topsmelt (A. affinis)	EPA-821-R-02-012, Static
113.023	007B	Topsmelt (A. affinis)	EPA-821-R-02-012, Static Renewal
113.023	007C	Topsmelt (A. affinis)	EPA-821-R-02-012, Continuous Flow
113.030	001	Fathead Minnow (P. promelas)	EPA 1000.0
113.032	011	Daphnid (C. dubia)	EPA 1002.0
113.033	025	Green algae (S. capricornutum)	EPA 1003.0
113.034	025	Green algae (S. capricornutum)	ASTM E1218-04
113.040	002	Sheepshead minnow (C. variegatus)	EPA 1004.0
113.042	006	Silverside (Menidia spp.)	EPA 1006.0
113.043	009	Mysid (M. bahia)	EPA 1007.0
113.045	007	Topsmelt (A. affinis)	EPA 600/R-95/136
113.045	019A	Sand dollar (D. excentricus)	EPA 600/R-95/136, Fertilization Test
113.045	019B	Sand dollar (D. excentricus)	EPA 600/R-95/136, Development Test
113.045	021A	Purple sea urchin (S. purpuratus)	EPA 600/R-95/136, Fertilization Test
113.045	021B	Purple sea urchin (S. purpuratus)	EPA 600/R-95/136, Development Test
113.045	023	Mussels (Mytilus spp.)	EPA 600/R-95/136
113.045	024	Giant Kelp (M. pyrifera)	EPA 600/R-95/136
113.046	026	Diatom (T. pseudonana)	ASTM E1218-04
113.050	013	Amphipod (H. azteca)	EPA 600/R-99/064, EPA 100.1
113.051	008	Midge (C. tentans)	EPA 600/R-99/064, EPA 100.2
113.060	014	Amphipod (E. estuarius)	EPA 600/R-94/025, EPA 100.4
113.060	015	Amphipod (L. plumulosus)	EPA 600/R-94/025, EPA 100.4

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

113.060	016	Amphipod (R. abronius)	EPA 600/R-94/025, EPA 100.4
113.060	028	Amphipod (A. abdita)	EPA 600/R-94/025, EPA 100.4

Field of Accreditation: 114 - Inorganic Constituents in Hazardous Waste

114.315	001	Aluminum	EPA 6010 B
114.315	002	Antimony	EPA 6010 B
114.315	003	Arsenic	EPA 6010 B
114.315	004	Barium	EPA 6010 B
114.315	005	Beryllium	EPA 6010 B
114.315	006	Boron	EPA 6010 B
114.315	007	Cadmium	EPA 6010 B
114.315	008	Calcium	EPA 6010 B
114.315	009	Chromium	EPA 6010 B
114.315	010	Cobalt	EPA 6010 B
114.315	011	Copper	EPA 6010 B
114.315	012	Iron	EPA 6010 B
114.315	013	Lead	EPA 6010 B
114.315	014	Magnesium	EPA 6010 B
114.315	015	Manganese	EPA 6010 B
114.315	016	Molybdenum	EPA 6010 B
114.315	017	Nickel	EPA 6010 B
114.315	018	Potassium	EPA 6010 B
114.315	019	Selenium	EPA 6010 B
114.315	020	Silver	EPA 6010 B
114.315	021	Sodium	EPA 6010 B
114.315	022	Strontium	EPA 6010 B
114.315	023	Thallium	EPA 6010 B
114.315	026	Vanadium	EPA 6010 B
114.315	027	Zinc	EPA 6010 B
114.345	001	Aluminum	EPA 6020 B
114.345	002	Antimony	EPA 6020 B
114.345	003	Arsenic	EPA 6020 B
114.345	004	Barium	EPA 6020 B
114.345	005	Beryllium	EPA 6020 B
114.345	006	Cadmium	EPA 6020 B
114.345	007	Calcium	EPA 6020 B
114.345	008	Chromium	EPA 6020 B
114.345	009	Cobalt	EPA 6020 B
114.345	010	Copper	EPA 6020 B
114.345	011	Iron	EPA 6020 B
114.345	012	Lead	EPA 6020 B
114.345	013	Magnesium	EPA 6020 B
114.345	014	Manganese	EPA 6020 B

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ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

114.345	015	Mercury	EPA 6020 B
114.345	016	Nickel	EPA 6020 B
114.345	017	Potassium	EPA 6020 B
114.345	018	Selenium	EPA 6020 B
114.345	019	Silver	EPA 6020 B
114.345	020	Sodium	EPA 6020 B
114.345	021	Thallium	EPA 6020 B
114.345	022	Vanadium	EPA 6020 B
114.345	023	Zinc	EPA 6020 B
114.345	024	Molybdenum	EPA 6020 B
114.465	001	Chromium VI (Hexavalent Chromium)	EPA 7199
114.545	001	Mercury	EPA 7471 B
114.765	001	Organic Carbon-Total (TOC)	EPA 9060 A
114.805	001	Oil & Grease (n-Hexane Extractable Materials)	EPA 9071 B

Field of Accreditation: 115 - Leaching/Extraction Tests and Physical Characteristics of Hazardous Waste

115.055	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II
115.085	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
115.095	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312
115.105	001	Ignitability	EPA 1030
115.145	001	Corrosivity - pH Determination	EPA 9045 D

Field of Accreditation: 116 - Volatile Organic Compounds in Hazardous Waste

116.220	001	Gasoline Range Organics (GRO)	EPA 8015 B
116.225	001	Benzene	EPA 8021 B
116.225	017	Ethylbenzene	EPA 8021 B
116.225	023	Toluene	EPA 8021 B
116.225	028	m+p-Xylene	EPA 8021 B
116.225	029	o-Xylene	EPA 8021 B
116.275	001	Benzene	EPA 8260 D
116.275	002	Bromobenzene	EPA 8260 D
116.275	003	Bromochloromethane	EPA 8260 D
116.275	004	Bromodichloromethane	EPA 8260 D
116.275	005	Bromoform	EPA 8260 D
116.275	006	Bromomethane (Methyl Bromide)	EPA 8260 D
116.275	007	n-Butylbenzene	EPA 8260 D
116.275	008	sec-Butylbenzene	EPA 8260 D
116.275	009	tert-Butylbenzene	EPA 8260 D
116.275	010	Carbon Disulfide	EPA 8260 D
116.275	011	Carbon Tetrachloride	EPA 8260 D
116.275	012	Chlorobenzene	EPA 8260 D
116.275	013	Chlorodibromomethane (Dibromochloromethane)	EPA 8260 D
116.275	014	Chloroethane	EPA 8260 D
116.275	015	Chloroform	EPA 8260 D

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644
Expiration Date: 11/2/2025

116.275	016	Chloromethane (Methyl Chloride)	EPA 8260 D
116.275	017	Dibromomethane	EPA 8260 D
116.275	019	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 8260 D
116.275	020	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 8260 D
116.275	021	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 8260 D
116.275	022	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 8260 D
116.275	023	Ethylbenzene	EPA 8260 D
116.275	024	Hexachlorobutadiene	EPA 8260 D
116.275	025	Methyl tert-butyl Ether (MTBE)	EPA 8260 D
116.275	026	Methylene Chloride (Dichloromethane)	EPA 8260 D
116.275	027	Naphthalene	EPA 8260 D
116.275	029	N-propylbenzene	EPA 8260 D
116.275	030	Styrene	EPA 8260 D
116.275	031	Tetrachloroethylene (Tetrachloroethene)	EPA 8260 D
116.275	032	Toluene	EPA 8260 D
116.275	033	Trichloroethylene (Trichloroethene)	EPA 8260 D
116.275	034	Trichlorofluoromethane	EPA 8260 D
116.275	035	Vinyl Chloride	EPA 8260 D
116.275	036	m+p-Xylene	EPA 8260 D
116.275	040	1,1-Dichloroethane	EPA 8260 D
116.275	041	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 8260 D
116.275	042	1,1,1-Trichloroethane	EPA 8260 D
116.275	043	1,1,1,2-Tetrachloroethane	EPA 8260 D
116.275	044	1,1,2,2-Tetrachloroethane	EPA 8260 D
116.275	045	1,1,2-Trichloroethane	EPA 8260 D
116.275	046	1,2-Dichlorobenzene	EPA 8260 D
116.275	047	1,2-Dichloroethane (Ethylene Dichloride)	EPA 8260 D
116.275	048	1,2-Dibromoethane (EDB)	EPA 8260 D
116.275	049	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260 D
116.275	050	1,2-Dichloropropane	EPA 8260 D
116.275	051	1,2,3-Trichloropropane (TCP)	EPA 8260 D
116.275	052	1,2,4-Trichlorobenzene	EPA 8260 D
116.275	053	1,3-Dichlorobenzene	EPA 8260 D
116.275	054	1,4-Dichlorobenzene	EPA 8260 D
116.275	055	2-Chloroethyl vinyl Ether	EPA 8260 D
116.275	056	4-Chlorotoluene	EPA 8260 D
116.275	057	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 8260 D
116.275	058	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 D
116.275	059	Diisopropyl ether (DIPE)	EPA 8260 D
116.275	060	1,4-Dioxane	EPA 8260 D
116.275	061	Ethyl tert-butyl Ether (ETBE)	EPA 8260 D
116.275	062	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 D

As of 1/17/2025 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

Field of Accreditation: 117 - Semi-volatile Organic Chemistry of Hazardous Waste			
117.235	002	Diesel Range Organics (DRO)	EPA 8015 B
117.235	003	Diesel Range Organics (DRO) [LUFT Range]	EPA 8015 B
117.325	001	Aldrin	EPA 8081 B
117.325	002	alpha-BHC	EPA 8081 B
117.325	003	beta-BHC	EPA 8081 B
117.325	004	delta-BHC	EPA 8081 B
117.325	005	gamma-BHC (Lindane)	EPA 8081 B
117.325	006	Chlordane (total)	EPA 8081 B
117.325	008	4,4'-DDD	EPA 8081 B
117.325	009	4,4'-DDE	EPA 8081 B
117.325	010	4,4'-DDT	EPA 8081 B
117.325	011	Dieldrin	EPA 8081 B
117.325	012	Endosulfan I	EPA 8081 B
117.325	013	Endosulfan II	EPA 8081 B
117.325	014	Endosulfan Sulfate	EPA 8081 B
117.325	015	Endrin	EPA 8081 B
117.325	016	Endrin Aldehyde	EPA 8081 B
117.325	017	Endrin Ketone	EPA 8081 B
117.325	018	Heptachlor	EPA 8081 B
117.325	019	Heptachlor Epoxide	EPA 8081 B
117.325	020	Methoxychlor	EPA 8081 B
117.325	021	Toxaphene	EPA 8081 B
117.345	001	Aroclor 1016	EPA 8082 A
117.345	002	Aroclor 1221	EPA 8082 A
117.345	003	Aroclor 1232	EPA 8082 A
117.345	004	Aroclor 1242	EPA 8082 A
117.345	005	Aroclor 1248	EPA 8082 A
117.345	006	Aroclor 1254	EPA 8082 A
117.345	007	Aroclor 1260	EPA 8082 A
117.425	001	2,4-D	EPA 8151 A
117.425	002	2,4-DB	EPA 8151 A
117.425	003	2,4,5-TP (Silvex)	EPA 8151 A
117.425	004	2,4,5-T	EPA 8151 A
117.425	005	Dalapon	EPA 8151 A
117.425	006	Dicamba	EPA 8151 A
117.425	007	Dichloroprop	EPA 8151 A
117.425	008	Dinoseb	EPA 8151 A
117.425	009	MCPA	EPA 8151 A
117.425	010	MCPP	EPA 8151 A
117.425	011	4-Nitrophenol	EPA 8151 A
117.425	012	Pentachlorophenol	EPA 8151 A

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644
Expiration Date: 11/2/2025

117.435	089	N-nitrosodiphenylamine	EPA 8270 C
117.445	001	Acenaphthene	EPA 8270 E
117.445	002	Acenaphthylene	EPA 8270 E
117.445	004	Anthracene	EPA 8270 E
117.445	005	Benzidine	EPA 8270 E
117.445	007	Benzo(a)anthracene	EPA 8270 E
117.445	008	Benzo(b)fluoranthene	EPA 8270 E
117.445	009	Benzo(k)fluoranthene	EPA 8270 E
117.445	010	Benzo(g,h,i)perylene	EPA 8270 E
117.445	011	Benzo(a)pyrene	EPA 8270 E
117.445	012	Benzyl Alcohol	EPA 8270 E
117.445	013	Bis(2-chloroethoxy) Methane	EPA 8270 E
117.445	014	Bis(2-chloroethyl) Ether	EPA 8270 E
117.445	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 E
117.445	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 E
117.445	016	Butyl Benzyl Phthalate	EPA 8270 E
117.445	017	Chrysene	EPA 8270 E
117.445	018	Dibenz(a,h)anthracene	EPA 8270 E
117.445	019	Dibenzofuran	EPA 8270 E
117.445	020	Di-n-butyl Phthalate	EPA 8270 E
117.445	021	Diethyl Phthalate	EPA 8270 E
117.445	022	Dimethyl Phthalate	EPA 8270 E
117.445	023	Di-n-octyl Phthalate	EPA 8270 E
117.445	024	Fluoranthene	EPA 8270 E
117.445	025	Fluorene	EPA 8270 E
117.445	026	Naphthalene	EPA 8270 E
117.445	027	Nitrobenzene	EPA 8270 E
117.445	028	Pentachlorobenzene	EPA 8270 E
117.445	029	Pentachlorophenol	EPA 8270 E
117.445	031	1,2-Dichlorobenzene	EPA 8270 E
117.445	032	1,3-Dichlorobenzene	EPA 8270 E
117.445	033	1,4-Dichlorobenzene	EPA 8270 E
117.445	034	2-Chloronaphthalene	EPA 8270 E
117.445	035	2-Chlorophenol	EPA 8270 E
117.445	036	2,4-Dichlorophenol	EPA 8270 E
117.445	037	2,4-Dimethylphenol	EPA 8270 E
117.445	038	2,4-Dinitrophenol	EPA 8270 E
117.445	039	2,4-Dinitrotoluene	EPA 8270 E
117.445	040	2,6-Dichlorophenol	EPA 8270 E
117.445	041	2,6-Dinitrotoluene	EPA 8270 E
117.445	042	2-Nitroaniline	EPA 8270 E
117.445	043	2-Nitrophenol	EPA 8270 E

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

117.445	044	3-Nitroaniline	EPA 8270 E
117.445	045	3,3'-Dichlorobenzidine	EPA 8270 E
117.445	046	4-Chloroaniline	EPA 8270 E
117.445	047	4-Chloro-3-methylphenol	EPA 8270 E
117.445	048	4-Bromophenyl Phenyl Ether	EPA 8270 E
117.445	049	4-Chlorophenyl Phenyl Ether	EPA 8270 E
117.445	050	4-Nitroaniline	EPA 8270 E
117.445	051	4-Nitrophenol	EPA 8270 E
117.445	088	N-nitrosodimethylamine (NDMA)	EPA 8270 E
117.445	089	N-nitrosodiphenylamine	EPA 8270 E
117.445	090	N-nitroso-di-n-propylamine (NDPA)	EPA 8270 E
117.445	091	Indeno(1,2,3-c,d)pyrene	EPA 8270 E
117.445	092	Isophorone	EPA 8270 E
117.445	093	2-Methylnaphthalene	EPA 8270 E
117.445	094	Phenanthrene	EPA 8270 E
117.470	001	2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290
117.470	002	1,2,3,7,8-Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 8290
117.470	003	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290
117.470	004	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290
117.470	005	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290
117.470	006	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290
117.470	007	1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	EPA 8290
117.470	008	2,3,7,8-Tetrachlorodibenzofuran (TCDF)	EPA 8290
117.470	009	1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290
117.470	010	2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	EPA 8290
117.470	011	1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290
117.470	012	1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290
117.470	013	1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	EPA 8290
117.470	014	2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	EPA 8290
117.470	015	1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	EPA 8290
117.470	016	1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	EPA 8290
117.470	017	1,2,3,4,6,7,8,9-Octachlorodibenzofuran (OCDF)	EPA 8290
117.470	018	Total Tetrachlorodibenzo-p-dioxin (TCDD)	EPA 8290
117.470	019	Total Pentachlorodibenzo-p-dioxin (PeCDD)	EPA 8290
117.470	020	Total Hexachlorodibenzo-p-dioxin (HxCDD)	EPA 8290
117.470	021	Total Heptachlorodibenzo-p-dioxin (HpCDD)	EPA 8290
117.470	022	Total Tetrachlorodibenzofuran (TCDF)	EPA 8290
117.470	023	Total Pentachlorodibenzofuran (PeCDF)	EPA 8290
117.470	024	Total Hexachlorodibenzofuran (HxCDF)	EPA 8290
117.470	025	Total Heptachlorodibenzofuran (HpCDF)	EPA 8290
117.475	001	Acenaphthene	EPA 8310
117.475	002	Acenaphthylene	EPA 8310

