ADVANCED TECHNOLOGY
LABORATORIES

Laboratory Excellence Defined

Statement of Qualifications

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NELAP ACCREDITED
TNI
LABORATORY

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Overview

Advanced Technology Laboratories (ATL) was established in 1992 as an environmental testing laboratory in Signal Hill, California. ATL offers a wide variety of chemical and physical analyses, including organics and inorganics in water, wastewater, soil, hazardous waste, and air. Services are offered nationwide as well as internationally to engineering firms, government agencies and other laboratories.

ATL is accredited to perform environmental analytical services by the following regulatory agencies:

- California State Water Resources Control Board (ELAP)
- National Environmental Laboratory Accreditation Program (NELAP)

ATL has developed a superior quality system to both fully comply with the specific requirements of the above agencies as well as ensure accurate and consistent results for each of our clients. Each staff member is fully committed to quality and client responsiveness.

ATL is also certified under several programs relating to business structure and ownership including:

- Certification as a Small Business Enterprise (SBE)
- Certification as a Minority Business Enterprise (MBE)
- Certification as a Disadvantaged Business Enterprise
- Approval as a certified lab by LA County Sanitation Districts
- Soil permit granted by the US Department of Agriculture

Copies of these certificates are included as part of the Appendices.

ATL is a full-service environmental testing laboratory. Our business is providing analytical services to meet the needs of your project, your facility or your corporation. Whether you need analysis by traditional EPA methods or require a method developed by our chemists, ATL has a team of experienced professionals to successfully achieve your goal. And with state-of-the-art equipment, instrument redundancy and a computerized Laboratory Information Management System (LIMS), ATL provides timely analytical results to its clients.

We maintain versatility in meeting client needs and are able to perform and develop specialized testing in compliance with routine and non-routine investigations. US Environmental Protection Agency (EPA) Methods, Standard Methods and SW846 Methods are utilized to perform analysis, and our strict quality assurance program validates analytical results.

Our Mission Statement is:

ATL's Mission is Customer Satisfaction, which is achieved by providing the best possible laboratory services in a timely manner with emphasis on Quality and Cost Effective results with regard for safety and the environment.

Environmental Testing Services

Advanced Technology Laboratories provides a full range of environmental testing services, with 24-hour to 5-day turnaround times. The following represent these services:

Water and Wastewater

- Inorganic Chemistry
- Organic Chemistry
- Wastewater Analysis
- Sampling/monitoring of water/wastewater

Hazardous Waste

- Hazardous material characterization
- Waste contamination

NPDES Priority Pollutants

- Perchlorates
- Oxygenates
- 1,4-Dioxane
- Alcohols
- Pesticides and PCBs
- Phenols
- Volatile Aromatics
- Chlorinated Hydrocarbons

Underground Storage Tank Investigations

- Petroleum Hydrocarbons
- Metals
- Oxygenates
- Purgeable Aromatics

Air/Soil Vapor

- Volatile Organic Compounds
- TPH as Gas

Electronic Deliverables

Advanced Technology Laboratories maintains a Laboratory Information Management System (LIMS) that is capable of acquiring direct instrumentation data and generating analytical reports. Electronic data deliverables (EDD) can be customized based on regulatory or client requirements, such as Geotracker EDF, Caltrans Storm Water EDD and EQUIS EDF. Reports can be delivered in portable document format (PDF), MS Excel, ASCII or MS Access format.

Instrumentation

Analytical chemistry procedures employed by Advanced Technology Laboratories are in compliance with Standard Methods, EPA and SW846 methodologies using the following technologies:

- Gas Chromatography – FID, ECD, NPD
- Gas Chromatography/Mass Spectroscopy (GC/MS)
- Atomic Absorption Spectroscopy – Cold Vapor
- Inductively Coupled Plasma Spectroscopy
- Inductively Coupled Plasma Spectroscopy/Mass Spectroscopy
- Ion Chromatography
- Wet Chemistry – UV/Vis, Ion-Selective Electrode
- Gravimetry

Our state-of-the-art facilities are equipped with redundant instrumentation that enables timely delivery of results to clients. Below is our equipment list:

EQUIPMENT LIST

Volatile Organics- EPA Method 8260/624			
Qty	**Equipment**	**Make**	**Model**
4	Gas Chromatograph	Hewlett Packard	6890
4	GC Mass Spectrometer	Hewlett Packard	5973 MSD Quadrupole
4	Purge & Trap Concentrator + Auto Sampler	Tekmar	AtomX
4	Data System	Hewlett Packard	Enviroquant
1	Analytical Balance	Ohaus	NV212
3	Computers	Dell	Optiplex 980, GX280, Dimension 5150
1	Computer	HP	HP COMPAQ
2	Printers	Kyocera	FS P2135DN Task alfa 4500i (4055)
Volatile Organics- EPA Method 8015/8021			
Qty	**Equipment**	**Make**	**Model**
2	Gas Chromatograph	Hewlett Packard	6890 with FID /PID
2	Purge & Trap Concentrator	Tekmar	Stratum
1	Auto Sampler	Varian	Archon
1	Auto Sampler	Tekmar	AtomX
2	Data System	Hewlett Packard	Enviroquant
2	Computers	Dell	Optiplex 980(2)
1	Printer	Kyocera	FS P2135DN(25135)
1	Refrigerator	Frigidaire	-
Volatiles Extraction			
Qty	**Equipment**	**Make**	**Model**
1	TCLP ZHE Extractor	Millipore	-----
Semi-volatile Organics- EPA Method 8270/625			
Qty	**Equipment**	**Make**	**Model**
3	Gas Chromatograph	Agilent	6890

1	Gas Chromatograph	Agilent	7890
3	Mass Spectrometer	Agilent	5973/5973N MSD Quadrupole
1	Mass Spectrometer	Agilent	5975 MSD Quadruple
1	Liquid Auto Injector	Agilent	G4513A
2	Liquid Auto sampler	Agilent	7683
1	Liquid Auto sampler	Agilent	7693A
3	Data System	Agilent	Enviroquant
1	Refrigerator	Magic Chef	-
1	Computer	Dell	Optiplex 320
1	Computer	Sony Vaio	
1	Printer/Copier/Scanner	Kyocera	M2535dn
Semi-volatile Organics- EPA Method 8015/ 8081/8082			
Qty	**Equipment**	**Make**	**Model**
3	Gas Chromatograph	Agilent	6890 Series w/ dual ECD
2	Gas Chromatograph	Agilent	6890 Series FID
1	Gas Chromatograph	PerkinElmer	Clarus600 w/ FID
1	Liquid Auto Sampler	Hewlett Packard	7673
3	Liquid Auto Sampler	Hewlett Packard	6890
1	Liquid Auto Sampler	Hewlett Packard	7683
5	Data System	Hewlett Packard	Enviroquant
1	Data System	Perkin Elmer	TotalChrom
5	Computer	Dell	Optiplex 320, Optiplex 330, Dimension 3100, Vostro 220
1	Computer	Hewlett Packard	HP Compaq
4	Printer	Kyocera	FS P2135DN
1	Printer	Kyocera	P6130dcn
1	Printer/Copier/Scanner	Kyocera	M2535dn
1	Hood	Presscott	Custom
4	Refrigerators	Various	
Semivolatiles Extraction			
Qty	**Equipment**	**Make**	**Model**
2	Microwave Digestion System	CEM	Mars 6
2	Shaker	VWR and Thermo Scientific	Orbit Shaker
1	Computer	Dell	Optiplex 320
1	Printer	Kyocera	FS P2135DN
4	Fume Hood	Genie Scientific	
2	Sonicator	Tekmar	Various
4	TurboVap Concentrator	Zymark	TurboVap II
1	Refrigerator		
1	TCLP Bottle Extractor	Environmental Express	-----
1	Top Loading Balance	Sartorius	AY511
Metals- EPA Method 6000/200 Series			
Qty	**Equipment**	**Make**	**Model**
3	Inductively Coupled Plasma	Perkin Elmer	Optima 8300, Avio 500
1	Inductively Coupled Plasma_Mass Spectrophotometer	Perkin Elmer	NexIon
2	Auto Sampler	Perkin Elmer	AS93 plus
2	Auto Sampler	ESI	SC-FAST
4	Chiller	Polyscience	
4	Data System	Perkin Elmer	Syngistix, NexIon
4	Computer	Dell	Optiplex 980 (3), Optiplex 320
4	Printer	Kyocera	FSP2135DN, FS-1128MFP

1	Analytical balance	Sartorius	Practum 32629577
2	Hot Block Digester	Env. Express	----
Metals- EPA Method 7000 Series			
Qty	**Equipment**	**Make**	**Model**
2	Autosampler	Perkin Elmer	AS-90
2	Mercury Cold Vapor Analyzer	Perkin Elmer	FIMS 400, FIMS
2	Data System	Perkin Elmer	Winlab32, Syngistix
3	Computer	Dell	Optiplex GX280, 980; Dimension 3000
1	Printer	Kyocera	FS-1370DN
Metals Prep			
Qty	**Equipment**	**Make**	**Model**
4	Hot Block Digester	Env.Express	-----
1	Labeler	Zebra	Z4000
1	Computer	Dell	Optiplex 980
1	Printer	Kyocera	FS-1370DN
3	Fume Hood	Genie Scientific (1), Lab Conco (2)	
2	TCLP Rotator	Environmental Express	-----
2	Top Loading Balance	Ohaus	NV212, SPX222
1	Top Loading Balance	Mettler	PL202-S
Air Emissions EPA TO-15			
Qty	**Equipment**	**Make**	**Model**
2	Gas Chromatograph	Agilent	7890A
1	Gas Chromatograph	Agilent	6890
2	Mass Spectrometer	Agilent	5975C MSD Quadrupole
1	Mass Spectrometer	Agilent	5973 MSD Quadruple
3	Preconcentrator	Entech	7200CTS
3	Autosampler	Entech	7016, 7650-M
1	Dynamic Diluter	Entech	4600A
1	Canister Cleaner	Entech	3100A
2	Data System	Hewlett Packard	Enviroquant
2	Computer	Dell	Vostro 200, Optiplex 320
1	Computer	Hewlett Packard	HP Compaq
Dissolved Gases RSK-175			
Qty	**Equipment**	**Make**	**Model**
1	Gas Chromatograph	Hewlett Packard	5890 Series II with FID/TCD
1	Data System	Hewlett Packard	Enviroquant
1	Computer	Dell	GX1
Inorganic Instrumentation - EPA Method 300 Series, TOC			
Qty	**Equipment**	**Make**	**Model**
1	TOC Analyzer	Shimadzu	TOC-V_{CSH}
1	TOC Autosampler	Shimadzu	ASI-V
2	Ion Chromatograph	Dionex	ICS-2000
1	Ion Chromatograph	Dionex	ICS-5000+
1	Data System	Shimadzu	Integrated w/instrument
4	Data System	Dionex	Integrated w/instrument
2	Auto Sampler	Dionex	AS
2	Auto Sampler	Dionex	AS40
1	Auto Sampler	Dionex	AS-DV
7	Computer	Dell	Optiplex 745 and 980, GX620, GX270, Dimension 2400
1	Refrigerator		
1	Analytical Balance	Mettler Toledo	XS205DU

1	Balance	Ohaus	ScoutProSP202
1	Printer	Kyocera	FS-4020DN
1	Conductivity meter	VWR	Unknown
1	Hot Block	Environmental Express	SC154
1	Oven	VWR	
1	Stirrer/Hot Plate	Fisher Scientific	Isotemp
1	StirBase	Environmental Express	
1	StirBase Controller	V&P Scientific Inc.	VP710C1
Classical Wet Chemistry			
Qty	**Equipment**	**Make**	**Model**
1	Analytical Balance	Mettler Toledo	AB204
1	Analytical Balance	Mettler Toledo	PL202-S
1	COD Digestion Block	Hach	LTG082.54.44001
1	Conductivity Meter	VWR	-
1	Cyanide / Ammonia Distillation Set-up	Environmental Express	Cyanide / Ammonia
1	Oil and Grease Extraction Set-up	Horizon	Speed Vap II 9000 / Speed Vap III
1	Oil/Grease Vacuum	Air Tech	L-25-G1
1	pH Meter	Thermo Scientific	720A
1	Centrifuge	Beckman Coulter	Allegra X-22
1	Centrifuge	Dupont	GLC-3
3	Specific Ion Electrodes	Orion	Miscellaneous
2	UV/VIS Spectrophotometer	Thermo	Helios Gamma
2	Water Purifier	Barnstead	440046
3	Computer	Dell	Optiplex 980, Gx110, Optiplex
1	Printer	Kyocera	P2135dn
1	Vacuum Pump	Air Tech	L-25-G1
4	Hood	Genie Scientific	
1	Oven	Baxter	DS-64
2	Stirrer	Fisher Scientific	PC-353, Isotemp
Sample Control			
Qty	**Equipment**	**Make**	**Model**
1	pH/Conductivity Meter	Thermo Orion	Orion 4 Star pH/Conductivity meter
1	Total and Free residual chlorine kit	Hach	Pocket Colorimeter II
1	Turbidity Meter	Hach	2100P Turbidity meter
1	Top Loading Balance	Mettler Toledo	BD1201
20	Sample Coolers	Miscellaneous	Various sizes
1	Walk-in Refrigerator	Norlake	4°C coolers for Volatile
1	Walk-in Refrigerator	Norlake	4°C coolers for Water
1	Walk-in Refrigerator	Norlake	4°C coolers for Soil
1	Walk-in Refrigerator	Norlake	4°C coolers for Holding samples
4	Freezer	Frigidaire	FFU2124DWW9
4	Computer	Dell	OPTIPLEX 980
2	Printer/Copier/Fax	Kyocera	FS-1128MFP
2	Printer	WASP	WPL606
1	Fume Hood	Presscott	Custom
Field/Courier Services			
Qty	**Equipment**	**Make**	**Model**
1	Field Car	Toyota	Prius
1	Field Truck	Chevrolet	Avalanche
2	Field Truck	Chevrolet	Colorado
2	H2S monitor	MSA	ALTAIR PRO