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644
Expiration Date: 11/2/2025

117.475	003	Anthracene	EPA 8310
117.475	004	Benzo(a)anthracene	EPA 8310
117.475	005	Benzo(a)pyrene	EPA 8310
117.475	006	Benzo(b)fluoranthene	EPA 8310
117.475	007	Benzo(g,h,i)perylene	EPA 8310
117.475	008	Benzo(k)fluoranthene	EPA 8310
117.475	009	Chrysene	EPA 8310
117.475	010	Dibenz(a,h)anthracene	EPA 8310
117.475	011	Fluoranthene	EPA 8310
117.475	012	Fluorene	EPA 8310
117.475	013	Indeno(1,2,3-c,d)pyrene	EPA 8310
117.475	014	Naphthalene	EPA 8310
117.475	015	Phenanthrene	EPA 8310
117.475	016	Pyrene	EPA 8310
117.485	005	Butanal (Butyraldehyde)	EPA 8315 A
117.485	006	Crotonaldehyde	EPA 8315 A
117.485	008	Decanal	EPA 8315 A
117.485	010	Formaldehyde	EPA 8315 A
117.485	011	Heptanal	EPA 8315 A
117.485	012	Hexanal (Hexaldehyde)	EPA 8315 A
117.485	014	Nonanal	EPA 8315 A
117.485	015	Octanal	EPA 8315 A
117.485	016	Pentanal (Valeraldehyde)	EPA 8315 A
117.485	017	Propanal (Propionaldehyde)	EPA 8315 A
117.495	001	Aldicarb (Temik)	EPA 8318
117.495	002	Aldicarb Sulfone	EPA 8318
117.495	003	Carbaryl (Sevin)	EPA 8318
117.495	004	Carbofuran (Furadan)	EPA 8318
117.495	006	3-Hydroxycarbofuran	EPA 8318
117.495	007	Methiocarb (Mesurol)	EPA 8318
117.495	008	Methomyl (Lannate)	EPA 8318
117.495	009	Oxamyl	EPA 8318
117.495	011	Propoxur (Baygon)	EPA 8318
117.545	001	1,3,5-Trinitrobenzene	EPA 8330 A
117.545	002	1,3-Dinitrobenzene	EPA 8330 A
117.545	003	Nitrobenzene	EPA 8330 A
117.545	004	2,4,6-Trinitrotoluene	EPA 8330 A
117.545	005	2,4-Dinitrotoluene	EPA 8330 A
117.545	006	2,6-Dinitrotoluene	EPA 8330 A
117.545	007	2-Nitrotoluene	EPA 8330 A
117.545	008	3-Nitrotoluene	EPA 8330 A
117.545	009	4-Nitrotoluene	EPA 8330 A

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

117.575	002	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	DoD QSM Version 5.1 (or newer)
117.575	004	4:2 Fluorotelomer Sulfonic Acid (4:2 FTS)	DoD QSM Version 5.1 (or newer)
117.575	005	6:2 Fluorotelomer Sulfonic Acid (6:2 FTS)	DoD QSM Version 5.1 (or newer)
117.575	006	8:2 Fluorotelomer Sulfonic Acid (8:2 FTS)	DoD QSM Version 5.1 (or newer)
117.575	007	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	DoD QSM Version 5.1 (or newer)
117.575	008	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	DoD QSM Version 5.1 (or newer)
117.575	009	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	DoD QSM Version 5.1 (or newer)
117.575	011	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOSAA)	DoD QSM Version 5.1 (or newer)
117.575	013	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	DoD QSM Version 5.1 (or newer)
117.575	014	Perfluorobutanoic Acid (PFBA)	DoD QSM Version 5.1 (or newer)
117.575	015	Perfluorobutane Sulfonic Acid (PFBS)	DoD QSM Version 5.1 (or newer)
117.575	016	Perfluorodecanoic Acid (PFDA)	DoD QSM Version 5.1 (or newer)
117.575	017	Perfluorododecanoic Acid (PFDoA)	DoD QSM Version 5.1 (or newer)
117.575	018	Perfluorodecane Sulfonic Acid (PFDS)	DoD QSM Version 5.1 (or newer)
117.575	019	Perfluoroheptanoic Acid (PFHpA)	DoD QSM Version 5.1 (or newer)
117.575	020	Perfluoroheptane Sulfonic Acid (PFHpS)	DoD QSM Version 5.1 (or newer)
117.575	021	Perfluorohexane Sulfonic Acid (PFHxS)	DoD QSM Version 5.1 (or newer)
117.575	022	Perfluorohexanoic Acid (PFHxA)	DoD QSM Version 5.1 (or newer)
117.575	023	Perfluorononanoic Acid (PFNA)	DoD QSM Version 5.1 (or newer)
117.575	024	Perfluorooctanoic Acid (PFOA)	DoD QSM Version 5.1 (or newer)
117.575	025	Perfluorooctane Sulfonic Acid (PFOS)	DoD QSM Version 5.1 (or newer)
117.575	026	Perfluorooctane Sulfonamide (PFOSAm)	DoD QSM Version 5.1 (or newer)
117.575	027	Perfluoropentanoic Acid (PFPeA)	DoD QSM Version 5.1 (or newer)
117.575	028	Perfluoropentane Sulfonic Acid (PFPeS)	DoD QSM Version 5.1 (or newer)
117.575	029	Perfluorotetradecanoic Acid (PFTeDA)	DoD QSM Version 5.1 (or newer)
117.575	030	Perfluorotridecanoic Acid (PFTrDA)	DoD QSM Version 5.1 (or newer)
117.575	031	Perfluoroundecanoic Acid (PFUnDA)	DoD QSM Version 5.1 (or newer)
117.575	033	Perfluorohexadecanoic Acid (PFHxDA)	DoD QSM Version 5.1 (or newer)
117.575	034	Perfluorononane Sulfonic Acid (PFNS)	DoD QSM Version 5.1 (or newer)
117.575	035	Perfluorooctadecanoic Acid (PFODA)	DoD QSM Version 5.1 (or newer)

Field of Accreditation:126 - Microbiological Methods for Ambient Water

126.102	001	Total Coliform (Enumeration)	SM 9221 B-2014
126.104	001	Fecal Coliform (Enumeration)	SM 9221 E-2014
126.106	001	E. coli (Enumeration)	SM 9221 F-2014
126.108	001	Total Coliform (Enumeration)	SM 9222 B-2015
126.110	001	Fecal Coliform (Enumeration)	SM 9222 D-2015
126.114	001	Fecal Streptococci	SM 9230 B-2013
126.118	001	Enterococci	SM 9230 D-2013 Enterolert
126.120	001	E. coli (Enumeration)	SM 9223 B-2016 Colilert

Field of Accreditation:130 - Inorganic constituents in Hazardous waste (Matrix Aqueous)

130.040	001	Aluminum	EPA 6020 B
130.040	002	Antimony	EPA 6020 B

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

130.040	003	Arsenic	EPA 6020 B
130.040	004	Barium	EPA 6020 B
130.040	005	Beryllium	EPA 6020 B
130.040	006	Cadmium	EPA 6020 B
130.040	007	Calcium	EPA 6020 B
130.040	008	Chromium	EPA 6020 B
130.040	009	Cobalt	EPA 6020 B
130.040	010	Copper	EPA 6020 B
130.040	011	Iron	EPA 6020 B
130.040	012	Lead	EPA 6020 B
130.040	013	Magnesium	EPA 6020 B
130.040	014	Manganese	EPA 6020 B
130.040	015	Mercury	EPA 6020 B
130.040	016	Nickel	EPA 6020 B
130.040	017	Potassium	EPA 6020 B
130.040	018	Selenium	EPA 6020 B
130.040	019	Silver	EPA 6020 B
130.040	020	Sodium	EPA 6020 B
130.040	021	Thallium	EPA 6020 B
130.040	022	Vanadium	EPA 6020 B
130.040	023	Zinc	EPA 6020 B
130.040	024	Molybdenum	EPA 6020 B
130.250	001	Mercury	EPA 7470 A
130.550	001	Total Chlorine	EPA 9075

Field of Accreditation: 131 - Leaching/Extraction, Physical Characteristics in Hazardous Waste (Matrix Aqueous)

131.010	001	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II
131.040	001	Toxicity Characteristic Leaching Procedure (TCLP)	EPA 1311
131.050	001	Synthetic Precipitation Leaching Procedure (SPLP)	EPA 1312
131.060	001	Ignitability	EPA 1010
131.110	001	Corrosivity - pH Determination	EPA 9040 B

Field of Accreditation: 132 - Volatile Organic Compounds in Hazardous Waste (Matrix Aqueous)

132.015	001	Gasoline Range Organics (GRO)	EPA 8015 B
132.020	001	Benzene	EPA 8021 B
132.020	017	Ethylbenzene	EPA 8021 B
132.020	023	Toluene	EPA 8021 B
132.020	028	m+p-Xylene	EPA 8021 B
132.020	029	o-Xylene	EPA 8021 B
132.070	001	Benzene	EPA 8260 D
132.070	002	Bromobenzene	EPA 8260 D
132.070	003	Bromochloromethane	EPA 8260 D
132.070	004	Bromodichloromethane	EPA 8260 D
132.070	005	Bromoform	EPA 8260 D

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644
Expiration Date: 11/2/2025

132.070	006	Bromomethane (Methyl Bromide)	EPA 8260 D
132.070	007	n-Butylbenzene	EPA 8260 D
132.070	008	sec-Butylbenzene	EPA 8260 D
132.070	009	tert-Butylbenzene	EPA 8260 D
132.070	010	Carbon Disulfide	EPA 8260 D
132.070	011	Carbon Tetrachloride	EPA 8260 D
132.070	012	Chlorobenzene	EPA 8260 D
132.070	013	Chlorodibromomethane (Dibromochloromethane)	EPA 8260 D
132.070	014	Chloroethane	EPA 8260 D
132.070	015	Chloroform	EPA 8260 D
132.070	016	Chloromethane (Methyl Chloride)	EPA 8260 D
132.070	017	Dibromomethane	EPA 8260 D
132.070	018	Dichlorodifluoromethane (Freon 12)	EPA 8260 D
132.070	019	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 8260 D
132.070	020	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 8260 D
132.070	021	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 8260 D
132.070	022	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 8260 D
132.070	023	Ethylbenzene	EPA 8260 D
132.070	024	Hexachlorobutadiene	EPA 8260 D
132.070	025	Methyl tert-butyl Ether (MTBE)	EPA 8260 D
132.070	026	Methylene Chloride (Dichloromethane)	EPA 8260 D
132.070	027	Naphthalene	EPA 8260 D
132.070	029	N-propylbenzene	EPA 8260 D
132.070	030	Styrene	EPA 8260 D
132.070	031	Tetrachloroethylene (Tetrachloroethene)	EPA 8260 D
132.070	032	Toluene	EPA 8260 D
132.070	033	Trichloroethylene (Trichloroethene)	EPA 8260 D
132.070	034	Trichlorofluoromethane	EPA 8260 D
132.070	035	Vinyl Chloride	EPA 8260 D
132.070	036	m+p-Xylene	EPA 8260 D
132.070	037	o-Xylene	EPA 8260 D
132.070	040	1,1-Dichloroethane	EPA 8260 D
132.070	041	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 8260 D
132.070	042	1,1,1-Trichloroethane	EPA 8260 D
132.070	043	1,1,1,2-Tetrachloroethane	EPA 8260 D
132.070	044	1,1,2,2-Tetrachloroethane	EPA 8260 D
132.070	045	1,1,2-Trichloroethane	EPA 8260 D
132.070	046	1,2-Dichlorobenzene	EPA 8260 D
132.070	047	1,2-Dichloroethane (Ethylene Dichloride)	EPA 8260 D
132.070	048	1,2-Dibromoethane (EDB)	EPA 8260 D
132.070	049	1,2-Dibromo-3-chloropropane (DBCP)	EPA 8260 D
132.070	050	1,2-Dichloropropane	EPA 8260 D

As of 1/17/2025 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644
Expiration Date: 11/2/2025

132.070	051	1,2,3-Trichloropropane (TCP)	EPA 8260 D
132.070	052	1,2,4-Trichlorobenzene	EPA 8260 D
132.070	053	1,3-Dichlorobenzene	EPA 8260 D
132.070	054	1,4-Dichlorobenzene	EPA 8260 D
132.070	055	2-Chloroethyl vinyl Ether	EPA 8260 D
132.070	056	4-Chlorotoluene	EPA 8260 D
132.070	057	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 8260 D
132.070	058	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 8260 D
132.070	059	Diisopropyl ether (DIPE)	EPA 8260 D
132.070	061	Ethyl tert-butyl Ether (ETBE)	EPA 8260 D
132.070	062	tert-Amyl Methyl Ether (TAME)	EPA 8260 D
Field of Accreditation: 133 - Semi-Volatile Organic Chemistry in Hazardous Waste (Matrix Aqueous)			
133.010	002	Diesel Range Organics (DRO)	EPA 8015 B
133.090	009	4,4'-DDE	EPA 8081 A
133.090	018	Heptachlor	EPA 8081 A
133.110	001	Aldrin	EPA 8081 B
133.110	002	alpha-BHC	EPA 8081 B
133.110	003	beta-BHC	EPA 8081 B
133.110	004	delta-BHC	EPA 8081 B
133.110	005	gamma-BHC (Lindane)	EPA 8081 B
133.110	006	Chlordane	EPA 8081 B
133.110	008	4,4'-DDD	EPA 8081 B
133.110	009	4,4'-DDE	EPA 8081 B
133.110	009	4,4'-DDE	EPA 8081 B
133.110	010	4,4'-DDT	EPA 8081 B
133.110	011	Dieldrin	EPA 8081 B
133.110	012	Endosulfan I	EPA 8081 B
133.110	013	Endosulfan II	EPA 8081 B
133.110	014	Endosulfan Sulfate	EPA 8081 B
133.110	015	Endrin	EPA 8081 B
133.110	016	Endrin Aldehyde	EPA 8081 B
133.110	017	Endrin Ketone	EPA 8081 B
133.110	018	Heptachlor	EPA 8081 B
133.110	018	Heptachlor	EPA 8081 B
133.110	019	Heptachlor Epoxide	EPA 8081 B
133.110	020	Methoxychlor	EPA 8081 B
133.110	021	Toxaphene	EPA 8081 B
133.130	001	Aroclor 1016	EPA 8082 A
133.130	002	Aroclor 1221	EPA 8082 A
133.130	003	Aroclor 1232	EPA 8082 A
133.130	004	Aroclor 1242	EPA 8082 A
133.130	005	Aroclor 1248	EPA 8082 A

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ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644
Expiration Date: 11/2/2025

133.130	006	Aroclor 1254	EPA 8082 A
133.130	007	Aroclor 1260	EPA 8082 A
133.220	001	2,4-D	EPA 8151 A
133.220	002	2,4-DB	EPA 8151 A
133.220	003	2,4,5-TP (Silvex)	EPA 8151 A
133.220	004	2,4,5-T	EPA 8151 A
133.220	005	Dalapon	EPA 8151 A
133.220	006	Dicamba	EPA 8151 A
133.220	007	Dichloroprop	EPA 8151 A
133.220	008	Dinoseb	EPA 8151 A
133.220	009	MCPA	EPA 8151 A
133.220	010	MCPP	EPA 8151 A
133.220	011	4-Nitrophenol	EPA 8151 A
133.220	012	Pentachlorophenol	EPA 8151 A
133.240	001	Acenaphthene	EPA 8270 E
133.240	002	Acenaphthylene	EPA 8270 E
133.240	003	Aniline	EPA 8270 E
133.240	004	Anthracene	EPA 8270 E
133.240	005	Benzidine	EPA 8270 E
133.240	007	Benzo(a)anthracene	EPA 8270 E
133.240	008	Benzo(b)fluoranthene	EPA 8270 E
133.240	009	Benzo(k)fluoranthene	EPA 8270 E
133.240	010	Benzo(g,h,i)perylene	EPA 8270 E
133.240	011	Benzo(a)pyrene	EPA 8270 E
133.240	012	Benzyl Alcohol	EPA 8270 E
133.240	013	Bis(2-chloroethoxy) Methane	EPA 8270 E
133.240	014	Bis(2-chloroethyl) Ether	EPA 8270 E
133.240	015	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 8270 E
133.240	016	Butyl Benzyl Phthalate	EPA 8270 E
133.240	017	Chrysene	EPA 8270 E
133.240	018	Dibenz(a,h)anthracene	EPA 8270 E
133.240	019	Dibenzofuran	EPA 8270 E
133.240	020	Di-n-butyl Phthalate	EPA 8270 E
133.240	021	Diethyl Phthalate	EPA 8270 E
133.240	022	Dimethyl Phthalate	EPA 8270 E
133.240	023	Di-n-octyl Phthalate	EPA 8270 E
133.240	024	Fluoranthene	EPA 8270 E
133.240	025	Fluorene	EPA 8270 E
133.240	026	Naphthalene	EPA 8270 E
133.240	027	Nitrobenzene	EPA 8270 E
133.240	029	Pentachlorophenol	EPA 8270 E
133.240	031	1,2-Dichlorobenzene	EPA 8270 E

As of 1/17/2025 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

McC Campbell Analytical, Inc.