1	pH meter	Hach	Orion 3 Star Portable PH meter
1	Total and Free Residual Chlorine Kit	Hach	Pocket Colorimeter II
2	Bailers/Sampling Thief		
Document Control/Client Services			
Qty	**Equipment**	**Make**	**Model**
1	Computer	Dell	OPTIPLEX 980
1	Copier/Scanner /Printer	Konica Minolta	BIZHUB 454
1	Printer	Kyocera	FS-1370DN
1	Scanner	Fujitsu	F1-6670
Laboratory Information Management System (LIMS)			
Qty	**Equipment**	**Make**	**Model**
2	Domain Name Servers	Dell	Vostro
1	VM Host1	Dell	PowerEdge R620
1	VM Host2	Dell	PowerEdge R620
1	VM Host3	Dell	PowerEdge R620
1	VM Host4	Dell	PowerEdge R710
1	Back Up Server	Dell	PowerEdge T620
1	Phone System	Fonality	Professional Server
1	NAS Archive Storage	Dell	PowerVault NX400
1	FTP Server	Dell	Precision 390
1	Desktop	Dell	Optiplex 980
Health and Safety			
Qty	**Equipment**	**Make**	**Model**
4	First Aid Kits	Empire Safety Products	Various
13	Fire Extinguishers	Underwriter Laboratories	First Alert
4	Half Face Masks with Acid and Organic Vapor Cartridges	North Safety	7700
10	Portable Eye Wash/Plumbed	Fend-all Company	EyeSaline
2	Safety Shower	Speakman	
1	Spill Containment Set-up	Labconco	-----
1	Spill Kit	Labconco	-----

Key Personnel

Edgar Caballero Laboratory Director	Edgar Caballero has over 50 years of diverse experience in environmental, petroleum, plastics, alloys, polymer chemistry, waste minimization, waste treatment, analyses of gases, water, and soil as well as consumer products. His environmental experience dates back to his work as a research chemist for Stauffer Chemical, Dow Chemical, Los Angeles county Sanitation Districts, and Nalco chemical. He subsequently founded and managed the second largest environmental laboratory in the State of California which was subsequently sold to ENSECO and eventually became part of the TEST AMERICA group of laboratories. His comprehensive experience as an environmental specialist includes laboratory testing of organics, inorganics, biological and microbiological using EPA methods, Standard Methods, ASTM Methods, API, and UOP methods. His extensive industrial chemistry experience in areas such as oil production and refining as well as polymer synthesis and wastewater treatment facilitate the decision-making process in waste characterization of difficult environmental sites. Mr. Caballero's work in the petroleum industry has led to many innovations such as the formulation of products used in enhanced oil recovery, deodorizers for petroleum waste products, scale and corrosion inhibitors, flocculating agents, chemical tracers, and biocides.
Edgar Morrison Operations Manager	With over 20 years of experience, Edgar Morrison has extensive knowledge in different instrumentation involving organics analysis. He has performed GC and GC/MS analysis by different EPA methods. Mr. Morrison has obtained training from Hewlett Packard in GC maintenance and Tekmar for the operation of the LSC 3000 Purge & Trap and Precept Autosampler.
James Lin QA Officer	James Lin has extensive experience in quality assurance and organic analysis. He is responsible for implementing and monitoring the laboratory's quality assurance and safety program. He is involved with ELAP and NELAP certification of the laboratory. His technical specialties include data validation and review, LIMS implementation, and LIMS maintenance. He also provides technical and hands on assistance in equipment maintenance, field work, and data analysis.
Amy Leung	Amy Leung has a master's degree in Chemistry and over 8 years of experience in the environmental testing industry as a GC/MS. She supervises and directs the day-to-day activities of the department inclusive of administrative functions, laboratory work flow, quality control, maintenance, and safety.

Eddie Ngo Inorganic Dept. Supervisor	With over 25 years of experience as an inorganic chemist and assistant supervisor, he has extensive knowledge in ICP and ICP/MS instrumentation. He supervises and directs the day-to-day activities of the department inclusive of administrative functions, laboratory work flow, quality control, maintenance, and safety. He reviews data for accuracy and compliance to project requirements. He provides technical and hands on assistance in equipment maintenance.
Edric Caballero Vice President	

Project Experience

Advanced Technology Laboratories has proven that it can handle high volume projects with rigorous QA/QC requirements as demonstrated by the following examples. The handling of high-volume work is evidenced by the continuous flow of Caltrans work. ATL is also diversified in its experience, such as groundwater monitoring, landfill monitoring, underground storage tanks, and wet and organic chemistry.

Client Type: Major Environmental Consulting & Engineering Firm
Project Name: Subsurface Assessment
Contaminants: Cam 17, Hydrocarbon Chain Identification, 5035/8260 (VOC's and Oxygenates)
Matrix: Soil
Concentration Range: ND through >1000 ppm
Dates Work Performed: February to March 2003
QA/QC Level: DOHS Routine QA/QC

Pertinent Information:

This is a six-week project involving high volume of soil samples analyzed for hydrocarbon chain ID, Cam 17 metals, and volatile organic compounds. Advanced Technology Laboratories picked up samples from the site six days a week with a TAT of same day, 24hr or routine. The job was done as scheduled. The QA/QC requirement is routine CA DOHS QA/QC. This project also requires project specific EDD.

Client Type: Electrical Utility
Project Name: Various Power Generating Stations
Contaminants: Gasoline/BTEX, Diesel, PCBs, TRPH, 8260, and CAM 17
Matrix: Soil, oil
Concentration Range: ND through >1000 ppm
Dates Work Performed: Ongoing
Govt. Agency: Various
QA/QC Level: DOHS Routine QA/QC

Pertinent Information:

Advanced Technology Laboratories received varying amount of samples from different generating stations with a TAT of same day, 24hr or routine. The job was done as scheduled. The QA/QC requirement is routine CA DOHS QA/QC. ATL was also contracted by SCE on a pipeline project where ATL has to do 418,1 on soil samples within 2 hours of sample submittal. ATL is a high volume laboratory that can process large number of samples and meet scheduled turnaround time. This is achieved by redundancy in equipment, latest state of the art equipment and dedicated and motivated professional staff.

Client Type: Major Environmental Consulting & Engineering Firms
Project Name: California Department of Transportation
Analysis: Lead, STLC and TCLP
Matrix: Soil and water
Concentration Range: 5ppm - >1000ppm
Dates Work Performed: 1994 - Present
Govt. Agency: Caltrans/DTSC
QA/QC Level: Caltrans QA/QC Project Requirements

Pertinent Information:

Advanced Technology Labs has teamed with several major environmental consulting and engineering in the performance of their contracts with California Dept. of Transportation. The primary tasks for ATL are the analyses of Total Lead in soil with the corresponding STLC or TCLP for samples whose results are greater than regulatory acceptance levels. The uniqueness of this project is the volume of samples that are processed in a routine and expedited basis. ATL is able to process up to 1000 samples of lead per project.

Client: State of California Department of Toxic Substances Control
Project Name: Various
Methods: CAM 17 metals, Oil and Grease, 8081, 8260, TPH Diesel and Gas, 8270
Matrix: Groundwater, soil and solids

Pertinent Information:

DTSC teamed with Advanced Technology Laboratories in the performance of several projects. The uniqueness of this project is the volume of samples that are processed in a routine and expedited basis. Several branches of DTSC -- including Berkeley, Clovis and Glendale -- send samples to ATL for hazardous waste characterization.

Appendix A: Target Analytes

Typical EPA 8260 Target Analytes *

1,1,1,2-Tetrachloroethane
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
1,1-Dichloropropene
1,2,3-Trichlorobenzene
1,2,3-Trichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,2-Dibromo-3-chloropropane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,2-Dichloroethane
1,2-Dichloropropane
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,3-Dichloropropane
1,4-Dichlorobenzene
2,2-Dichloropropane
2-Chlorotoluene
4-Chlorotoluene
4-Isopropyltoluene
Benzene
Bromobenzene
Bromodichloromethane
Bromoform
Bromomethane
Carbon tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
Dibromochloromethane
Dibromomethane
Dichlorodifluoromethane
Ethylbenzene
Hexachlorobutadiene
Isopropylbenzene
m,p-Xylene
Methylene chloride
n-Butylbenzene
n-Propylbenzene
Naphthalene
o-Xylene
sec-Butylbenzene
Styrene
tert-Butylbenzene
Tetrachloroethene
Toluene
trans-1,2-Dichloroethene
Trichloroethene
Trichlorofluoromethane
Vinyl chloride

Oxygenates

Di-isopropyl ether (DIPE)
Ethyl tert-butyl ether (ETBE)
Methyl tert-butyl ether (MTBE)
Tert-amyl methyl ether (TAME)
Tert-butanol (TBA)

* Special compounds may be analyzed upon request

Typical EPA 8270 Target Analytes *

1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chloronaphthalene
2-Chlorophenol
2-Methylnaphthalene
2-Methylphenol
2-Nitroaniline
2-Nitrophenol
3,3´-Dichlorobenzidine
3-Nitroaniline
4,6-Dinitro-2-methylphenol
4-Bromophenyl-phenylether
4-Chloro-3-methylphenol
4-Chloroaniline
4-Chlorophenyl-phenylether
4-Methylphenol
4-Nitroaniline
4-Nitrophenol
Acenaphthene
Acenaphthylene
Anthracene
Benzidine (M)
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(g,h,i)perylene
Benzo(k)fluoranthene
Benzoic acid
Benzyl alcohol
Bis(2-chloroethoxy)methane
Bis(2-chloroethyl)ether
Bis(2-chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
Butylbenzylphthalate
Chrysene
Di-n-butylphthalate
Di-n-octylphthalate
Dibenz(a,h)anthracene
Dibenzofuran
Diethylphthalate
Dimethylphthalate
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
N-Nitrosodi-n-propylamine
N-Nitrosodiphenylamine
Naphthalene
Nitrobenzene
Pentachlorophenol
Phenanthrene
Phenol
Pyrene

Emergent Chemical

1,4-Dioxane

***** Special compounds may be analyzed upon request

CAM 17 Target Analytes *

EPA 6010 Analytes

Antimony
Arsenic
Barium
Beryllium
Cadmium
Chromium
Cobalt
Copper
Lead
Molybdenum
Nickel
Selenium
Silver
Thallium
Vanadium
Zinc

EPA 7470/7471 Analyte

Mercury

***** Special compounds may be analyzed upon request.

<u>Most Common Inorganics Analyses</u>

Chemical Oxygen Demand
Cyanide, Total
Nitrogen, Ammonia
Oil & Grease
Perchlorate
pH
Solids, Total Dissolved
Solids, Total Suspended
Specific Conductance
Total Organic Carbon (TOC)
Turbidity

Typical EPA 300 Target Anions

Chloride
Fluoride
Nitrate
Nitrite
Orthophosphate
Sulfate

Typical EPA 8081/8082 Target Analytes *

4,4´-DDD
4,4´-DDE
4,4´-DDT
Aldrin
alpha-BHC
alpha-Chlordane
beta-BHC
Chlordane
delta-BHC
Dieldrin
Endosulfan I
Endosulfan II
Endosulfan sulfate
Endrin
Endrin aldehyde
Endrin ketone
gamma-BHC
gamma-Chlordane
Heptachlor
Heptachlor epoxide
Methoxychlor
Toxaphene

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260
Aroclor 1262
Aroclor 1268

* Special compounds may be analyzed upon request

Typical EPA TO-15 Target Analytes

Acetone
Acetonitrile
Acrolein
Acrylonitrile
Benzene
Benzyl chloride
Bromodichloromethane
Bromoform
Bromomethane
Carbon disulfide
Carbon tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
Cyclohexane
Dibromochloromethane
Dichlorodifluoromethane
Dichlorotetrafluoroethane
Ethanol
Ethylbenzene
Freon-113
Hexachlorobutadiene
Isopropylbenzene
m,p-Xylene
Methylene chloride
MTBE
n-Butylbenzene
n-Propylbenzene
Naphthalene
o-Xylene
sec-Butylbenzene
Styrene
tert-Butylbenzene
Tetrachloroethene
Toluene
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
Trichloroethene
Trichlorofluoromethane
Vinyl acetate
Vinyl chloride
1,1-Dichloroethane
1,1-Dichloroethene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
1,1,2,2-Tetrachloroethane
1,2-Dibromoethane
1,2-Dichlorobenzene
1,2-Dichloroethane
1,2-Dichloropropane
1,2,4-Trichlorobenzene
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
1,3-Butadiene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,4-Dioxane
2-Butanone
2-Chlorotoluene
2-Hexanone
2-Propanol
2,2,4-Trimethylpentane
4-Ethyl Toluene
4-Methyl-2-pentanone

Appendix B: Sampling Quick Reference

Volatile Organics in Water

Parameter	Method	Holding Time	Min. Vol. (mL)	Container Type	Preservation
GRO, TPH-CC	8015B, 8015(M)	14 days*	40	3 x 40 mL vials with Teflon lined septum caps	HCL, pH < 2, add 1000 mg ascorbic acid/L if residual chlorine present, 4 °C
GRO, BTEX/MTBE	8015B, 8021B	14 days*	40	3 x 40 mL vials with Teflon lined septum caps	HCL, pH < 2, add 1000 mg ascorbic acid/L if residual chlorine present, 4 °C
VOCs (Volatile Organic Compounds)	8260B	14 days*	40	3 x 40 mL vials with Teflon lined septum caps	HCL, pH < 2, add 1000 mg ascorbic acid/L if residual chlorine present, 4 °C
VOCs (Volatile Organic Compounds) **	624, 624.1	14 days	40	3 x 40 mL vials with Teflon lined septum caps	4 °C
Benzene, Toluene, Ethylbenzene	624, 624.1	14 days	40	3 x 40 mL vials with Teflon lined septum caps	HCL, pH < 2, add 1000 mg ascorbic acid/L if residual chlorine present, 4 °C
Acrolein + Acrylonitrile	624, 624.1	3 days	40	3 x 40 mL vials with Teflon lined septum caps	4 °C