Certificate Number: 1644

Expiration Date: 11/2/2025

133.240	032	1,3-Dichlorobenzene	EPA 8270 E
133.240	033	1,4-Dichlorobenzene	EPA 8270 E
133.240	034	2-Chloronaphthalene	EPA 8270 E
133.240	035	2-Chlorophenol	EPA 8270 E
133.240	036	2,4-Dichlorophenol	EPA 8270 E
133.240	037	2,4-Dimethylphenol	EPA 8270 E
133.240	038	2,4-Dinitrophenol	EPA 8270 E
133.240	039	2,4-Dinitrotoluene	EPA 8270 E
133.240	040	2,6-Dichlorophenol	EPA 8270 E
133.240	041	2,6-Dinitrotoluene	EPA 8270 E
133.240	042	2-Nitroaniline	EPA 8270 E
133.240	043	2-Nitrophenol	EPA 8270 E
133.240	044	3-Nitroaniline	EPA 8270 E
133.240	045	3,3'-Dichlorobenzidine	EPA 8270 E
133.240	046	4-Chloroaniline	EPA 8270 E
133.240	047	4-Chloro-3-methylphenol	EPA 8270 E
133.240	048	4-Bromophenyl Phenyl Ether	EPA 8270 E
133.240	049	4-Chlorophenyl Phenyl Ether	EPA 8270 E
133.240	050	4-Nitroaniline	EPA 8270 E
133.240	051	4-Nitrophenol	EPA 8270 E
133.240	088	N-nitrosodimethylamine (NDMA)	EPA 8270 E
133.240	089	N-nitrosodiphenylamine	EPA 8270 E
133.240	090	N-nitroso-di-n-propylamine (NDPA)	EPA 8270 E
133.240	091	Indeno(1,2,3-c,d)pyrene	EPA 8270 E
133.240	092	Isophorone	EPA 8270 E
133.240	093	2-Methylnaphthalene	EPA 8270 E
133.240	094	Phenanthrene	EPA 8270 E
133.270	001	Acenaphthene	EPA 8310
133.270	002	Acenaphthylene	EPA 8310
133.270	003	Anthracene	EPA 8310
133.270	004	Benzo(a)anthracene	EPA 8310
133.270	005	Benzo(a)pyrene	EPA 8310
133.270	006	Benzo(b)fluoranthene	EPA 8310
133.270	007	Benzo(g,h,i)perylene	EPA 8310
133.270	008	Benzo(k)fluoranthene	EPA 8310
133.270	009	Chrysene	EPA 8310
133.270	010	Dibenz(a,h)anthracene	EPA 8310
133.270	011	Fluoranthene	EPA 8310
133.270	012	Fluorene	EPA 8310
133.270	013	Indeno(1,2,3-c,d)pyrene	EPA 8310
133.270	014	Naphthalene	EPA 8310
133.270	015	Phenanthrene	EPA 8310

As of 1/17/2025, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B**McC Campbell Analytical, Inc.****Certificate Number:** 1644**Expiration Date:** 11/2/2025

133.270	016	Pyrene	EPA 8310
133.280	005	Butanal (Butyraldehyde)	EPA 8315 A
133.280	006	Crotonaldehyde	EPA 8315 A
133.280	008	Decanal	EPA 8315 A
133.280	010	Formaldehyde	EPA 8315 A
133.280	011	Heptanal	EPA 8315 A
133.280	012	Hexanal (Hexaldehyde)	EPA 8315 A
133.280	014	Nonanal	EPA 8315 A
133.280	015	Octanal	EPA 8315 A
133.280	016	Pentanal (Valeraldehyde)	EPA 8315 A
133.280	017	Propanal (Propionaldehyde)	EPA 8315 A
133.290	001	Aldicarb (Temik)	EPA 8318
133.290	002	Aldicarb Sulfone	EPA 8318
133.290	003	Carbaryl (Sevin)	EPA 8318
133.290	004	Carbofuran (Furadan)	EPA 8318
133.290	006	3-Hydroxycarbofuran	EPA 8318
133.290	007	Methiocarb (Mesurol)	EPA 8318
133.290	008	Methomyl (Lannate)	EPA 8318
133.290	009	Oxamyl	EPA 8318
133.290	011	Propoxur (Baygon)	EPA 8318
133.350	001	1,3,5-Trinitrobenzene	EPA 8330 A
133.350	002	1,3-Dinitrobenzene	EPA 8330 A
133.350	003	Nitrobenzene	EPA 8330 A
133.350	004	2,4,6-Trinitrotoluene	EPA 8330 A
133.350	005	2,4-Dinitrotoluene	EPA 8330 A
133.350	006	2,6-Dinitrotoluene	EPA 8330 A
133.350	007	2-Nitrotoluene	EPA 8330 A
133.350	008	3-Nitrotoluene	EPA 8330 A
133.350	009	4-Nitrotoluene	EPA 8330 A



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

Fruit Growers Laboratory, Inc.

Santa Paula

853 Corporation Street

Santa Paula, CA 93060

Scope of the certificate is limited to the
"Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1573**

Effective Date: **8/1/2023**

Expiration Date: **7/31/2025**

Sacramento, California
subject to forfeiture or revocation

A handwritten signature in blue ink, appearing to read "Christine Sotelo".

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program



**CALIFORNIA STATE
ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM
Fields of Accreditation**

**Fruit Growers Laboratory, Inc.**

Santa Paula
853 Corporation Street
Santa Paula, CA 93060
Phone: 8053922000

Certificate Number: 1573

Expiration Date: 7/31/2025

Field of Accreditation:			101 - Microbiology of Drinking Water
101.010	001	Heterotrophic Bacteria	SM 9215 B
101.020	001	Total Coliform P/A	SM 9221 B
101.020	002	Fecal Coliform P/A	SM 9221 B,E
101.020	004	Total Coliform (Enumeration)	SM 9221 B,C
101.020	005	Fecal Coliform (Enumeration)	SM 9221 B,E
101.050	001	Total Coliform P/A	SM 9223 B Colilert
101.050	002	E. coli P/A	SM 9223 B Colilert
101.050	003	Total Coliform (Enumeration)	SM 9223 B Colilert
101.050	004	E. coli (Enumeration)	SM 9223 B Colilert
101.050	005	Total Coliform P/A	SM 9223 B Colilert 18
101.050	006	E. coli P/A	SM 9223 B Colilert 18
101.050	007	Total Coliform (Enumeration)	SM 9223 B Colilert 18
101.050	008	E. coli (Enumeration)	SM 9223 B Colilert 18
101.050	009	Total Coliform P/A	SM 9223 B Colisure
101.050	010	E. coli P/A	SM 9223 B Colisure
101.050	011	Total Coliform (Enumeration)	SM 9223 B Colisure
101.050	012	E. coli (Enumeration)	SM 9223 B Colisure
101.170	001	Enterococci	Enterolert
Field of Accreditation:			102 - Inorganic Chemistry of Drinking Water
102.026	001	Calcium	EPA 200.7
102.026	002	Magnesium	EPA 200.7
102.026	003	Potassium	EPA 200.7
102.026	004	Silica	EPA 200.7
102.026	005	Sodium	EPA 200.7
102.026	006	Hardness (Calculation)	EPA 200.7
102.030	001	Bromide	EPA 300.0
102.030	003	Chloride	EPA 300.0
102.030	005	Fluoride	EPA 300.0
102.030	006	Nitrate (as N)	EPA 300.0
102.030	007	Nitrite (as N)	EPA 300.0
102.030	008	Phosphate, Ortho (as P)	EPA 300.0
102.030	009	Sulfate (as SO ₄)	EPA 300.0
102.045	001	Perchlorate	EPA 314.0

As of 5/15/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

102.047	001	Perchlorate	EPA 331.0
102.095	001	Turbidity	SM 2130 B-2001
102.100	001	Alkalinity	SM 2320 B-1997
102.130	001	Specific Conductance	SM 2510 B-1997
102.140	001	Residue, Filterable TDS	SM 2540 C-1997
102.175	001	Chlorine, Free	SM 4500-Cl G-2000
102.175	002	Chlorine, Total Residual	SM 4500-Cl G-2000
102.190	001	Cyanide, Total	SM 4500-CN E-1999
102.203	001	Hydrogen Ion (pH)	SM 4500-H+ B-2000
102.220	001	Nitrite (as N)	SM 4500-NO2 B-2000
102.234	001	Nitrite (as N)	SM 4500-NO3 F-2000
102.234	002	Nitrate (as N)	SM 4500-NO3 F-2000
102.240	001	Phosphate, Ortho (as P)	SM 4500-P E-1999
102.262	001	Organic Carbon-Total (TOC)	SM 5310 C-2000
102.263	001	Dissolved Organic Carbon (DOC)	SM 5310 C-2000
102.270	001	Surfactants	SM 5540 C-2000

Field of Accreditation:

103 - Toxic Chemical Elements of Drinking Water

103.130	001	Aluminum	EPA 200.7
103.130	003	Barium	EPA 200.7
103.130	004	Beryllium	EPA 200.7
103.130	007	Chromium	EPA 200.7
103.130	008	Copper	EPA 200.7
103.130	009	Iron	EPA 200.7
103.130	011	Manganese	EPA 200.7
103.130	012	Nickel	EPA 200.7
103.130	015	Silver	EPA 200.7
103.130	017	Zinc	EPA 200.7
103.130	018	Boron	EPA 200.7
103.140	001	Aluminum	EPA 200.8
103.140	002	Antimony	EPA 200.8
103.140	003	Arsenic	EPA 200.8
103.140	004	Barium	EPA 200.8
103.140	005	Beryllium	EPA 200.8
103.140	006	Cadmium	EPA 200.8
103.140	007	Chromium	EPA 200.8
103.140	008	Copper	EPA 200.8
103.140	009	Lead	EPA 200.8
103.140	010	Manganese	EPA 200.8
103.140	012	Nickel	EPA 200.8
103.140	013	Selenium	EPA 200.8
103.140	014	Silver	EPA 200.8
103.140	015	Thallium	EPA 200.8

As of 5/15/2024, this list supersedes all previous lists for this certificate number.
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ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

103.140	016	Zinc	EPA 200.8
103.140	017	Boron	EPA 200.8
103.140	018	Vanadium	EPA 200.8
103.160	001	Mercury	EPA 245.1
103.310	001	Chromium VI (Hexavalent Chromium)	EPA 218.6
Field of Accreditation: 104 - Volatile Organic Chemistry of Drinking Water			
104.030	001	1,2-Dibromoethane (EDB)	EPA 504.1
104.030	002	1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1
104.035	001	1,2,3-Trichloropropane (TCP)	SRL 524M-TCP
104.036	001	1,2,3-Trichloropropane (TCP)	DWRL-123TCP
104.200	001	1,1,1,2-Tetrachloroethane	EPA 524.2
104.200	002	1,1,1-Trichloroethane	EPA 524.2
104.200	003	1,1,2,2-Tetrachloroethane	EPA 524.2
104.200	004	1,1,2-Trichloroethane	EPA 524.2
104.200	005	1,1-Dichloroethane	EPA 524.2
104.200	006	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 524.2
104.200	006	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 524.2
104.200	007	1,2,3-Trichlorobenzene	EPA 524.2
104.200	008	1,2,4-Trichlorobenzene	EPA 524.2
104.200	009	1,2,4-Trimethylbenzene	EPA 524.2
104.200	010	1,2-Dichlorobenzene	EPA 524.2
104.200	011	1,2-Dichloroethane (Ethylene Dichloride)	EPA 524.2
104.200	012	1,2-Dichloropropane	EPA 524.2
104.200	013	1,3,5-Trimethylbenzene	EPA 524.2
104.200	014	1,3-Dichlorobenzene	EPA 524.2
104.200	015	1,4-Dichlorobenzene	EPA 524.2
104.200	016	2-Chlorotoluene	EPA 524.2
104.200	017	4-Chlorotoluene	EPA 524.2
104.200	018	Benzene	EPA 524.2
104.200	020	Carbon Tetrachloride	EPA 524.2
104.200	021	Chlorobenzene	EPA 524.2
104.200	022	cis-1,2-Dichloroethylene (cis 1,2 Dichloroethene)	EPA 524.2
104.200	023	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 524.2
104.200	024	Dichlorodifluoromethane	EPA 524.2
104.200	025	Dichloromethane (Methylene Chloride)	EPA 524.2
104.200	027	Ethyl tert-butyl Ether (ETBE)	EPA 524.2
104.200	028	Ethylbenzene	EPA 524.2
104.200	029	Isopropylbenzene	EPA 524.2
104.200	031	Methyl tert-butyl Ether (MTBE)	EPA 524.2
104.200	032	Naphthalene	EPA 524.2
104.200	033	n-Butylbenzene	EPA 524.2
104.200	034	N-propylbenzene	EPA 524.2

As of 5/15/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573
Expiration Date: 7/31/2025

104.200	035	sec-Butylbenzene	EPA 524.2
104.200	036	Styrene	EPA 524.2
104.200	037	t-Butyl alcohol (2-Methyl-2-propanol)	EPA 524.2
104.200	038	tert-Amyl Methyl Ether (TAME)	EPA 524.2
104.200	039	tert-Butylbenzene	EPA 524.2
104.200	040	Tetrachloroethylene (Tetrachloroethene)	EPA 524.2
104.200	041	Toluene	EPA 524.2
104.200	042	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 524.2
104.200	043	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 524.2
104.200	044	Trichloroethylene (Trichloroethene)	EPA 524.2
104.200	045	Trichlorofluoromethane	EPA 524.2
104.200	046	Trichlorotrifluoroethane	EPA 524.2
104.200	047	Vinyl Chloride	EPA 524.2
104.200	102	m+p-Xylene	EPA 524.2
104.200	103	o-Xylene	EPA 524.2
104.200	201	Bromodichloromethane	EPA 524.2
104.200	202	Bromoform	EPA 524.2
104.200	203	Chloroform	EPA 524.2
104.200	204	Dibromochloromethane (Chlorodibromomethane)	EPA 524.2
Field of Accreditation:			105 - Semi-volatile Organic Chemistry of Drinking Water
105.010	002	Alachlor	EPA 505
105.010	004	Chlordane	EPA 505
105.010	006	Endrin	EPA 505
105.010	007	Heptachlor	EPA 505
105.010	008	Heptachlor Epoxide	EPA 505
105.010	009	Hexachlorobenzene	EPA 505
105.010	010	Hexachlorocyclopentadiene	EPA 505
105.010	011	Lindane (HCH-gamma)	EPA 505
105.010	012	Methoxychlor	EPA 505
105.010	014	Toxaphene	EPA 505
105.010	015	PCBs as Aroclors (screen)	EPA 505
105.082	001	2,4-D	EPA 515.3
105.082	002	Dinoseb	EPA 515.3
105.082	003	Pentachlorophenol	EPA 515.3
105.082	004	Picloram	EPA 515.3
105.082	005	2,4,5-TP (Silvex)	EPA 515.3
105.082	006	Bentazon	EPA 515.3
105.082	007	Dalapon	EPA 515.3
105.082	008	Dicamba	EPA 515.3
105.100	001	Aldicarb (Temik)	EPA 531.1
105.100	002	Aldicarb Sulfone	EPA 531.1
105.100	003	Aldicarb Sulfoxide	EPA 531.1