Note: * 7 days without HCl, **except acrolein, benzene, toluene, ethylbenzene

Volatile Organics in Soil

Parameter	Method	Holding Time	Min. Vol. (g)	Container Type	Preservation
GRO, TPH-CC	8015B, 8015(M)	14 days	5	4 oz glass jar w/Teflon lid	4°C
GRO, TPH-CC (EnCore)	5035/8015B, 8015(M)	48 hours*	(3) 5g/sample	(3) 5g EnCORE sampler	4°C
GRO, TPH-CC (NaHSO4 & MeOH preserved)	5035/8015B, 8015(M)	14 days	(3) 5g/sample	2 pre-weighed NaHSO4 preserved VOA + 1 pre-weighed MeOH preserved VOA	4°C, NaHSO4, MeOH
GRO, BTEX/MTBE	8015B, 8021B	14 days	5	4 oz glass jar w/Teflon lid	4°C
VOCs	8260B	14 days	5	4 oz glass jar w/Teflon lid	4°C
VOCs (EnCORE)	5035/8260B	48 hours*	(3) 5g/sample	(3) 5g EnCORE sampler	4°C
VOCs (NaHSO4 & MeOH preserved)	5035/8260B	14 days	(3) 5g/sample	2 pre-weighed NaHSO4 preserved VOA + 1 pre-weighed MeOH preserved VOA	4°C, NaHSO4, MeOH

Note:* 48 Hours to extract, 14 days for analysis

Semivolatile Organics in Water

Parameter	Method	Holding Time	Min. Vol. (mL)	Container Type	Preservation
DRO, TPH-CC (C8-C40)	8015B, 8015(M)	7 days*	1000	1 L amber glass	4 °C**
Pesticides, Organochlorine	8081A, 608, 608.3	7 days*	1000	1 L amber glass	4 °C**
PCBs	8082, 608, 608.3	7 days*	1000	1 L amber glass	4 °C**
SVOCs (BNAs)	8270C, 625, 625.1	7 days*	1000	1 L amber glass	4 °C**
1,4-Dioxane	8270C, 8270SIM Isotope Dilution	7 days*	1000	1 L amber glass	4 °C**
PAH	8270 SIM	7 days*	1000	1 L amber glass	4 °C**

Note: * 7 days for extraction, 40 days from extraction to analysis. ** If sampling from location where residual chlorine is present, samples have to be treated with sodium thiosulfate ($Na_2S_2O_3$)

Semivolatile Organics in Soil

Parameter	Method	Holding Time	Min. Vol. (g)	Container Type	Preservation
DRO, TPH-CC (C8-C40)	8015B, 8015(M)	14 days*	30	4 oz glass jar w/Teflon lid	4°C
PCBs	8082	14 days*	30	4 oz glass jar w/Teflon lid	4°C
Pesticides, Organochlorine	8081A	14 days*	30	4 oz glass jar w/Teflon lid	4°C
SVOCs (BNAs)	8270C	14 days*	30	4 oz glass jar w/Teflon lid	4°C
PAHs	8270SIM	14 days*	30	4 oz glass jar w/Teflon lid	4°C
1,4-Dioxane	8270C, 8270SIM Isotope Dilution	14 days*	15	4 oz glass jar w/Teflon lid	4°C

Note: * 14 days for extraction, 40 days for analysis

General Chemistry Water

Parameter	Method	Holding Time	Minimum Volume (mL)	Container Type	Preservation
Alkalinity	SM 2320B	14 days	100	250mL Poly	4°C
Ammonia	ASTM D1426-08A	28 days	100	250mL Poly	4°C, H2SO4 to pH < 2
Bromide	300.0	28 days	50	125mL Poly	4°C
Chemical Oxygen Demand	410.4	28 days	50	125mL Amber	4°C, H2SO4 to pH < 2
Chloride	300.0	28 days	50	125mL Poly	None
Chlorine, Free	SM4500CL G	15 mins	50	125mL Poly	4°C
Chlorine, Total Residual	SM4500CL G	15 mins	50	125mL Poly	4°C

Cyanide, Amenable	SM 4500-CN G	14 days	250	250mL Poly	4°C; if oxidizing agents present add 0.6 g of ascorbic acid per L; adjust pH > 12 with 10N NaOH.
Cyanide, Total	SM 4500-CN E, 9014	14 days	250	250mL Poly	4°C; if oxidizing agents present add 0.6 g of ascorbic acid per L; adjust pH > 12 with 10N NaOH.
Fluoride	300.0	28 days	50	125mL Poly	None
Hardness	SM2340 C SM2340B	6 months	100	500mL Poly	HNO_3, pH < 2
Nitrate	300.0	48 Hours	50	125mL Poly	4°C
Nitrate-Nitrite	SM 4500-NO2 B	28 days	50	125mL Poly	4°C, H2SO4 to pH < 2
Nitrite	300.0, SM 4500-NO2 B	48 hours	50	125mL Poly	4°C
Oil and Grease (HEM)	1664A	28 days	1000	1L Glass	4°C, HCL to pH < 2
Perchlorate	314.0	28 days	50	125mL Poly	4°C
pH	SM 4500-H+ B, 904	15 mins	50	125mL Poly	4°C
Phosphate, Ortho	300.0; 365.3	48 hours	50	125mL Poly	4°C
Phosphorus, Total	365.3	28 days	100	250mL Poly	4°C, H2SO4 to pH < 2
Solids, Total (TS)	SM 2540 B	7 days	200	125mL Poly	4°C
Solids, Total Dissolved (TDS)	SM 2540 C	7 days	200	125mL Poly	4°C
Solids, Total Suspended (TSS)	SM 2540 D	7 days	1000	1L Glass	4°C
Solids, Settleable (SS)	SM 2540 F	48 hours	1000	1L Glass	4°C
Specific Conductance	120.1	24 hours	50	125mL Poly	4°C
Sulfate	300.0	28 days	50	125mL Poly	4 °C
Sulfide, Dissolved	SM 4500-S-2 D	7 days	100	250mL Poly	NaOH + AlCl3, flocculate + settle. Transfer liquid, preserve w/ zinc acetate, pH > 9. Cool to 4°C
Sulfide, Total	SM 4500-S-2 D	7 days	100	250mL Poly	4°C, add zinc acetate, pH > 9
Total Organic Carbon (TOC)	SM 5310B	28 days	40	40 mL VOA	4°C, H2SO4 to pH < 2
Non-Polar Material (SGT-HEM)	1664	28 days	1000	1L Glass	4°C, HCL to pH < 2
Turbidity	180.1	48 Hours	50	125mL Poly	4°C

General Chemistry Soil

Parameter	Method	Holding Time	Minimum Volume (g)	Sample Volume & Container Type	Preservation
Alkalinity	310.1(M)	14 days	20	4 oz glass jar w/Teflon lid	4°C
Bromide	300.0	28 days	10	4 oz glass jar w/Teflon lid	4°C
Chemical Oxygen Demand (COD)	410.4(M)	28 days	10	4 oz glass jar w/Teflon lid	4°C
Chloride	300.0	28 days	10	4 oz glass jar w/Teflon lid	4°C
Chromium IV (Hexavalent Chromium)	3060A/7196A	30 days	10	4 oz glass jar w/Teflon lid	4°C
Cyanide, Total	9010B/9014	14 days	10	4 oz glass jar w/Teflon lid	4°C
Fluoride	300.0	28 days	10	4 oz glass jar w/Teflon lid	4°C
Moisture Content	ASTM D2216	ASAP	10	4 oz glass jar w/Teflon lid	4°C
Nitrogen, Nitrate	300.0	48 hours	10	4 oz glass jar w/Teflon lid	4°C
Nitrogen, Nitrite	300.0	48 hours	10	4 oz glass jar w/Teflon lid	4°C
Oil and Grease (HEM)	1664(M)	28 days	30	4 oz glass jar w/Teflon lid	4°C
Perchlorate	314.0 (M)	28 days	50	4 oz glass jar w/Teflon lid	4°C
pH	9045C	ASAP	10	4 oz glass jar w/Teflon lid	4°C
Phosphate, Ortho	300.0	48 hours	10	4 oz glass jar w/Teflon lid	4°C
Phosphate, Total	365.3(M)	28 days	20	4 oz glass jar w/Teflon lid	4°C
Phosphorus, Total	365.3(M)	28 days	20	4 oz glass jar w/Teflon lid	4°C
Sulfate	300.0	28 days	20	4 oz glass jar w/Teflon lid	4°C
TRPH	1664SGT/ HEM (M)	28 days	30	4 oz glass jar w/Teflon lid	4°C

Note: (M) indicates modification of the method

Metals in Water

Parameter	Method	Holding Time	Minimum Volume (mL)	Sample Volume & Container Type	Preservation
Mercury	7470A, 245.1	28 days	50	500mL Poly	HNO3, pH < 2
ICP Metals	6010B, 200.7	180 days	50	500mL Poly	HNO3, pH < 2
ICPMS Metals	6020/200.8	180 days	50	500mL Poly	HNO3, pH < 2
Hexavalent Chromium	7196A	24 hours	100	500mL Poly	4 °C

Note: Dissolved Metals must be filtered prior to preservation.

Metals in Soil

Parameter	Method	Holding Time	Minimum Volume (g)	Sample Volume & Container Type	Preservation
Mercury	7471A	28 days	5	4 oz glass jar w/Teflon lid	4°C
ICP Metals	6010B	180 days	5	4 oz glass jar w/Teflon lid	4°C
ICP/MS Metals	6020	180 days	5	4 oz glass jar w/Teflon lid	4°C
Hexavalent Chromium	7196A/3060A	30 days	10	4 oz glass jar w/Teflon lid	4°C

TCLP

Parameter	From: Field Collection	From: TCLP Extraction	From: Preparative Extraction	Sample Volume &	Total Elapsed Time	Preservation
Volatiles	14 days	NA	14 days	40mL VOA	28 days	None
Semivolatiles	14 days	7 days	40 days	32oz amber	61 days	None
Mercury	28 days	NA	28 days	16oz plastic	56 days	HNO3, pH < 2
Metals, except Mercury	180 days	NA	180 days	16oz plastic	360 days	HNO3, pH < 2

Note: 100 g soil in 4 oz jar, *for leachate

Dissolved Gases (Water) / Air

Parameter	Method	Holding Time	Minimum Volume (mL)	Sample Volume & Container Type	Preservation
VOCs, BTEX/MTBE	EPA TO-3, TO-14, TO-15	3 days	-	Tedlar bag	N/A
VOCs, BTEX/MTBE	EPA TO-3, TO-14, TO-15	30 days	-	Summa Canister	N/A
Total Volatile Petroleum Hydrocarbon	EPA TO-3	3 days	-	Tedlar bag	N/A
Total Volatile Petroleum Hydrocarbon	EPA TO-3	30 days	-	Summa Canister	N/A

Appendix C: CA-ELAP Certificate

CALIFORNIA
Water Boards
STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS

Interim

CALIFORNIA STATE

ENVIRONMENTAL LABORATORY ACCREDITATION PROGRAM

CERTIFICATE OF ENVIRONMENTAL ACCREDITATION

Is hereby granted to

Advanced Technology Laboratories

3275 Walnut Avenue

Signal Hill, CA 90755

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

Continued accredited status depends on successful completion of on-site inspection, 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.: **1838**

Expiration Date: **12/31/2021**

Effective Date: **1/1/2021**

Sacramento, California
subject to forfeiture or revocation

Christine Sotelo, Chief
Environmental Laboratory Accreditation Program

Appendix C: NELAP Certificate

Oregon
Environmental Laboratory
Accreditation Program

NELAP Recognized

Advanced Technology Laboratories

CA300003

3275/3291 Walnut Ave. & 1418 E.33rd St.

Signal Hill, CA 90755

IS GRANTED APPROVAL BY ORELAP UNDER THE 2016 TNI STANDARDS, TO PERFORM ANALYSES ON ENVIRONMENTAL SAMPLES IN MATRICES AS LISTED BELOW :

Air	Drinking Water	Non-Potable Water	Solids and Chemical Waste	Tissue
Chemistry	Chemistry	Chemistry	Chemistry	

AND AS RECORDED IN THE LIST OF APPROVED ANALYTES, METHODS, ANALYTICAL TECHNIQUES, AND FIELDS OF TESTING ISSUED CONCURRENTLY WITH THIS CERTIFICATE AND REVISED AS NECESSARY.

ACCREDITED STATUS DEPENDS ON SUCCESSFUL ONGOING PARTICIPATION IN THE PROGRAM AND CONTINUED COMPLIANCE WITH THE STANDARDS.

CUSTOMERS ARE URGED TO VERIFY THE LABORATORY'S CURRENT ACCREDITATION STATUS IN OREGON.