As of 5/15/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

105.100	004	Carbaryl (Sevin)	EPA 531.1
105.100	005	Carbofuran (Furadan)	EPA 531.1
105.100	006	3-Hydroxycarbofuran	EPA 531.1
105.100	007	Methomyl (Lannate)	EPA 531.1
105.100	008	Oxamyl	EPA 531.1
105.106	001	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11CI-P	EPA 537.1
105.106	002	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9CI-PF	EPA 537.1
105.106	003	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	EPA 537.1
105.106	004	Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	EPA 537.1
105.106	005	N-Ethylperfluorooctane Sulfonamido Acetic Acid (NEtFOSAA)	EPA 537.1
105.106	006	N-Methylperfluorooctane Sulfonamido Acetic Acid (NMeFOS	EPA 537.1
105.106	007	Perfluorobutane Sulfonic Acid (PFBS)	EPA 537.1
105.106	008	Perfluorodecanoic Acid (PFDA)	EPA 537.1
105.106	009	Perfluorododecanoic Acid (PFDoA)	EPA 537.1
105.106	010	Perfluoroheptanoic Acid (PFHpA)	EPA 537.1
105.106	011	Perfluorohexane Sulfonic Acid (PFHxS)	EPA 537.1
105.106	012	Perfluorohexanoic Acid (PFHxA)	EPA 537.1
105.106	013	Perfluorononanoic Acid (PFNA)	EPA 537.1
105.106	014	Perfluorooctanoic Acid (PFOA)	EPA 537.1
105.106	015	Perfluorooctane Sulfonic Acid (PFOS)	EPA 537.1
105.106	016	Perfluorotetradecanoic Acid (PFTeDA)	EPA 537.1
105.106	017	Perfluorotridecanoic Acid (PFTrDA)	EPA 537.1
105.106	018	Perfluoroundecanoic Acid (PFUnDA)	EPA 537.1
105.120	001	Glyphosate	EPA 547
105.150	001	Diquat	EPA 549.2
105.175	001	Bromodichloromethane	EPA 551.1
105.175	002	Bromoform	EPA 551.1
105.175	003	Chloroform	EPA 551.1
105.175	004	Dibromochloromethane (Chlorodibromomethane)	EPA 551.1
105.190	001	Bromoacetic Acid	SM 6251 B
105.190	003	Chloroacetic Acid	SM 6251 B
105.190	005	Dibromoacetic Acid	SM 6251 B
105.190	006	Dichloroacetic Acid	SM 6251 B
105.190	007	Trichloroacetic Acid	SM 6251 B
105.200	001	Bromoacetic Acid	EPA 552.2
105.200	003	Chloroacetic Acid	EPA 552.2
105.200	005	Dibromoacetic Acid	EPA 552.2
105.200	006	Dichloroacetic Acid	EPA 552.2
105.200	007	Trichloroacetic Acid	EPA 552.2
Field of Accreditation:			106 - Radionuclides in Drinking Water
106.010	001	Gross Alpha	EPA 900.0
106.010	002	Gross Beta	EPA 900.0

As of 5/15/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

106.050	001	Total Alpha Radium	EPA 903.0
106.050	002	Radium-226	EPA 903.0
106.080	001	Tritium	EPA 906.0
106.092	001	Uranium	EPA 200.8
106.170	001	Radium-228	EPA Ra-05
106.270	001	Gross Alpha	SM 7110 C
106.610	001	Radon-222	SM 7500-Rn

Field of Accreditation:		107 - Microbiological Methods for Non-Potable Water and Sewage Sludge	
107.001	001	Total Coliform (Enumeration)	SM 9221 B,C-2006
107.001	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006
107.013	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert
107.015	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert 18
107.017	001	Enterococci	Enterolert

Field of Accreditation:		108 - Inorganic Constituents in Non-Potable Water	
108.007	001	Residue, Volatile	EPA 160.4
108.013	001	Calcium	EPA 200.7
108.013	002	Magnesium	EPA 200.7
108.013	003	Phosphorus, Total	EPA 200.7
108.013	004	Potassium	EPA 200.7
108.013	005	Silica, Dissolved	EPA 200.7
108.013	006	Sodium	EPA 200.7
108.017	001	Bromide	EPA 300.0
108.017	002	Chloride	EPA 300.0
108.017	003	Fluoride	EPA 300.0
108.017	004	Nitrate (as N)	EPA 300.0
108.017	005	Nitrate-Nitrite (as N)	EPA 300.0
108.017	006	Nitrite (as N)	EPA 300.0
108.017	007	Phosphate, Ortho (as P)	EPA 300.0
108.017	008	Sulfate (as SO4)	EPA 300.0
108.029	001	Kjeldahl Nitrogen, Total (as N)	EPA 351.2
108.047	001	Phenols, Total	EPA 420.1
108.053	001	Oil & Grease, Total Recoverable	EPA 1664 A
108.059	001	Turbidity	SM 2130 B-2011
108.063	001	Alkalinity	SM 2320 B-2011
108.065	001	Hardness (Calculation)	SM 2340 B-2011
108.069	001	Specific Conductance	SM 2510 B-2011
108.071	001	Residue, Total	SM 2540 B-2011
108.073	001	Residue, Filterable TDS	SM 2540 C-2011
108.075	001	Residue, Non-filterable TSS	SM 2540 D-2011
108.079	001	Residue, Settleable	SM 2540 F-2011
108.114	001	Chlorine, Total Residual	SM 4500-Cl G-2011
108.124	001	Cyanide, Total	SM 4500-CN- E-2016

As of 5/15/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

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Expiration Date: 7/31/2025

108.137	001	Hydrogen Ion (pH)	SM 4500-H+ B-2011
108.147	001	Ammonia (as N)	SM 4500-NH3 G-2011
108.153	001	Nitrite (as N)	SM 4500-NO2 B-2011
108.159	001	Nitrate-Nitrite (as N)	SM 4500-NO3 F-2011
108.159	002	Nitrite (as N)	SM 4500-NO3 F-2011
108.174	001	Oxygen, Dissolved	SM 4500-O G-2016
108.175	001	Phosphate,Ortho (as P)	SM 4500-P E-2011
108.201	001	Sulfide (as S)	SM 4500-S D-2011
108.206	002	Carbonaceous BOD	SM 5210 B-2016
108.207	001	Biochemical Oxygen Demand	SM 5210 B-2011
108.213	001	Chemical Oxygen Demand	SM 5220 D-2011
108.217	001	Organic Carbon-Total (TOC)	SM 5310 C-2011
108.225	001	Surfactants	SM 5540 C-2011
Field of Accreditation:			109 - Metals and Trace Elements in Non-Potable Water
109.623	001	Aluminum	EPA 200.7
109.623	002	Antimony	EPA 200.7
109.623	003	Arsenic	EPA 200.7
109.623	004	Barium	EPA 200.7
109.623	005	Beryllium	EPA 200.7
109.623	006	Boron	EPA 200.7
109.623	007	Cadmium	EPA 200.7
109.623	008	Chromium	EPA 200.7
109.623	009	Cobalt	EPA 200.7
109.623	010	Copper	EPA 200.7
109.623	011	Iron	EPA 200.7
109.623	012	Lead	EPA 200.7
109.623	013	Manganese	EPA 200.7
109.623	014	Molybdenum	EPA 200.7
109.623	015	Nickel	EPA 200.7
109.623	016	Selenium	EPA 200.7
109.623	017	Silver	EPA 200.7
109.623	018	Thallium	EPA 200.7
109.623	019	Tin	EPA 200.7
109.623	020	Titanium	EPA 200.7
109.623	021	Vanadium	EPA 200.7
109.623	022	Zinc	EPA 200.7
109.625	001	Aluminum	EPA 200.8
109.625	002	Antimony	EPA 200.8
109.625	003	Arsenic	EPA 200.8
109.625	004	Barium	EPA 200.8
109.625	005	Beryllium	EPA 200.8
109.625	006	Boron	EPA 200.8

As of 5/15/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

109.625	007	Cadmium	EPA 200.8
109.625	008	Chromium	EPA 200.8
109.625	009	Cobalt	EPA 200.8
109.625	010	Copper	EPA 200.8
109.625	013	Lead	EPA 200.8
109.625	014	Manganese	EPA 200.8
109.625	015	Molybdenum	EPA 200.8
109.625	016	Nickel	EPA 200.8
109.625	017	Selenium	EPA 200.8
109.625	018	Silver	EPA 200.8
109.625	019	Thallium	EPA 200.8
109.625	022	Vanadium	EPA 200.8
109.625	023	Zinc	EPA 200.8
109.629	001	Chromium VI (Hexavalent Chromium)	EPA 218.6
109.635	001	Mercury	EPA 245.1

Field of Accreditation:		110 - Volatile Organic Constituents in Non-Potable Water	
110.040	001	Acetone	EPA 624.1
110.040	003	Acrolein	EPA 624.1
110.040	004	Acrylonitrile	EPA 624.1
110.040	005	Benzene	EPA 624.1
110.040	006	Bromodichloromethane	EPA 624.1
110.040	007	Bromoform	EPA 624.1
110.040	008	Bromomethane (Methyl Bromide)	EPA 624.1
110.040	010	Carbon Tetrachloride	EPA 624.1
110.040	011	Chlorobenzene	EPA 624.1
110.040	012	Chloroethane	EPA 624.1
110.040	013	2-Chloroethyl vinyl Ether	EPA 624.1
110.040	014	Chloroform	EPA 624.1
110.040	015	Chloromethane (Methyl Chloride)	EPA 624.1
110.040	016	Dibromochloromethane (Chlorodibromomethane)	EPA 624.1
110.040	017	1,2-Dichlorobenzene	EPA 624.1
110.040	018	1,3-Dichlorobenzene	EPA 624.1
110.040	019	1,4-Dichlorobenzene	EPA 624.1
110.040	020	1,1-Dichloroethane	EPA 624.1
110.040	021	1,2-Dichloroethane (Ethylene Dichloride)	EPA 624.1
110.040	022	1,1-Dichloroethylene (1,1-Dichloroethene)	EPA 624.1
110.040	023	trans-1,2-Dichloroethylene (trans- 1,2 Dichloroethene)	EPA 624.1
110.040	024	1,2-Dichloropropane	EPA 624.1
110.040	025	cis-1,3-Dichloropropylene (cis 1,3 Dichloropropene)	EPA 624.1
110.040	026	trans-1,3-Dichloropropylene (trans-1,3 Dichloropropene)	EPA 624.1
110.040	029	Ethylbenzene	EPA 624.1
110.040	031	Methylene Chloride (Dichloromethane)	EPA 624.1

As of 5/15/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

110.040	032	4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	EPA 624.1
110.040	034	1,1,2,2-Tetrachloroethane	EPA 624.1
110.040	035	Tetrachloroethylene (Tetrachloroethene)	EPA 624.1
110.040	037	Toluene	EPA 624.1
110.040	038	1,1,1-Trichloroethane	EPA 624.1
110.040	039	1,1,2-Trichloroethane	EPA 624.1
110.040	040	Trichloroethylene (Trichloroethene)	EPA 624.1
110.040	041	Vinyl Chloride	EPA 624.1
110.040	043	o-Xylene	EPA 624.1
110.040	045	Trichlorofluoromethane	EPA 624.1
110.040	046	m+p-Xylene	EPA 624.1
110.040	047	2-Butanone (MEK)	EPA 624.1

Field of Accreditation:		111 - Semi-volatile Organic Constituents in Non-Potable Water	
111.055	001	Aldrin	EPA 608.3
111.055	002	alpha-BHC	EPA 608.3
111.055	003	beta-BHC	EPA 608.3
111.055	004	delta-BHC	EPA 608.3
111.055	005	gamma-BHC (Lindane)	EPA 608.3
111.055	006	Chlordane	EPA 608.3
111.055	007	4,4'-DDD	EPA 608.3
111.055	008	4,4'-DDE	EPA 608.3
111.055	009	4,4'-DDT	EPA 608.3
111.055	010	Dieldrin	EPA 608.3
111.055	011	Endosulfan I	EPA 608.3
111.055	012	Endosulfan II	EPA 608.3
111.055	013	Endosulfan Sulfate	EPA 608.3
111.055	014	Endrin	EPA 608.3
111.055	015	Endrin Aldehyde	EPA 608.3
111.055	016	Heptachlor	EPA 608.3
111.055	017	Heptachlor Epoxide	EPA 608.3
111.055	019	PCB-1016 (Aroclor-1016)	EPA 608.3
111.055	020	PCB-1221 (Aroclor-1221)	EPA 608.3
111.055	021	PCB-1232 (Aroclor-1232)	EPA 608.3
111.055	022	PCB-1242 (Aroclor-1242)	EPA 608.3
111.055	023	PCB-1248 (Aroclor-1248)	EPA 608.3
111.055	024	PCB-1254 (Aroclor-1254)	EPA 608.3
111.055	025	PCB-1260 (Aroclor-1260)	EPA 608.3
111.055	046	Methoxychlor	EPA 608.3
111.055	060	Toxaphene	EPA 608.3
111.160	001	Acenaphthene	EPA 625.1
111.160	002	Acenaphthylene	EPA 625.1
111.160	003	Anthracene	EPA 625.1

As of 5/15/2024, this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B**Fruit Growers Laboratory, Inc.****Certificate Number:** 1573**Expiration Date:** 7/31/2025

111.160	004	Benzidine	EPA 625.1
111.160	005	Benzo(a)anthracene	EPA 625.1
111.160	006	Benzo(a)pyrene	EPA 625.1
111.160	007	Benzo(b)fluoranthene	EPA 625.1
111.160	008	Benzo(g,h,i)perylene	EPA 625.1
111.160	009	Benzo(k)fluoranthene	EPA 625.1
111.160	010	Bis(2-chloroethoxy) Methane	EPA 625.1
111.160	011	Bis(2-chloroethyl) Ether	EPA 625.1
111.160	012	bis(2-Chloroisopropyl) ether (2,2'-Oxybis[1-chloropropane])	EPA 625.1
111.160	013	Bis(2-ethylhexyl)phthalate (Di(2-ethylhexyl) phthalate)	EPA 625.1
111.160	014	4-Bromophenyl Phenyl Ether	EPA 625.1
111.160	015	Butyl Benzyl Phthalate	EPA 625.1
111.160	016	2-Chloronaphthalene	EPA 625.1
111.160	017	4-Chlorophenyl Phenyl Ether	EPA 625.1
111.160	018	Chrysene	EPA 625.1
111.160	019	Dibenz(a,h)anthracene	EPA 625.1
111.160	020	3,3'-Dichlorobenzidine	EPA 625.1
111.160	021	Diethyl Phthalate	EPA 625.1
111.160	022	Dimethyl Phthalate	EPA 625.1
111.160	023	Di-n-butyl Phthalate	EPA 625.1
111.160	024	2,4-Dinitrotoluene	EPA 625.1
111.160	025	2,6-Dinitrotoluene	EPA 625.1
111.160	026	Di-n-octyl Phthalate	EPA 625.1
111.160	027	Fluoranthene	EPA 625.1
111.160	028	Fluorene	EPA 625.1
111.160	029	Hexachlorobenzene	EPA 625.1
111.160	030	Hexachlorobutadiene	EPA 625.1
111.160	031	Hexachloroethane	EPA 625.1
111.160	032	Indeno(1,2,3-c,d)pyrene	EPA 625.1
111.160	033	Isophorone	EPA 625.1
111.160	034	Naphthalene	EPA 625.1
111.160	035	Nitrobenzene	EPA 625.1
111.160	036	N-nitroso-di-n-propylamine	EPA 625.1
111.160	037	Phenanthrene	EPA 625.1
111.160	038	Pyrene	EPA 625.1
111.160	039	1,2,4-Trichlorobenzene	EPA 625.1
111.160	040	4-Chloro-3-methylphenol	EPA 625.1
111.160	041	2-Chlorophenol	EPA 625.1
111.160	042	2,4-Dichlorophenol	EPA 625.1
111.160	043	2,4-Dimethylphenol	EPA 625.1
111.160	044	2,4-Dinitrophenol	EPA 625.1
111.160	045	2-Methyl-4,6-dinitrophenol	EPA 625.1

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

111.160	046	2-Nitrophenol	EPA 625.1
111.160	047	4-Nitrophenol	EPA 625.1
111.160	048	Pentachlorophenol	EPA 625.1
111.160	049	Phenol	EPA 625.1
111.160	050	2,4,6-Trichlorophenol	EPA 625.1
111.160	052	Aldrin	EPA 625.1
111.160	055	Atrazine	EPA 625.1
111.160	058	alpha-BHC	EPA 625.1
111.160	059	beta-BHC	EPA 625.1
111.160	060	delta-BHC	EPA 625.1
111.160	061	gamma-BHC (Lindane)	EPA 625.1
111.160	073	Chlorpyrifos	EPA 625.1
111.160	076	4,4'-DDD	EPA 625.1
111.160	077	4,4'-DDE	EPA 625.1
111.160	078	4,4'-DDT	EPA 625.1
111.160	081	Diazinon	EPA 625.1
111.160	083	Dieldrin	EPA 625.1
111.160	085	Disulfoton	EPA 625.1
111.160	086	Endosulfan I	EPA 625.1
111.160	087	Endosulfan II	EPA 625.1
111.160	088	Endosulfan Sulfate	EPA 625.1
111.160	089	Endrin	EPA 625.1
111.160	090	Endrin Aldehyde	EPA 625.1
111.160	096	Heptachlor	EPA 625.1
111.160	097	Heptachlor Epoxide	EPA 625.1
111.160	098	Hexachlorocyclopentadiene	EPA 625.1
111.160	100	Malathion	EPA 625.1
111.160	102	Methoxychlor	EPA 625.1
111.160	108	N-nitrosodimethylamine	EPA 625.1
111.160	110	N-nitrosodiphenylamine	EPA 625.1
111.160	129	Simazine	EPA 625.1
111.160	143	1,2-Diphenylhydrazine	EPA 625.1
111.160	145	Pyridine	EPA 625.1
111.160	151	2,4,5-Trichlorophenol	EPA 625.1

Field of Accreditation: 112 - Radionuclides in Non-Potable Water

112.001	001	Gross Alpha	EPA 900.0
112.001	002	Gross Beta	EPA 900.0
112.003	001	Total Alpha Radium	EPA 903.0

Field of Accreditation: 114 - Inorganic Constituents in Hazardous Waste

114.315	002	Antimony	EPA 6010 B
114.315	003	Arsenic	EPA 6010 B
114.315	004	Barium	EPA 6010 B

As of 5/15/2024 , this list supersedes all previous lists for this certificate number.
Customers: Please verify the current accreditation standing with the State.