Travis Bartholomew
Oregon State Public Health Laboratory
ORELAP Program Manager
7202 NE Evergreen Parkway, Suite 100
Hillsboro, OR 97124

EFFECTIVE DATE : 1/30/2021
EXPIRATION DATE : 1/29/2022
Certificate No : CA300003 - 013

Appendix C: DBE Certificate – Caltrans / CUCP

CALIFORNIA UNIFIED CERTIFICATION PROGRAM
DISADVANTAGED BUSINESS ENTERPRISE CERTIFICATE

ADVANCED TECHNOLOGY LABORATORIES
3275 WALNUT AVENUE
SIGNAL HILL, CA 90755

Owner: EDGAR CABALLERO
Business Structure: CORPORATION

This certificate acknowledges that said firm is approved by the California Unified Certification Program (CUCP) as a Disadvantaged Business Enterprise (DBE) as defined by the U.S. Department of Transportation (DOT) CFR 49 Part 26, as may be amended, for the following NAICS codes:

NAICS Code(s) * Indicates primary NAICS code

* 541380 Testing Laboratories

Work Category Code(s)

I8730 RESEARCH & TESTING SERVICES

I8734 LABORATORY TESTING AND ANALYSIS

Licenses

UNIFIED CERTIFICATION PROGRAM

CERTIFYING AGENCY:
DEPARTMENT OF TRANSPORTATION
1823 14TH STREET
SACRAMENTO, CA 95811 0000
(916) 324-1700

UCP Firm Number : 20968

April 8, 2011

CUCP OFFICER

Appendix C: DBE Certificate – CUCP/Caltrans (continued)

CALIFORNIA UNIFIED CERTIFICATION PROGRAM (CUCP)

DEPARTMENT OF TRANSPORTATION
CIVIL RIGHTS
1823 - 14th STREET, MS-79
SACRAMENTO, CA 95814

Phone (916) 324-1700
Free (866) 810-6346
Fax (916) 324-1862
TTY (916) 324-2252

County codes as defined by Caltrans are listed below. If you wish to work anywhere in the State you may use the Statewide (SW) code.

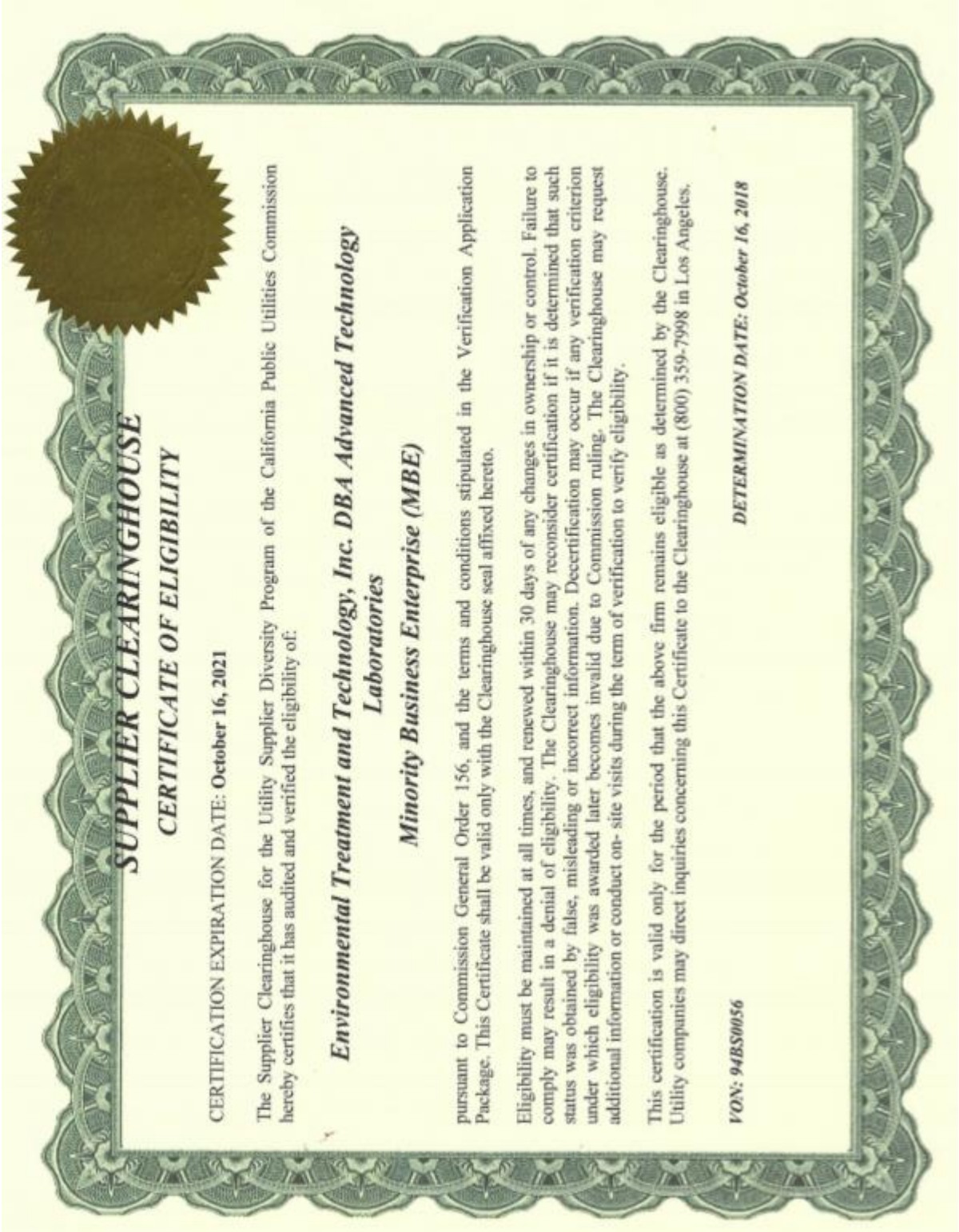
SW STATEWIDE
(ALL COUNTIES)

01 ALAMEDA
02 ALPINE
03 AMADOR
04 BUTTE
05 CALAVERAS
06 COLUSA
07 CONTRA COSTA
08 DEL NORTE
09 EL DORADO
10 FRESNO
11 GLENN
12 HUMBOLDT
13 IMPERIAL
14 INYO
15 KERN
17 LAKE
16 KINGS
18 LASSEN
19 LOS ANGELES
20 MADERA
21 MARIN
22 MARIPOSA
23 MENDOCINO
24 MERCED
25 MODOC
26 MONO
27 MONTEREY
28 NAPA
29 NEVADA
30 ORANGE
31 PLACER
32 PLUMAS
33 RIVERSIDE
34 SACRAMENTO
35 SAN BENITO
36 SAN BERNARDINO
37 SAN DIEGO
38 SAN FRANCISCO
39 SAN JOAQUIN
40 SAN LUIS OBISPO
41 SAN MATEO
42 SANTA BARBARA
43 SANTA CLARA
44 SANTA CRUZ
45 SHASTA
46 SIERRA
47 SISKIYOU
48 SOLANO
49 SONOMA
50 STANISLAUS
51 SUTTER
52 TEHAMA
53 TRINITY
54 TULARE
55 TUOLUMNE
56 VENTURA
57 YOLO
58 YUBA

Sincerely,

RITA A. NELSON, Chief
Office of Certification

Appendix C: MBE Certificate – Supplier Clearinghouse



SUPPLIER CLEARINGHOUSE

CERTIFICATE OF ELIGIBILITY

CERTIFICATION EXPIRATION DATE: **October 16, 2021**

The Supplier Clearinghouse for the Utility Supplier Diversity Program of the California Public Utilities Commission hereby certifies that it has audited and verified the eligibility of:

Environmental Treatment and Technology, Inc. DBA Advanced Technology Laboratories

Minority Business Enterprise (MBE)

pursuant to Commission General Order 156, and the terms and conditions stipulated in the Verification Application Package. This Certificate shall be valid only with the Clearinghouse seal affixed hereto.