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

114.315	005	Beryllium	EPA 6010 B
114.315	007	Cadmium	EPA 6010 B
114.315	009	Chromium	EPA 6010 B
114.315	010	Cobalt	EPA 6010 B
114.315	011	Copper	EPA 6010 B
114.315	013	Lead	EPA 6010 B
114.315	016	Molybdenum	EPA 6010 B
114.315	017	Nickel	EPA 6010 B
114.315	019	Selenium	EPA 6010 B
114.315	020	Silver	EPA 6010 B
114.315	023	Thallium	EPA 6010 B
114.315	026	Vanadium	EPA 6010 B
114.315	027	Zinc	EPA 6010 B

Field of Accreditation: 115 - Leaching/Extraction Tests and Physical Characteristics of Hazardous Waste

115.055	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
115.135	001	Corrosivity - pH Determination	EPA 9045 C

Field of Accreditation: 126 - Microbiological Methods for Ambient Water

126.003	001	Total Coliform (Enumeration)	SM 9221 B,C-2006
126.003	002	Fecal Coliform (Enumeration)	SM 9221 C,E-2006
126.015	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert
126.017	001	E. coli (Enumeration)	SM 9223 B-2004 Colilert 18
126.019	001	Enterococci	Enterolert

Field of Accreditation: 130 - Inorganic constituents in Hazardous waste (Matrix Aqueous)

130.010	002	Antimony	EPA 6010 B
130.010	003	Arsenic	EPA 6010 B
130.010	004	Barium	EPA 6010 B
130.010	005	Beryllium	EPA 6010 B
130.010	007	Cadmium	EPA 6010 B
130.010	009	Chromium	EPA 6010 B
130.010	010	Cobalt	EPA 6010 B
130.010	011	Copper	EPA 6010 B
130.010	016	Molybdenum	EPA 6010 B
130.010	017	Nickel	EPA 6010 B
130.010	020	Silver	EPA 6010 B
130.010	023	Thallium	EPA 6010 B
130.010	026	Vanadium	EPA 6010 B
130.010	027	Zinc	EPA 6010 B

Field of Accreditation: 131 - Leaching/Extraction, Physical Characteristics in Hazardous Waste (Matrix Aqueous)

131.010	001	Waste Extraction Test (WET)	CCR Chapter11, Article 5, Appendix II
131.110	001	Corrosivity - pH Determination	EPA 9040 B

Field of Accreditation: 133 - Semi-Volatile Organic Chemistry in Hazardous Waste (Matrix Aqueous)

ATTACHMENT B

Fruit Growers Laboratory, Inc.

Certificate Number: 1573

Expiration Date: 7/31/2025

133.090	001	Aldrin	EPA 8081 A
133.090	002	alpha-BHC	EPA 8081 A
133.090	003	beta-BHC	EPA 8081 A
133.090	004	delta-BHC	EPA 8081 A
133.090	005	gamma-BHC (Lindane)	EPA 8081 A
133.090	006	Chlordane	EPA 8081 A
133.090	008	4,4'-DDD	EPA 8081 A
133.090	009	4,4'-DDE	EPA 8081 A
133.090	010	4,4'-DDT	EPA 8081 A
133.090	011	Dieldrin	EPA 8081 A
133.090	012	Endosulfan I	EPA 8081 A
133.090	013	Endosulfan II	EPA 8081 A
133.090	014	Endosulfan Sulfate	EPA 8081 A
133.090	015	Endrin	EPA 8081 A
133.090	016	Endrin Aldehyde	EPA 8081 A
133.090	017	Endrin Ketone	EPA 8081 A
133.090	018	Heptachlor	EPA 8081 A
133.090	019	Heptachlor Epoxide	EPA 8081 A
133.090	020	Methoxychlor	EPA 8081 A
133.090	021	Toxaphene	EPA 8081 A
133.120	001	Aroclor 1016	EPA 8082
133.120	002	Aroclor 1221	EPA 8082
133.120	003	Aroclor 1232	EPA 8082
133.120	004	Aroclor 1242	EPA 8082
133.120	005	Aroclor 1248	EPA 8082
133.120	006	Aroclor 1254	EPA 8082
133.120	007	Aroclor 1260	EPA 8082



STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARD

CALIFORNIA STATE



ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

**CERTIFICATE OF
ENVIRONMENTAL LABORATORY ACCREDITATION**

Is hereby granted to

Asbestos TEM Laboratories, Inc

3431 Ettie Street

Oakland, CA 94608

Scope of the certificate is limited to the
"Fields of Accreditation"
which accompany this Certificate.

Continued accredited status depends on compliance with applicable laws and regulations,
proficiency testing studies, and payment of applicable fees.

This Certificate is granted in accordance with provisions of
Section 100825, et seq. of the Health and Safety Code.

Certificate No.: **1866**

Effective Date: **5/1/2023**

Expiration Date: **4/30/2025**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Program Manager
Environmental Laboratory Accreditation Program



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

11 November 2024

Stockton, City of - MUD

Attn: Stephen Abdallah

2500 Navy Dr

Stockton, CA 95206

RE: NPDES

Work Order: 24J4807

Enclosed are the results of analyses for samples received by the laboratory on 10/29/24 15:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rachel J. Kaua

Project Manager



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Stockton, City of - MUD	Project Manager: Stephen Abdallah	Reported:
2500 Navy Dr	Project: NPDES	11/11/24 09:05
Stockton CA, 95206	Project Number: [none]	

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
 Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
 North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
 San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | 760-930-2555 | ELAP# 3055
 Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | ELAP# 3091

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EFF-001A / C:10-28-2024	24J4807-01	Water	10/29/24 08:03	10/29/24 15:20
WE / C:10-28-2024	24J4807-02	Water	10/29/24 08:20	10/29/24 15:20
RWP / C:10-28-2024	24J4807-03	Water	10/29/24 08:17	10/29/24 15:20
SE / C:10-28-2024	24J4807-04	Water	10/29/24 08:06	10/29/24 15:20
PID / C:10-28-2024	24J4807-05	Water	10/29/24 08:03	10/29/24 15:20
EFF-001A	24J4807-06	Water	10/29/24 08:12	10/29/24 15:20



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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Stockton, City of - MUD
 2500 Navy Dr
 Stockton CA, 95206

Project Manager: Stephen Abdallah
 Project: NPDES
 Project Number: [none]

Reported:
 11/11/24 09:05

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
EFF-001A / C:10-28-2024 (24J4807-01) Water Sampled: 10/29/24 08:03 Received: 10/29/24 15:20												
Ammonia as N	0.99	0.10	0.20	mg/L	1	AK43455	11/08/24 13:55	11/08/24 15:45	SM4500-NH3 G	SMS	1551	
Total Suspended Solids	5.4	1.0	1.0	mg/L	1	AK43100	11/02/24 09:32	11/02/24 15:22	SM2540D	MMV	2922	
Carbonaceous BOD	ND	2.0	5.0	mg/L	1	AK43151	10/30/24 07:48	11/04/24 10:30	SM5210B	LGD	2922	U
WE / C:10-28-2024 (24J4807-02) Water Sampled: 10/29/24 08:20 Received: 10/29/24 15:20												
Carbonaceous BOD	ND	85	85	mg/L	1	AK43151	10/30/24 07:48	11/04/24 10:30	SM5210B	LGD	2922	BOD-3, U
RWP / C:10-28-2024 (24J4807-03) Water Sampled: 10/29/24 08:17 Received: 10/29/24 15:20												
Carbonaceous BOD	5.0	2.0	5.0	mg/L	1	AK43151	10/30/24 07:48	11/04/24 10:30	SM5210B	LGD	2922	
SE / C:10-28-2024 (24J4807-04) Water Sampled: 10/29/24 08:06 Received: 10/29/24 15:20												
Carbonaceous BOD	2.2	2.0	5.0	mg/L	1	AK43151	10/30/24 07:48	11/04/24 10:30	SM5210B	LGD	2922	J
PID / C:10-28-2024 (24J4807-05) Water Sampled: 10/29/24 08:03 Received: 10/29/24 15:20												
Biochemical Oxygen Demand	560	2.0	5.0	mg/L	1	AK43152	10/30/24 07:49	11/04/24 08:52	SM5210B	LGD	2922	
Carbonaceous BOD	470	2.0	5.0	mg/L	1	AK43151	10/30/24 07:48	11/04/24 10:30	SM5210B	LGD	2922	
EFF-001A (24J4807-06) Water Sampled: 10/29/24 08:12 Received: 10/29/24 15:20												
Specific Conductance (EC)	730	1.0	20	umhos/cm	1	AJ45347	10/29/24 15:07	10/29/24 15:07	SM2510B	MMV	2922	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Stockton, City of - MUD	Project Manager: Stephen Abdallah	Reported:
2500 Navy Dr	Project: NPDES	11/11/24 09:05
Stockton CA, 95206	Project Number: [none]	

Anions by EPA Method 300.0

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
EFF-001A / C:10-28-2024 (24J4807-01) Water Sampled: 10/29/24 08:03 Received: 10/29/24 15:20												
Nitrate as N	3.1	0.040	0.20	mg/L	1	AK43202	10/30/24 11:46	10/30/24 11:46	EPA 300.0	MMV	2922	
Nitrite as N	0.064	0.050	0.20	mg/L	1	AK43202	10/30/24 11:46	10/30/24 11:46	EPA 300.0	MMV	2922	J



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Stockton, City of - MUD	Project Manager: Stephen Abdallah	Reported:
2500 Navy Dr	Project: NPDES	11/11/24 09:05
Stockton CA, 95206	Project Number: [none]	

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ45347 - General Prep (CV)

Duplicate (AJ45347-DUP1) Source: 24J4396-02 Prepared & Analyzed: 10/29/24

Specific Conductance (EC)	2060	1.0	2.0	umhos/cm		2060			0.00	5	
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Batch AK43100 - General Prep (CV)

Blank (AK43100-BLK1) Prepared & Analyzed: 11/02/24

Total Suspended Solids	ND	1.0	1.0	mg/L							U
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LCS (AK43100-BS1) Prepared & Analyzed: 11/02/24

Total Suspended Solids	896	1.0	1.0	mg/L	1000		89.6	0-200			
------------------------	-----	-----	-----	------	------	--	------	-------	--	--	--

Duplicate (AK43100-DUP1) Source: 24J4534-01 Prepared & Analyzed: 11/02/24

Total Suspended Solids	158	1.0	1.0	mg/L		182			14.1	30	
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Duplicate (AK43100-DUP2) Source: 24J5012-01 Prepared & Analyzed: 11/02/24

Total Suspended Solids	451	1.0	1.0	mg/L		497			9.70	30	
------------------------	-----	-----	-----	------	--	-----	--	--	------	----	--

Batch AK43151 - General Prep (CV)

Blank (AK43151-BLK1) Prepared: 10/30/24 Analyzed: 11/04/24

Carbonaceous BOD	ND	2.0	5.0	mg/L							U
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Blank (AK43151-BLK2) Prepared: 10/30/24 Analyzed: 11/04/24

Carbonaceous BOD	ND	2.0	5.0	mg/L							U
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LCS (AK43151-BS1) Prepared: 10/30/24 Analyzed: 11/04/24

Carbonaceous BOD	179	2.0	5.0	mg/L	200		89.5	84-115			
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Stockton, City of - MUD	Project Manager: Stephen Abdallah	Reported:
2500 Navy Dr	Project: NPDES	11/11/24 09:05
Stockton CA, 95206	Project Number: [none]	

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AK43151 - General Prep (CV)

Duplicate (AK43151-DUP1)	Source: 24J4589-04		Prepared: 10/30/24 Analyzed: 11/04/24								
Carbonaceous BOD	180	2.0	5.0	mg/L		186			3.28	30	

Batch AK43152 - General Prep (CV)

Blank (AK43152-BLK1)	Prepared: 10/30/24 Analyzed: 11/04/24										
Biochemical Oxygen Demand	ND	2.0	5.0	mg/L							U

Blank (AK43152-BLK2)	Prepared: 10/30/24 Analyzed: 11/04/24										
Biochemical Oxygen Demand	ND	2.0	5.0	mg/L							U

LCS (AK43152-BS1)	Prepared: 10/30/24 Analyzed: 11/04/24										
Biochemical Oxygen Demand	202	2.0	5.0	mg/L	200		101	84-115			

Duplicate (AK43152-DUP1)	Source: 24J4534-01		Prepared: 10/30/24 Analyzed: 11/04/24								
Biochemical Oxygen Demand	190	2.0	5.0	mg/L		198			4.12	30	

Batch AK43455 - SEAL

Blank (AK43455-BLK1)	Prepared & Analyzed: 11/08/24										
Ammonia as N	ND	0.10	0.20	mg/L							U

LCS (AK43455-BS1)	Prepared & Analyzed: 11/08/24										
Ammonia as N	4.91	0.10	0.20	mg/L	5.00		98.2	85-115			

Duplicate (AK43455-DUP1)	Source: 24J4064-02		Prepared & Analyzed: 11/08/24								
Ammonia as N	ND	0.10	0.20	mg/L		ND				20	U

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Stockton, City of - MUD	Project Manager: Stephen Abdallah	Reported:
2500 Navy Dr	Project: NPDES	11/11/24 09:05
Stockton CA, 95206	Project Number: [none]	

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AK43455 - SEAL

Matrix Spike (AK43455-MS1)		Source: 24J4064-02		Prepared & Analyzed: 11/08/24							
Ammonia as N	4.75	0.10	0.20	mg/L	5.00	ND	95.1	80-120			
Matrix Spike Dup (AK43455-MSD1)		Source: 24J4064-02		Prepared & Analyzed: 11/08/24							
Ammonia as N	5.22	0.10	0.20	mg/L	5.00	ND	104	80-120	9.36	20	



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Stockton, City of - MUD	Project Manager: Stephen Abdallah	Reported:
2500 Navy Dr	Project: NPDES	11/11/24 09:05
Stockton CA, 95206	Project Number: [none]	

Anions by EPA Method 300.0 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch AK43202 - General Prep (CV)										
Blank (AK43202-BLK1)					Prepared & Analyzed: 10/30/24					
Nitrite as N	ND	0.050	0.20	mg/L						U
Nitrate as N	ND	0.040	0.20	mg/L						U
LCS (AK43202-BS1)					Prepared & Analyzed: 10/30/24					
Nitrate as N	5.61	0.040	0.20	mg/L	5.56		101	90-110		
Nitrite as N	5.72	0.050	0.20	mg/L	5.56		103	90-110		
LCS (AK43202-BS2)					Prepared & Analyzed: 10/30/24					
Nitrate as N	5.69	0.040	0.20	mg/L	5.56		102	90-110		
Nitrite as N	5.81	0.050	0.20	mg/L	5.56		104	90-110		
LCS (AK43202-BS3)					Prepared & Analyzed: 10/30/24					
Nitrate as N	5.69	0.040	0.20	mg/L	5.56		102	90-110		
Nitrite as N	5.83	0.050	0.20	mg/L	5.56		105	90-110		
LCS (AK43202-BS4)					Prepared & Analyzed: 10/30/24					
Nitrite as N	5.82	0.050	0.20	mg/L	5.56		105	90-110		
Nitrate as N	5.69	0.040	0.20	mg/L	5.56		102	90-110		
LCS (AK43202-BS5)					Prepared & Analyzed: 10/30/24					
Nitrate as N	5.70	0.040	0.20	mg/L	5.56		103	90-110		
Nitrite as N	5.82	0.050	0.20	mg/L	5.56		105	90-110		
Duplicate (AK43202-DUP1)		Source: 24J4807-01		Prepared & Analyzed: 10/30/24						
Nitrate as N	3.07	0.040	0.20	mg/L		3.08		0.0650	20	
Nitrite as N	0.0640	0.050	0.20	mg/L		0.0640		0.00	20	J
Matrix Spike (AK43202-MS1)		Source: 24J4807-01		Prepared & Analyzed: 10/30/24						
Nitrate as N	8.68	0.040	0.20	mg/L	5.56	3.08	101	80-120		
Nitrite as N	5.80	0.050	0.20	mg/L	5.56	0.0640	103	80-120		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: Stephen Abdallah Project: NPDES Project Number: [none]	Reported: 11/11/24 09:05
---	---	-----------------------------

Anions by EPA Method 300.0 - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AK43202 - General Prep (CV)

Matrix Spike (AK43202-MS2)

Source: 24J5016-01

Prepared & Analyzed: 10/30/24

Nitrate as N	9.87	0.040	0.20	mg/L	5.56	4.36	99.3	80-120			
Nitrite as N	5.52	0.050	0.20	mg/L	5.56	ND	99.4	80-120			

Matrix Spike Dup (AK43202-MSD1)

Source: 24J4807-01

Prepared & Analyzed: 10/30/24

Nitrate as N	8.68	0.040	0.20	mg/L	5.56	3.08	101	80-120	0.0256	20	
Nitrite as N	5.83	0.050	0.20	mg/L	5.56	0.0640	104	80-120	0.401	20	



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Stockton, City of - MUD
 2500 Navy Dr
 Stockton CA, 95206

Project Manager: Stephen Abdallah
 Project: NPDES
 Project Number: [none]

Reported:
 11/11/24 09:05

Notes and Definitions

BOD-3	Reporting limit raised due to insufficient oxygen depletion in diluted sample.
J	Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
U	Analyte included in analysis, but not detected at or above MDL.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
MDL	Method detection limit
Rec	Recovery
RPD	Relative Percent Difference

* ELAP does not offer accreditation in this matrix for the requested analyte/method combination.



Corporate Laboratory (1551)
208 Mason Street, Ukiah CA 95482
707.468.0401 (phone)
707.468.5267 (fax)
clientservices@alpha-labs.com

North Bay Laboratory (2303)
110 Liberty Street, Petaluma CA 94952

Bay Area Laboratory (2728)
262 Rickenbacker Circle, Livermore CA 94551

Central Valley Laboratory (2922)
9090 Union Park Way #113, Elk Grove CA 95624

San Diego Service Center
2722 Loker Ave West, Ste A, Carlsbad CA 92010

ATTACHMENT B Chain of Custody - Work Order

Reports and Invoices delivered by email in PDF format

Lab No **2454807** Pg _____ of _____

Report to		Invoice to (if different)		Project Information		Signature below authorizes work under terms stated on reverse side.																							
Company:		Contact:		Project ID:		Analysis Request																							
City of Stockton		Stephen Abdallah		NPDES																									
Attn:		Email address:		Project No:																									
Stephen Abdallah		same																											
Address:		Address:		PO Number:																									
2500 Navy Drive		same		217572																									
Stockton, CA 95206																													
Phone/Fax:		Phone/Fax:																											
209-937-8711 / 209-937-8708		same																											
Email Address:																													
stephen.abdallah@stocktonca.gov / amy.foster@stocktonca.gov / cc: jerry.tamura@stocktonca.gov																													
Field Sampler - Printed Name & Signature:		AA&SM																											
Stephany Madrid																													
Anthony Avalos																													
Sample Identification		Sampling		Container		Preservative		Matrix		Total Number of Containers per Sample ID																			
		Date	Time	40ml VOA Vial	Plastic	Glass	Sleeve	Other	HCl	HNO3	H2SO4	Other	None	Drinking Water	Wastewater	Soil	Other	Ammonia-N	TSS	BOD & CBOD	Carbonaceous BOD	Conductivity	Nitrite-N & Nitrate-N	TDS	EPA 624 - THMs only				
EFF-001A/ C:10-28-2024	10-29	0803		X							X		X	X	X			4	X	X		X		X					
WE / C:10-28-2024	10-29	0820		X									X	X	X			1				X							
RWP / C:10-28-2024	10-29	0817		X									X	X	X			1				X							
SE / C:10-28-2024	10-29	0806		X									X	X	X			1				X							
PID / C:10-28-2024	10-29	0803		X									X	X	X			1			X								
EFF-001A	10-29	0812		X									X	X	X			1					X						
***Alpha Analytical Laboratories																													
Additional GGA Standards																													
Relinquished by		Received by		Date		Time		DDW Write On EDT Transmission? <input type="radio"/> Yes <input type="radio"/> No																					
				10-29-24		1411		State System Number: _____																					
		Megan Peder		10-29-24		1520		If "Y" please enter the Source Number(s) in the column above																					
								CA Geotracker EDF Report? <input type="radio"/> Yes <input type="radio"/> No																					
								Global ID: _____ Sampling Company Log Code: _____																					
								EDF to (Email Address): _____																					
								Travel and Site Time: _____ Mileage: _____ Misc. Supplies: _____																					

ATTACHMENT B

wko_CVtoUK_COC.rpt

WORK ORDER

24J4807

Printed: 10/29/2024 4:33:58PM

Alpha Analytical Laboratories Central Valley to Ukiah Chain of Custody

Client: Stockton, City of - MUD
Project: NPDESClient Code: CVRK_STOCK
Project Number: [none]Bid: 1_Master Projects Price List
PO #: 217572

Date Due: 11/05/24 15:00 (5 day TAT)

Received By: Megan E. Prater

Date Received: 10/29/24 15:20

Logged In By: Megan E. Prater

Date Logged: 10/29/24 16:28

Samples Received at: _____ deg C

Analysis	Department	Expires	Comments
24J4807-01 EFF-001A / C:10-28-2024 [Water] Sampled 10/29/24 08:03			
Ammonia as N SEAL	Metals	11/26/24 23:59	
Handling & Disposal	Administrators	10/29/25 08:03	
J Flags	Administrators	10/29/25 08:03	
24J4807-02 WE / C:10-28-2024 [Water] Sampled 10/29/24 08:20			
Handling & Disposal	Administrators	10/29/25 08:20	
24J4807-03 RWP / C:10-28-2024 [Water] Sampled 10/29/24 08:17			
Handling & Disposal	Administrators	10/29/25 08:17	
24J4807-04 SE / C:10-28-2024 [Water] Sampled 10/29/24 08:06			
Handling & Disposal	Administrators	10/29/25 08:06	
24J4807-05 PID / C:10-28-2024 [Water] Sampled 10/29/24 08:03			
Handling & Disposal	Administrators	10/29/25 08:03	
24J4807-06 EFF-001A [Water] Sampled 10/29/24 08:12			
Handling & Disposal	Administrators	10/29/25 08:12	

Containers Supplied:

250mL Poly H2SO4 (A)

250mL Poly HNO3 (B)

Relinquished By: Megan Prater 10-29-24 1633
Date TimeReceived By: [Signature] 10-30-24 1630
Date TimeRelinquished By: [Signature] 10-30-24
Date TimeReceived By: JV 10/31/24 0540
Date TimeRelinquished By: [Signature] 10/31/24 0940
Date TimeReceived By: [Signature] 10/31/24 0950
Date Time



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

28 October 2022

Stockton, City of - MUD

Attn: City of Stockton

2500 Navy Dr

Stockton, CA 95206

RE: Spoils Characterization

Work Order: 22J2854

Enclosed are the results of analyses for samples received by the laboratory on 10/19/22 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Rachel J. Kaua

Project Manager



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
 Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
 North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
 San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | 760-930-2555 | ELAP# 3055
 Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | Service Center

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DWSP - Sludge Drying Basin #1-4	22J2854-01	Other (W)	10/19/22 08:35	10/19/22 22:30



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Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: City of Stockton Project: Spoils Characterization Project Number: DWSP Sludge Basin	Reported: 10/28/22 11:39
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Metals by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
Antimony	0.27	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	J
Arsenic	49	0.30	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Barium	61	2.0	5.0	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Beryllium	ND	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	U
Cadmium	ND	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	U
Chromium	11	0.60	0.70	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Cobalt	2.2	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Copper	27	0.60	0.70	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Lead	6.6	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Mercury	0.052	0.020	0.050	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Molybdenum	1.2	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Nickel	11	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Selenium	1.4	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Silver	ND	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	U
Thallium	ND	0.20	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	U
Vanadium	56	0.30	0.50	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	
Zinc	43	3.0	5.0	mg/kg	1	AJ24500	10/25/22 07:09	10/27/22 15:15	EPA 6020B	SFM	2303	

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Stockton, City of - MUD
2500 Navy Dr
Stockton CA, 95206

Project Manager: City of Stockton
Project: Spoils Characterization
Project Number: DWSP Sludge Basin

Reported:
10/28/22 11:39

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
% Solids	47	0.010	0.010	%	1	AJ23319	10/21/22 14:43	10/24/22 09:46	SM2540G	AMR	2303	



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Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: City of Stockton Project: Spoils Characterization Project Number: DWSP Sludge Basin	Reported: 10/28/22 11:39
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TPH by EPA GC Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
TPH as Diesel	ND	2.0	5.0	mg/kg	1	AJ24288	10/21/22 13:36	10/21/22 14:55	EPA 8015B	AMR	2303	U
TPH as Gasoline	ND	620	1000	ug/kg	1	AJ24470	10/24/22 08:00	10/24/22 12:26	EPA 8015B	MVA	2303	U
TPH as Motor Oil	ND	20	50	mg/kg	1	AJ24288	10/21/22 13:36	10/21/22 14:55	EPA 8015B	AMR	2303	U
Surrogate: o-Terphenyl		101 %	60-140			AJ24288	10/21/22 13:36	10/21/22 14:55	EPA 8015B	AMR	2303	



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Stockton, City of - MUD
 2500 Navy Dr
 Stockton CA, 95206

Project Manager: City of Stockton
 Project: Spoils Characterization
 Project Number: DWSP Sludge Basin

Reported:
 10/28/22 11:39

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
Dichlorodifluoromethane	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Chloromethane	ND	1.3	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Vinyl chloride	ND	0.50	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Bromomethane	ND	2.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Chloroethane	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Trichlorofluoromethane	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,1-Dichloroethene	ND	0.90	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Trichlorotrifluoroethane	ND	1.4	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Tert-butyl alcohol	ND	20	25	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Methyl iodide	ND	2.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Methylene chloride	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Carbon disulfide	ND	2.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Methyl tert-butyl ether	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
trans-1,2-Dichloroethene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,1-Dichloroethane	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Di-isopropyl ether	ND	2.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
cis-1,2-Dichloroethene	ND	0.50	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
2,2-Dichloropropane	ND	1.2	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Chloroform	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Bromochloromethane	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Tetrahydrofuran	ND	2.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,1,1-Trichloroethane	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2-Dichloroethane	ND	1.2	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,1-Dichloropropene	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Carbon tetrachloride	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Benzene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Tert-amyl methyl ether	ND	2.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Trichloroethene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2-Dichloropropane	ND	0.90	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Dibromomethane	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Methyl methacrylate	ND	2.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Bromodichloromethane	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
cis-1,3-Dichloropropene	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Toluene	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
trans-1,3-Dichloropropene	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,1,2-Trichloroethane	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,3-Dichloropropane	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
Dibromochloromethane	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Tetrachloroethene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2-Dibromoethane (EDB)	ND	0.38	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Chlorobenzene	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,1,1,2-Tetrachloroethane	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Ethylbenzene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
m,p-Xylene	ND	1.6	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
o-Xylene	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Styrene	ND	0.40	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Xylenes (total)	ND	2.3	5.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Bromoform	ND	0.50	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,1,2,2-Tetrachloroethane	ND	0.30	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Isopropylbenzene	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2,3-Trichloropropane	ND	0.26	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Bromobenzene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
n-Propylbenzene	ND	1.2	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
2-Chlorotoluene	ND	0.60	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
4-Chlorotoluene	ND	0.90	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,3,5-Trimethylbenzene	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
tert-Butylbenzene	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2,4-Trimethylbenzene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
sec-Butylbenzene	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,3-Dichlorobenzene	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
p-Isopropyltoluene	ND	0.90	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,4-Dichlorobenzene	ND	1.0	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2-Dichlorobenzene	ND	0.90	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Ethyl tert-butyl ether	ND	0.80	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
n-Butylbenzene	ND	0.70	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2-Dibromo-3-chloropropane	ND	0.41	3.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2,4-Trichlorobenzene	ND	0.90	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Naphthalene	ND	1.3	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Hexachlorobutadiene	ND	1.2	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
1,2,3-Trichlorobenzene	ND	1.2	2.0	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Methyl ethyl ketone	ND	5.1	15	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Methyl isobutyl ketone	ND	2.5	10	ug/kg	1	AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	U
Surrogate: Dibromofluoromethane		106 %	70-130			AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
Surrogate: Toluene-d8	98.7 %		70-130			AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	
Surrogate: Bromofluorobenzene	92.0 %		70-130			AJ24454	10/24/22 08:00	10/24/22 11:58	EPA 8260B	MVA	2303	



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Stockton, City of - MUD
 2500 Navy Dr
 Stockton CA, 95206

Project Manager: City of Stockton
 Project: Spoils Characterization
 Project Number: DWSP Sludge Basin

Reported:
 10/28/22 11:39

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
Acenaphthene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Acenaphthylene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Anthracene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Benzo (a) anthracene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Benzo (a) pyrene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Benzo (b) fluoranthene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Benzo (g,h,i) perylene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Benzo (k) fluoranthene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Benzyl alcohol	ND	0.90	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Bis(2-chloroethoxy)methane	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Benzidine	ND	0.50	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Bis(2-chloroethyl)ether	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Bis(2-chloroisopropyl)ether	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Bis(2-ethylhexyl)phthalate	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
4-Bromophenyl phenyl ether	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Butyl benzyl phthalate	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
4-Chloro-3-methylphenol	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
4-Chloroaniline	ND	0.20	0.66	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2-Chloronaphthalene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2-Chlorophenol	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
4-Chlorophenyl phenyl ether	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Chrysene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Di-n-butyl phthalate	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Di-n-octyl phthalate	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Dibenz (a,h) anthracene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Dibenzofuran	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
1,2-Dichlorobenzene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
1,3-Dichlorobenzene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
1,4-Dichlorobenzene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
3,3'-Dichlorobenzidine	ND	0.50	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2,4-Dichlorophenol	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Diethyl phthalate	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Dimethyl phthalate	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2,4-Dimethylphenol	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
4,6-Dinitro-2-methylphenol	ND	0.30	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2,4-Dinitrophenol	ND	0.20	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2,4-Dinitrotoluene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
2,6-Dinitrotoluene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
1,2-Diphenylhydrazine	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Fluoranthene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Fluorene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Hexachlorobenzene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Hexachlorobutadiene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Hexachlorocyclopentadiene	ND	0.20	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Hexachloroethane	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Indeno (1,2,3-cd) pyrene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Isophorone	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2-Methylnaphthalene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2-Methylphenol (o-cresol)	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
3 & 4-Methylphenol (m & p-cresol)	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
N-Nitrosodi-n-propylamine	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
N-Nitrosodiphenylamine	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
N-Nitrosodimethylamine	ND	0.10	0.66	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Naphthalene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2-Nitroaniline	ND	0.20	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
3-Nitroaniline	ND	0.30	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
4-Nitroaniline	ND	0.50	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Nitrobenzene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2-Nitrophenol	ND	0.10	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
4-Nitrophenol	ND	0.30	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Pentachlorophenol	ND	0.50	1.6	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Phenanthrene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Phenol	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Pyrene	ND	0.10	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Pyridine	ND	3.0	10	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
1,2,4-Trichlorobenzene	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2,4,5-Trichlorophenol	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
2,4,6-Trichlorophenol	ND	0.20	0.33	mg/kg	1	AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	U
Surrogate: 2-Fluorobiphenyl		60.6 %	60-130			AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	
Surrogate: 2-Fluorophenol		39.1 %	50-130			AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	S-GC
Surrogate: Nitrobenzene-d5		61.0 %	45-130			AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	
Surrogate: p-Terphenyl-d14		130 %	60-135			AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	
Surrogate: Phenol-d6		53.0 %	40-130			AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Semivolatile Organic Compounds by EPA Method 8270C

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Analyst	ELAP #	Notes
DWSP - Sludge Drying Basin #1-4 (22J2854-01) Other (W) Sampled: 10/19/22 08:35 Received: 10/19/22 22:30												
Surrogate: 2,4,6-Tribromophenol	64.5 %		40-135			AJ24395	10/21/22 13:10	10/21/22 22:38	EPA 8270C	SFM	2303	



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Stockton, City of - MUD
 2500 Navy Dr
 Stockton CA, 95206

Project Manager: City of Stockton
 Project: Spoils Characterization
 Project Number: DWSP Sludge Basin

Reported:
 10/28/22 11:39

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24500 - NB EPA 3050B

Blank (AJ24500-BLK1)