Eligibility must be maintained at all times, and renewed within 30 days of any changes in ownership or control. Failure to comply may result in a denial of eligibility. The Clearinghouse may reconsider certification if it is determined that such status was obtained by false, misleading or incorrect information. Decertification may occur if any verification criterion under which eligibility was awarded later becomes invalid due to Commission ruling. The Clearinghouse may request additional information or conduct on- site visits during the term of verification to verify eligibility.

This certification is valid only for the period that the above firm remains eligible as determined by the Clearinghouse. Utility companies may direct inquiries concerning this Certificate to the Clearinghouse at (800) 359-7998 in Los Angeles.

VON: 94BS0056

DETERMINATION DATE: October 16, 2018

Appendix C: SBE Certificate – Metro

Metro

Los Angeles County
Metropolitan Transportation Authority

One Gateway Plaza
Los Angeles, CA 90012-2952

213.922.2000 Tel
metro.net

April 27, 2018

Metro File #7762

Mr. EDGAR CABALLERO
Environmental Treatment and Technology, Inc. DBA Advanced Technology Laboratories
P.O. BOX 92797
LONG BEACH, CA 90809

Subject: Small Business Enterprise Certification

Dear Mr. EDGAR CABALLERO:

We are pleased to advise you that after careful review of your application and supporting documentation, the Los Angeles County Metropolitan Transportation Authority (Metro) has determined that your firm meets the eligibility standards to be certified as a Small Business Enterprise (SBE) as required under Metro's SBE Program. Your firm will be listed in Metro's SBE database of certified SBEs under the following specific areas of expertise:

NAICS 541380: TESTING LABORATORIES
NAICS 562910: REMEDIATION SERVICES

Your SBE certification is valid for five years from the date of this letter and applies only for the above NAICS code(s). Any additions and revisions must be submitted to Metro for review and approval.

In order to ensure your continuing SBE status, you are required to submit an annual update along with supporting documentation. If no changes are noted, then your SBE status remains current. If there are changes, Metro will review to determine continued SBE eligibility. Please note, your SBE status remains in effect unless Metro notifies you otherwise.

After the five-year certification period, your entire file will be reviewed in order to ascertain continued SBE certification status. You will be notified of the pending SBE status review and any documentation updates necessary prior to the expiration date.

Also, should any changes occur that could affect your certification status prior to receipt of the annual update application, such as changes in your firm's name, business/mailing address, ownership, management or control, or failure to meet the applicable business size standards or personal net worth standard, please notify Metro immediately.

Metro reserves the right to withdraw this certification if at any time it is determined that it was knowingly obtained by false, misleading, or incorrect information. Your SBE certification is subject to review at any time. The firm thereby consents to the examination of its books, records, and documents by Metro.

Congratulations, and thank you for your interest in Metro's SBE Program. Should you have any questions, please contact us at (213) 922-2600. For information on Metro contracting opportunities, please visit our website at www.metro.net.

Sincerely,

Shirley Wong
Sr. Certification Officer
Diversity & Economic Opportunity Department

Appendix C: SBE Certificate – California Dept. of General Services

Printed on: 7/16/2020 1:09:41 PM

To verify most current certification status go to: https://www.caleprocure.ca.gov

DGS
CALIFORNIA DEPARTMENT OF
GENERAL SERVICES

Office of Small Business & DVBE Services

Certification ID: 61086

Legal Business Name:
ENVIRONMENTAL TREATMENT & TECHNOLOGY INC

Doing Business As (DBA) Name 1:
ADVANCED TECHNOLOGY LABORATORIES

Doing Business As (DBA) Name 2:

Address:
3275 WALNUT AVENUE
SIGNAL HILL
CA 90755

Email Address:
christine.caballero@atlglobal.com

Business Web Page:
http://www.atlglobal.com

Business Phone Number:
562/989-4045

Business Fax Number:
562/989-6348

Business Types:
Service

Certification Type	Status	From	To
SB(Micro)	Approved	07/15/2020	07/31/2022
SB-PW	Approved	07/16/2020	07/31/2022

Stay informed! KEEP YOUR CERTIFICATION PROFILE UPDATED!
-LOG IN at CaleProcure.CA.GOV

Questions?
Email: OSDSHELP@DGS.CA.GOV
Call OSDS Main Number: 916-375-4940
707 3rd Street, 1-400, West Sacramento, CA 95605

Appendix C: Certified Lab – LA County Sanitation Districts

COUNTY SANITATION DISTRICTS
OF LOS ANGELES COUNTY

1955 Workman Mill Road, Whittier, CA 90601-1400
Mailing Address: P.O. Box 4998, Whittier, CA 90607-4998
Telephone: (562) 699-7411, FAX: (562) 699-5422
www.lacsd.org

GRACE ROBINSON HYDE
Chief Engineer and General Manager

Beth Alpante
Quality Assurance Officer
Advanced Technology Laboratories
3275 Walnut Avenue
Signal Hill, CA 90755

May 9, 2014
Lab I. D. No. 10196

Dear Ms. Alpante

The Sanitation Districts' *Wastewater Ordinance* specifies that all required industrial wastewater analyses be performed by a California State Certified laboratory or by a laboratory approved by the Sanitation Districts.

The Districts recognize your laboratory accreditation by the California Department of Public Health, Environmental Laboratory Accreditation Program Branch. The Districts will accept sample results from the use of appropriate methodologies, as determined by the Districts, that you are certified to perform as denoted on certificate number 1838. The Districts' laboratory identification number appearing on this letter **must** be included on all analysis reports submitted to the Districts.

Continued recognition of your certification shall be maintained by periodic satisfactory completion of performance sample analyses, compliance with Districts' requirements and an adequate rating on any future visits by Districts' personnel. Please notify the District upon any changes of name, address, telephone number, or supervisory personnel. Failure to do so may result in the immediate revocation of your Districts' laboratory identification number.

If you have any questions regarding this laboratory approval, please contact David B. Whipple of the Sanitation Districts' Industrial Waste Section at extension 2909.

Very truly yours,

Grace Robinson Hyde

Linda M. Shadler
Supervising Civil Engineer
Industrial Waste Section

LMS:DBW:dbw

Appendix C: US Dept of Agriculture - Soil Permit

Soil Permit Tag Available Upon Request