Prepared: 10/25/22 Analyzed: 10/27/22

Antimony	ND	0.20	0.50	mg/kg							U
Arsenic	ND	0.30	0.50	mg/kg							U
Barium	ND	2.0	5.0	mg/kg							U
Beryllium	ND	0.20	0.50	mg/kg							U
Cadmium	ND	0.20	0.50	mg/kg							U
Chromium	ND	0.60	0.70	mg/kg							U
Cobalt	ND	0.20	0.50	mg/kg							U
Copper	ND	0.60	0.70	mg/kg							U
Lead	ND	0.20	0.50	mg/kg							U
Mercury	ND	0.020	0.050	mg/kg							U
Molybdenum	ND	0.20	0.50	mg/kg							U
Nickel	ND	0.20	0.50	mg/kg							U
Selenium	ND	0.20	0.50	mg/kg							U
Silver	ND	0.20	0.50	mg/kg							U
Thallium	ND	0.20	0.50	mg/kg							U
Vanadium	0.327	0.30	0.50	mg/kg							J
Zinc	ND	3.0	5.0	mg/kg							U

LCS (AJ24500-BS1)

Prepared: 10/25/22 Analyzed: 10/27/22

Antimony	23.6	0.20	0.50	mg/kg	25.0	94.3	80-120
Arsenic	25.5	0.30	0.50	mg/kg	25.0	102	80-120
Barium	25.7	2.0	5.0	mg/kg	25.0	103	80-120
Beryllium	25.5	0.20	0.50	mg/kg	25.0	102	80-120
Cadmium	24.5	0.20	0.50	mg/kg	25.0	97.9	80-120
Chromium	27.3	0.20	0.50	mg/kg	25.0	109	80-120
Cobalt	26.9	0.20	0.50	mg/kg	25.0	107	80-120
Copper	27.2	0.20	0.50	mg/kg	25.0	109	80-120
Lead	25.5	0.20	0.50	mg/kg	25.0	102	80-120
Mercury	12.5	0.020	0.050	mg/kg	12.5	100	80-120
Molybdenum	25.2	0.20	0.50	mg/kg	25.0	101	80-120
Nickel	27.0	0.20	0.50	mg/kg	25.0	108	80-120
Selenium	21.1	0.20	0.50	mg/kg	25.0	84.5	80-120
Silver	5.33	0.20	0.50	mg/kg	5.00	107	80-120
Thallium	26.0	0.20	0.50	mg/kg	25.0	104	80-120
Vanadium	28.5	0.30	0.50	mg/kg	25.0	114	80-120
Zinc	22.0	3.0	5.0	mg/kg	25.0	88.1	80-120

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24500 - NB EPA 3050B

LCS Dup (AJ24500-BSD1)

Prepared: 10/25/22 Analyzed: 10/27/22

Antimony	23.2	0.20	0.50	mg/kg	25.0		92.9	80-120	1.46	20	
Arsenic	24.9	0.30	0.50	mg/kg	25.0		99.5	80-120	2.65	20	
Barium	25.1	2.0	5.0	mg/kg	25.0		100	80-120	2.38	20	
Beryllium	24.2	0.20	0.50	mg/kg	25.0		96.8	80-120	5.12	20	
Cadmium	23.9	0.20	0.50	mg/kg	25.0		95.7	80-120	2.27	20	
Chromium	25.7	0.20	0.50	mg/kg	25.0		103	80-120	6.00	20	
Cobalt	25.5	0.20	0.50	mg/kg	25.0		102	80-120	5.21	20	
Copper	25.4	0.20	0.50	mg/kg	25.0		102	80-120	6.84	20	
Lead	24.4	0.20	0.50	mg/kg	25.0		97.7	80-120	4.28	20	
Mercury	12.2	0.020	0.050	mg/kg	12.5		97.4	80-120	2.79	20	
Molybdenum	24.6	0.20	0.50	mg/kg	25.0		98.4	80-120	2.52	20	
Nickel	25.5	0.20	0.50	mg/kg	25.0		102	80-120	5.84	20	
Selenium	20.8	0.20	0.50	mg/kg	25.0		83.1	80-120	1.67	20	
Silver	5.33	0.20	0.50	mg/kg	5.00		107	80-120	0.0311	20	
Thallium	25.1	0.20	0.50	mg/kg	25.0		101	80-120	3.52	20	
Vanadium	27.1	0.30	0.50	mg/kg	25.0		108	80-120	5.04	20	
Zinc	21.5	3.0	5.0	mg/kg	25.0		86.0	80-120	2.41	20	

Duplicate (AJ24500-DUP1)

Source: 22J2905-01

Prepared: 10/25/22 Analyzed: 10/27/22

Antimony	ND	0.20	0.50	mg/kg		ND				20	U
Arsenic	ND	0.30	0.50	mg/kg		ND				20	U
Barium	ND	2.0	5.0	mg/kg		ND				20	U
Beryllium	ND	0.20	0.50	mg/kg		ND				20	U
Cadmium	ND	0.20	0.50	mg/kg		ND				20	U
Chromium	0.435	0.20	0.50	mg/kg		0.620			35.0	20	QD-02, J
Cobalt	ND	0.20	0.50	mg/kg		ND				20	U
Copper	ND	0.20	0.50	mg/kg		1.97			200	20	QD-02, U
Lead	ND	0.20	0.50	mg/kg		ND				20	U
Mercury	0.175	0.020	0.050	mg/kg		0.135			25.9	20	QD-02
Molybdenum	0.381	0.20	0.50	mg/kg		0.325			15.9	20	J
Nickel	ND	0.20	0.50	mg/kg		ND				20	U
Selenium	ND	0.20	0.50	mg/kg		ND				20	U
Silver	ND	0.20	0.50	mg/kg		ND				20	U
Thallium	ND	0.20	0.50	mg/kg		ND				20	U
Vanadium	29.0	0.30	0.50	mg/kg		34.4			16.9	20	
Zinc	3.00	3.0	5.0	mg/kg		ND				20	J

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24500 - NB EPA 3050B

Matrix Spike (AJ24500-MS1)		Source: 22J2854-01			Prepared: 10/25/22 Analyzed: 10/27/22						
Antimony	22.5	0.20	0.50	mg/kg	24.5	0.275	90.7	75-125			
Arsenic	59.8	0.30	0.50	mg/kg	24.5	48.9	44.4	75-125			QM-02
Barium	72.7	2.0	5.0	mg/kg	24.5	61.1	47.3	75-125			QM-02
Beryllium	21.4	0.20	0.50	mg/kg	24.5	ND	87.2	75-125			
Cadmium	22.3	0.20	0.50	mg/kg	24.5	ND	90.9	75-125			
Chromium	27.1	0.20	0.50	mg/kg	24.5	11.2	65.0	75-125			QM-01
Cobalt	19.6	0.20	0.50	mg/kg	24.5	2.25	70.8	75-125			QM-01
Copper	38.5	0.20	0.50	mg/kg	24.5	27.0	46.8	75-125			QM-01
Lead	29.6	0.20	0.50	mg/kg	24.5	6.57	93.8	75-125			
Mercury	11.9	0.020	0.050	mg/kg	12.3	0.0523	96.7	75-125			
Molybdenum	25.5	0.20	0.50	mg/kg	24.5	1.21	99.1	75-125			
Nickel	26.7	0.20	0.50	mg/kg	24.5	11.3	62.8	75-125			QM-01
Selenium	21.5	0.20	0.50	mg/kg	24.5	1.35	82.4	75-125			
Silver	4.18	0.20	0.50	mg/kg	4.90	ND	85.3	60-140			
Thallium	25.0	0.20	0.50	mg/kg	24.5	ND	102	75-125			
Vanadium	61.4	0.30	0.50	mg/kg	24.5	56.2	21.0	75-125			QM-02
Zinc	57.5	3.0	5.0	mg/kg	24.5	43.2	58.5	75-125			QM-02

Matrix Spike Dup (AJ24500-MSD1)		Source: 22J2854-01			Prepared: 10/25/22 Analyzed: 10/27/22						
Antimony	24.7	0.20	0.50	mg/kg	24.8	0.275	98.6	75-125	9.26	20	
Arsenic	64.1	0.30	0.50	mg/kg	24.8	48.9	61.4	75-125	6.96	20	QM-02
Barium	75.5	2.0	5.0	mg/kg	24.8	61.1	57.9	75-125	3.69	20	QM-02
Beryllium	23.4	0.20	0.50	mg/kg	24.8	ND	94.7	75-125	9.22	20	
Cadmium	24.5	0.20	0.50	mg/kg	24.8	ND	99.0	75-125	9.55	20	
Chromium	31.3	0.20	0.50	mg/kg	24.8	11.2	81.1	75-125	14.2	20	QM-01
Cobalt	22.6	0.20	0.50	mg/kg	24.8	2.25	82.3	75-125	14.3	20	QM-01
Copper	42.4	0.20	0.50	mg/kg	24.8	27.0	61.9	75-125	9.51	20	QM-01
Lead	32.1	0.20	0.50	mg/kg	24.8	6.57	103	75-125	8.34	20	
Mercury	13.2	0.020	0.050	mg/kg	12.4	0.0523	106	75-125	10.5	20	
Molybdenum	28.7	0.20	0.50	mg/kg	24.8	1.21	111	75-125	11.9	20	
Nickel	30.4	0.20	0.50	mg/kg	24.8	11.3	76.9	75-125	12.8	20	QM-01
Selenium	25.4	0.20	0.50	mg/kg	24.8	1.35	97.0	75-125	16.3	20	
Silver	4.35	0.20	0.50	mg/kg	4.95	ND	87.8	60-140	3.98	20	
Thallium	27.8	0.20	0.50	mg/kg	24.8	ND	112	75-125	10.3	20	
Vanadium	70.9	0.30	0.50	mg/kg	24.8	56.2	59.2	75-125	14.4	20	QM-02
Zinc	59.1	3.0	5.0	mg/kg	24.8	43.2	64.5	75-125	2.81	20	QM-02

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24500 - NB EPA 3050B

Reference (AJ24500-SRM1)

Prepared: 10/25/22 Analyzed: 10/27/22

Mercury	4.85	0.020	0.050	mg/kg	5.33	91.0	90-110			
Vanadium	75.4	0.30	0.50	mg/kg	74.8	101	90-110			



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Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: City of Stockton Project: Spoils Characterization Project Number: DWSP Sludge Basin	Reported: 10/28/22 11:39
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Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ23319 - NB EPA 3550A Ultrasonic

Blank (AJ23319-BLK1)

Prepared & Analyzed: 10/05/22

% Solids	ND	0.10	0.10	%							U
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Duplicate (AJ23319-DUP1)

Source: 22J0011-01

Prepared & Analyzed: 10/05/22

% Solids	42.0	0.010	0.010	%		46.0			8.86	20	
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Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: City of Stockton Project: Spoils Characterization Project Number: DWSP Sludge Basin	Reported: 10/28/22 11:39
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TPH by EPA GC Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AJ24288 - NB EPA 3550A Ultrasonic											
Blank (AJ24288-BLK1)						Prepared & Analyzed: 10/20/22					
TPH as Diesel	ND	2.0	5.0	mg/kg							U
Surrogate: o-Terphenyl	1.86			mg/kg	2.50		74.5	60-140			
LCS (AJ24288-BS1)						Prepared & Analyzed: 10/20/22					
TPH as Diesel	127	2.0	5.0	mg/kg	150		85.0	70-130			
Surrogate: o-Terphenyl	2.05			mg/kg	2.50		81.9	60-140			
Matrix Spike (AJ24288-MS1)						Source: 22J2580-01 Prepared & Analyzed: 10/20/22					
TPH as Diesel	135	2.0	5.0	mg/kg	150	ND	90.0	70-130			
Surrogate: o-Terphenyl	2.05			mg/kg	2.50		82.0	60-140			
Matrix Spike Dup (AJ24288-MSD1)						Source: 22J2580-01 Prepared & Analyzed: 10/20/22					
TPH as Diesel	136	2.0	5.0	mg/kg	150	ND	90.6	70-130	0.682	20	
Surrogate: o-Terphenyl	2.04			mg/kg	2.50		81.4	60-140			
Batch AJ24470 - NB EPA 5030 Soil GC											
Blank (AJ24470-BLK1)						Prepared & Analyzed: 10/24/22					
TPH as Gasoline	ND	620	1000	ug/kg							U
LCS (AJ24470-BS1)						Prepared & Analyzed: 10/24/22					
TPH as Gasoline	2560	620	1000	ug/kg	2500		102	70-130			
LCS Dup (AJ24470-BSD1)						Prepared & Analyzed: 10/24/22					
TPH as Gasoline	2430	620	1000	ug/kg	2500		97.3	70-130	5.20	20	

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Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: City of Stockton Project: Spoils Characterization Project Number: DWSP Sludge Basin	Reported: 10/28/22 11:39
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Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch AJ24454 - NB EPA 5030 Soil GCMS											
Blank (AJ24454-BLK1)											
						Prepared & Analyzed: 10/24/22					
1,1-Dichloroethene	ND	0.90	2.0	ug/kg							U
Benzene	ND	0.80	2.0	ug/kg							U
Trichloroethene	ND	0.80	2.0	ug/kg							U
Toluene	ND	1.0	2.0	ug/kg							U
Chlorobenzene	ND	0.70	2.0	ug/kg							U
Ethyl tert-butyl ether	ND	0.80	2.0	ug/kg							U
Surrogate: Dibromofluoromethane	54.2			ug/kg	50.0		108	70-130			
Surrogate: Toluene-d8	49.0			ug/kg	50.0		98.1	70-130			
Surrogate: Bromofluorobenzene	47.0			ug/kg	50.0		94.0	70-130			
LCS (AJ24454-BS1)											
						Prepared & Analyzed: 10/24/22					
1,1-Dichloroethene	57.3	0.90	2.0	ug/kg	62.5		91.7	70-130			
Benzene	68.6	0.80	2.0	ug/kg	62.5		110	70-130			
Trichloroethene	64.0	0.80	2.0	ug/kg	62.5		102	70-130			
Toluene	65.4	1.0	2.0	ug/kg	62.5		105	70-130			
Chlorobenzene	65.6	0.70	2.0	ug/kg	62.5		105	70-130			
Surrogate: Dibromofluoromethane	51.2			ug/kg	50.0		102	70-130			
Surrogate: Toluene-d8	47.9			ug/kg	50.0		95.8	70-130			
Surrogate: Bromofluorobenzene	46.6			ug/kg	50.0		93.2	70-130			
LCS Dup (AJ24454-BS1)											
						Prepared & Analyzed: 10/24/22					
1,1-Dichloroethene	56.9	0.90	2.0	ug/kg	62.5		91.0	70-130	0.744	25	
Benzene	68.9	0.80	2.0	ug/kg	62.5		110	70-130	0.473	25	
Trichloroethene	64.0	0.80	2.0	ug/kg	62.5		102	70-130	0.0781	25	
Toluene	65.4	1.0	2.0	ug/kg	62.5		105	70-130	0.115	25	
Chlorobenzene	66.3	0.70	2.0	ug/kg	62.5		106	70-130	1.06	25	
Surrogate: Dibromofluoromethane	48.6			ug/kg	50.0		97.2	70-130			
Surrogate: Toluene-d8	48.2			ug/kg	50.0		96.3	70-130			
Surrogate: Bromofluorobenzene	45.2			ug/kg	50.0		90.4	70-130			

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Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: City of Stockton Project: Spoils Characterization Project Number: DWSP Sludge Basin	Reported: 10/28/22 11:39
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Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24395 - NB EPA 3550C Ultrasonication GC SV

Blank (AJ24395-BLK1)

Prepared & Analyzed: 10/21/22

Acenaphthene	ND	0.10	0.33	mg/kg							U
Acenaphthylene	ND	0.10	0.33	mg/kg							U
Anthracene	ND	0.10	0.33	mg/kg							U
Benzo (a) anthracene	ND	0.10	0.33	mg/kg							U
Benzo (a) pyrene	ND	0.10	0.33	mg/kg							U
Benzo (b) fluoranthene	ND	0.10	0.33	mg/kg							U
Benzo (g,h,i) perylene	ND	0.10	0.33	mg/kg							U
Benzo (k) fluoranthene	ND	0.10	0.33	mg/kg							U
Benzyl alcohol	ND	0.90	1.6	mg/kg							U
Bis(2-chloroethoxy)methane	ND	0.20	0.33	mg/kg							U
Benzidine	ND	0.50	1.6	mg/kg							U
Bis(2-chloroethyl)ether	ND	0.20	0.33	mg/kg							U
Bis(2-chloroisopropyl)ether	ND	0.20	0.33	mg/kg							U
Bis(2-ethylhexyl)phthalate	ND	0.20	0.33	mg/kg							U
4-Bromophenyl phenyl ether	ND	0.20	0.33	mg/kg							U
Butyl benzyl phthalate	ND	0.20	0.33	mg/kg							U
4-Chloro-3-methylphenol	ND	0.20	0.33	mg/kg							U
4-Chloroaniline	ND	0.20	0.66	mg/kg							U
2-Chloronaphthalene	ND	0.20	0.33	mg/kg							U
2-Chlorophenol	ND	0.20	0.33	mg/kg							U
4-Chlorophenyl phenyl ether	ND	0.20	0.33	mg/kg							U
Chrysene	ND	0.10	0.33	mg/kg							U
Di-n-butyl phthalate	ND	0.20	0.33	mg/kg							U
Di-n-octyl phthalate	ND	0.20	0.33	mg/kg							U
Dibenz (a,h) anthracene	ND	0.10	0.33	mg/kg							U
Dibenzofuran	ND	0.10	0.33	mg/kg							U
1,2-Dichlorobenzene	ND	0.20	0.33	mg/kg							U
1,3-Dichlorobenzene	ND	0.20	0.33	mg/kg							U
1,4-Dichlorobenzene	ND	0.20	0.33	mg/kg							U
3,3'-Dichlorobenzidine	ND	0.50	1.6	mg/kg							U
2,4-Dichlorophenol	ND	0.20	0.33	mg/kg							U
Diethyl phthalate	ND	0.10	0.33	mg/kg							U
Dimethyl phthalate	ND	0.20	0.33	mg/kg							U
2,4-Dimethylphenol	ND	0.20	0.33	mg/kg							U
4,6-Dinitro-2-methylphenol	ND	0.30	1.6	mg/kg							U
2,4-Dinitrophenol	ND	0.20	1.6	mg/kg							U

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24395 - NB EPA 3550C Ultrasonication GC SV

Blank (AJ24395-BLK1)

Prepared & Analyzed: 10/21/22

2,4-Dinitrotoluene	ND	0.10	0.33	mg/kg							U
2,6-Dinitrotoluene	ND	0.20	0.33	mg/kg							U
1,2-Diphenylhydrazine	ND	0.20	0.33	mg/kg							U
Fluoranthene	ND	0.10	0.33	mg/kg							U
Fluorene	ND	0.10	0.33	mg/kg							U
Hexachlorobenzene	ND	0.10	0.33	mg/kg							U
Hexachlorobutadiene	ND	0.20	0.33	mg/kg							U
Hexachlorocyclopentadiene	ND	0.20	1.6	mg/kg							U
Hexachloroethane	ND	0.20	0.33	mg/kg							U
Indeno (1,2,3-cd) pyrene	ND	0.10	0.33	mg/kg							U
Isophorone	ND	0.20	0.33	mg/kg							U
2-Methylnaphthalene	ND	0.10	0.33	mg/kg							U
2-Methylphenol (o-cresol)	ND	0.20	0.33	mg/kg							U
3 & 4-Methylphenol (m & p-cresol)	ND	0.20	0.33	mg/kg							U
N-Nitrosodi-n-propylamine	ND	0.20	0.33	mg/kg							U
N-Nitrosodiphenylamine	ND	0.20	0.33	mg/kg							U
N-Nitrosodimethylamine	ND	0.10	0.66	mg/kg							U
Naphthalene	ND	0.10	0.33	mg/kg							U
2-Nitroaniline	ND	0.20	1.6	mg/kg							U
3-Nitroaniline	ND	0.30	1.6	mg/kg							U
4-Nitroaniline	ND	0.50	1.6	mg/kg							U
Nitrobenzene	ND	0.20	0.33	mg/kg							U
2-Nitrophenol	ND	0.10	1.6	mg/kg							U
4-Nitrophenol	ND	0.30	1.6	mg/kg							U
Pentachlorophenol	ND	0.50	1.6	mg/kg							U
Phenanthrene	ND	0.10	0.33	mg/kg							U
Phenol	ND	0.20	0.33	mg/kg							U
Pyrene	ND	0.10	0.33	mg/kg							U
Pyridine	ND	3.0	10	mg/kg							U
1,2,4-Trichlorobenzene	ND	0.20	0.33	mg/kg							U
2,4,5-Trichlorophenol	ND	0.20	0.33	mg/kg							U
2,4,6-Trichlorophenol	ND	0.20	0.33	mg/kg							U
Surrogate: 2-Fluorobiphenyl	3.78			mg/kg	5.00		75.6	60-130			
Surrogate: 2-Fluorophenol	1.05			mg/kg	5.00		21.0	50-130			
Surrogate: Nitrobenzene-d5	3.33			mg/kg	5.00		66.5	45-130			S-GC
Surrogate: p-Terphenyl-d14	6.66			mg/kg	5.00		133	60-135			

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24395 - NB EPA 3550C Ultrasonication GC SV

Blank (AJ24395-BLK1)

Prepared & Analyzed: 10/21/22

Surrogate: Phenol-d6	2.53			mg/kg	5.00		50.6	40-130			
Surrogate: 2,4,6-Tribromophenol	3.63			mg/kg	5.00		72.6	40-135			

LCS (AJ24395-BS1)

Prepared & Analyzed: 10/21/22

Acenaphthene	3.54	0.10	0.33	mg/kg	2.50		142	55-120			QL-11
4-Chloro-3-methylphenol	3.56	0.20	0.33	mg/kg	5.00		71.1	55-120			
2-Chlorophenol	5.40	0.20	0.33	mg/kg	5.00		108	55-130			
1,4-Dichlorobenzene	2.69	0.20	0.33	mg/kg	2.50		108	55-130			
2,4-Dinitrotoluene	1.73	0.10	0.33	mg/kg	2.50		69.3	35-120			
4-Nitrophenol	4.59	0.30	1.6	mg/kg	5.00		91.7	35-120			
Pentachlorophenol	2.16	0.50	1.6	mg/kg	5.00		43.1	40-140			
Phenol	4.89	0.20	0.33	mg/kg	5.00		97.9	55-120			
Pyrene	3.25	0.10	0.33	mg/kg	2.50		130	50-150			
1,2,4-Trichlorobenzene	2.34	0.20	0.33	mg/kg	2.50		93.5	55-120			
Surrogate: 2-Fluorobiphenyl	4.60			mg/kg	5.00		91.9	60-130			
Surrogate: 2-Fluorophenol	2.20			mg/kg	5.00		44.0	50-130			S-GC
Surrogate: Nitrobenzene-d5	4.39			mg/kg	5.00		87.9	45-130			
Surrogate: p-Terphenyl-d14	7.45			mg/kg	5.00		149	60-135			S-GC
Surrogate: Phenol-d6	3.90			mg/kg	5.00		78.1	40-130			
Surrogate: 2,4,6-Tribromophenol	4.75			mg/kg	5.00		95.0	40-135			

LCS Dup (AJ24395-BS1)

Prepared & Analyzed: 10/21/22

Acenaphthene	3.72	0.10	0.33	mg/kg	2.50		149	55-120	4.72	25	QL-11
4-Chloro-3-methylphenol	3.34	0.20	0.33	mg/kg	5.00		66.9	55-120	6.18	25	
2-Chlorophenol	5.56	0.20	0.33	mg/kg	5.00		111	55-130	2.97	25	
1,4-Dichlorobenzene	2.59	0.20	0.33	mg/kg	2.50		104	55-130	3.52	25	
2,4-Dinitrotoluene	1.96	0.10	0.33	mg/kg	2.50		78.5	35-120	12.4	25	
4-Nitrophenol	4.81	0.30	1.6	mg/kg	5.00		96.2	35-120	4.74	25	
Pentachlorophenol	2.34	0.50	1.6	mg/kg	5.00		46.8	40-140	8.20	25	
Phenol	4.98	0.20	0.33	mg/kg	5.00		99.6	55-120	1.76	25	
Pyrene	3.34	0.10	0.33	mg/kg	2.50		133	50-150	2.62	25	
1,2,4-Trichlorobenzene	2.34	0.20	0.33	mg/kg	2.50		93.7	55-120	0.189	25	
Surrogate: 2-Fluorobiphenyl	4.36			mg/kg	5.00		87.2	60-130			
Surrogate: 2-Fluorophenol	2.06			mg/kg	5.00		41.3	50-130			S-GC
Surrogate: Nitrobenzene-d5	4.19			mg/kg	5.00		83.8	45-130			
Surrogate: p-Terphenyl-d14	7.48			mg/kg	5.00		150	60-135			S-GC
Surrogate: Phenol-d6	3.93			mg/kg	5.00		78.5	40-130			

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Stockton, City of - MUD	Project Manager: City of Stockton	Reported:
2500 Navy Dr	Project: Spoils Characterization	10/28/22 11:39
Stockton CA, 95206	Project Number: DWSP Sludge Basin	

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch AJ24395 - NB EPA 3550C Ultrasonication GC SV

LCS Dup (AJ24395-BSD1)

Prepared & Analyzed: 10/21/22

Surrogate: 2,4,6-Tribromophenol	4.87			mg/kg	5.00		97.4	40-135			
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Matrix Spike (AJ24395-MS1)

Source: 22J2854-01

Prepared & Analyzed: 10/21/22

Acenaphthene	3.33	0.10	0.33	mg/kg	2.50	ND	133	35-120			QM-01
4-Chloro-3-methylphenol	2.94	0.20	0.33	mg/kg	5.00	ND	58.7	50-120			
2-Chlorophenol	4.66	0.20	0.33	mg/kg	5.00	ND	93.1	50-120			
1,4-Dichlorobenzene	1.95	0.20	0.33	mg/kg	2.50	ND	78.0	55-120			
2,4-Dinitrotoluene	1.40	0.10	0.33	mg/kg	2.50	ND	55.9	35-120			
4-Nitrophenol	3.09	0.30	1.6	mg/kg	5.00	ND	61.9	35-120			
Pentachlorophenol	0.715	0.50	1.6	mg/kg	5.00	ND	14.3	40-140			QM-01, J
Phenol	4.15	0.20	0.33	mg/kg	5.00	ND	82.9	55-120			
Pyrene	3.24	0.10	0.33	mg/kg	2.50	ND	130	50-150			
1,2,4-Trichlorobenzene	2.14	0.20	0.33	mg/kg	2.50	ND	85.7	55-120			
Surrogate: 2-Fluorobiphenyl	3.41			mg/kg	5.00		68.3	60-130			
Surrogate: 2-Fluorophenol	1.50			mg/kg	5.00		29.9	50-130			S-GC
Surrogate: Nitrobenzene-d5	2.95			mg/kg	5.00		59.0	45-130			
Surrogate: p-Terphenyl-d14	6.87			mg/kg	5.00		137	60-135			S-GC
Surrogate: Phenol-d6	3.00			mg/kg	5.00		59.9	40-130			
Surrogate: 2,4,6-Tribromophenol	3.92			mg/kg	5.00		78.3	40-135			

Matrix Spike Dup (AJ24395-MSD1)

Source: 22J2854-01

Prepared & Analyzed: 10/21/22

Acenaphthene	3.18	0.10	0.33	mg/kg	2.50	ND	127	35-120	4.62	25	QM-01
4-Chloro-3-methylphenol	2.88	0.20	0.33	mg/kg	5.00	ND	57.6	50-120	2.01	25	
2-Chlorophenol	4.52	0.20	0.33	mg/kg	5.00	ND	90.4	50-120	3.01	25	
1,4-Dichlorobenzene	1.14	0.20	0.33	mg/kg	2.50	ND	45.7	55-120	52.3	25	QM-01
2,4-Dinitrotoluene	1.44	0.10	0.33	mg/kg	2.50	ND	57.7	35-120	3.25	25	
4-Nitrophenol	3.62	0.30	1.6	mg/kg	5.00	ND	72.3	35-120	15.5	25	
Pentachlorophenol	1.36	0.50	1.6	mg/kg	5.00	ND	27.3	40-140	62.3	25	QM-01, J
Phenol	4.05	0.20	0.33	mg/kg	5.00	ND	81.0	55-120	2.35	25	
Pyrene	3.20	0.10	0.33	mg/kg	2.50	ND	128	50-150	1.39	25	
1,2,4-Trichlorobenzene	1.71	0.20	0.33	mg/kg	2.50	ND	68.3	55-120	22.7	25	
Surrogate: 2-Fluorobiphenyl	3.27			mg/kg	5.00		65.4	60-130			
Surrogate: 2-Fluorophenol	1.77			mg/kg	5.00		35.4	50-130			S-GC
Surrogate: Nitrobenzene-d5	3.15			mg/kg	5.00		63.0	45-130			
Surrogate: p-Terphenyl-d14	6.78			mg/kg	5.00		136	60-135			S-GC
Surrogate: Phenol-d6	3.20			mg/kg	5.00		64.0	40-130			
Surrogate: 2,4,6-Tribromophenol	3.96			mg/kg	5.00		79.2	40-135			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Alpha Analytical Laboratories, Inc. email: clientservices@alpha-labs.com
 Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

Stockton, City of - MUD 2500 Navy Dr Stockton CA, 95206	Project Manager: City of Stockton Project: Spoils Characterization Project Number: DWSP Sludge Basin	Reported: 10/28/22 11:39
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Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration, detected but not quantified (DNQ).
QD-02	High duplicate RPD due to sample non-homogeneity.
QL-11	The LCS and/or LCSD recovery was high for this analyte. Sample results in the batch were accepted based on non-detect for the analyte.
QM-01	The spike recovery for this QC sample is outside of established control limits possibly due to a sample matrix interference.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
S-GC	Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogates.
U	Analyte included in analysis, but not detected at or above MDL.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
MDL	Method detection limit
Rec	Recovery
RPD	Relative Percent Difference

Non-accredited analytes are reported only when ELAP accreditation for a requested analyte method pair is not available. For a list of accredited analytes, view our certificates at the Company link on our website at www.alpha-labs.com or contact your Project Manager directly.

San Diego Service Center
2722 Loker Ave West, Ste A, Carlsbad CA 92010

Reports and Invoices delivered by email in PDF format

Lab No 2252854 Pg _____ of _____

[illegible]

9/15/2022

WORK ORDER

Printed: 10/20/2022 11:11:02AM

22J2854

Alpha Analytical Laboratories Ukiah to North Bay Chain of Custody

Client: Stockton, City of - MUD

Client Code: CVRK_STOCK

Bid: 1_Master Projects Price List 2

Project: Spoils Characterization

Project Number: DWSP Sludge Basin

PO #: 908739

Date Due: 10/25/22 15:00 (3 day TAT)

Received By: James E. Eubanks

Date Received: 10/19/22 22:30

Logged In By: Sean Foley

Date Logged: 10/20/22 11:06

Samples Received at: _____ deg C

All containers received and intact: YES NO

Analysis	Department	Expires	Comments
22J2854-01 DWSP - Sludge Drying Basin #1,2,3,4 [Other (W)] Sampled 10/19/22 COMP 4:1			
08:35			
NB 8260 Full List	NB GCMS	11/02/22 23:59	
NB 8270 Regular List	NB SVGC	11/02/22 23:59	
NB Ag Total 6020B	NB Metals	04/17/23 08:35	
NB As Total 6020B	NB Metals	04/17/23 08:35	
NB Ba Total 6020B	NB Metals	04/17/23 08:35	
NB Be Total 6020B	NB Metals	04/17/23 08:35	
NB Cd Total 6020B	NB Metals	04/17/23 08:35	
NB Co Total 6020B	NB Metals	04/17/23 08:35	
NB Comp Fee	NB Metals	04/17/23 08:35	
NB Cr Total 6020B	NB Metals	04/17/23 08:35	
NB Cu Total 6020B	NB Metals	04/17/23 08:35	
NB Hg Total 6020B	NB Metals	04/17/23 23:59	
NB Mo Total 6020B	NB Metals	04/17/23 08:35	
NB Ni Total 6020B	NB Metals	04/17/23 08:35	
NB Pb Total 6020B	NB Metals	04/17/23 08:35	
NB Sb Total 6020B	NB Metals	04/17/23 08:35	
NB Se Total 6020B	NB Metals	04/17/23 08:35	
NB Solids, Dry Weight	NB SVGC	10/26/22 23:59	
NB Ti Total 6020B	NB Metals	04/17/23 08:35	
NB TPH D/MO	NB SVGC	11/02/22 23:59	
NB TPH G 8015	NB GC	11/02/22 23:59	
NB V Total 6020B	NB Metals	04/17/23 08:35	
NB Zn Total 6020B	NB Metals	04/17/23 08:35	

Relinquished By

Date

Time

Received By

Date

Time

Relinquished By

Date

Time

Received By

Date

Time

WORK ORDER

ATTACHMENT B

Printed: 10/20/2022 11:11:02AM

22J2854

Alpha Analytical Laboratories Ukiah to North Bay Chain of Custody

Client: Stockton, City of - MUD

Client Code: CVRK_STOCK

Bid: 1_Master Projects Price List 2

Project: Spoils Characterization

Project Number: DWSP Sludge Basin

PO #: 908739

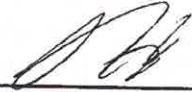



Containers Supplied:

8 oz. jar (A)

8 oz. jar (B)

8 oz. jar (C)

8 oz. jar (D)

Relinquished By 	10/20/22		Received By 	10/21/22	0730
	Date	Time		Date	Time
Relinquished By 	10/21/22	1215	Received By 	10/21	1430
	Date	Time		Date	Time