



Arizona  
Department of  
Health Services

## ENVIRONMENTAL LABORATORY LICENSE

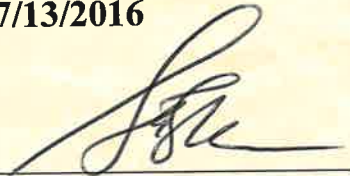
Issued to:

Laboratory Director: Brian Merritt  
Owner/Representative: Cheryl Sykora

*Legend Technical Services of AZ, Inc.*  
*AZ0004*

is in compliance with Environmental Laboratory's applicable standards for the State of Arizona and maintains on file a List of Parameters for which the laboratory is certified to perform analysis.

**PERIOD OF LICENSURE FROM: 07/14/2015 TO: 07/13/2016**



Steven D. Baker, Chief  
Office of Laboratory Licensure & Certification  
Bureau of State Laboratory Services

**Arizona Department of Health Services  
Office of Laboratory Licensure, Certification & Training  
250 North 17th Avenue, Phoenix, AZ 85007**

Monday, June 22 2015

**AZ License: AZ0004**

**Lab Name: Legend Technical Services of AZ, Inc.**

**Lab Director: Mr. Brian Merritt**

**Phone: (602) 324-6103**

**Fax: (602) 324-6101**

Program	HW	Parameter	EPA Method	Billing Code	Cert Date
		Aluminum	EPA 6010B	MTL3	06/09/98
		Antimony	EPA 6010B	MTL3	06/09/98
		Arsenic	EPA 6010B	MTL3	06/09/98
		Barium	EPA 6010B	MTL3	06/09/98
		Beryllium	EPA 6010B	MTL3	06/09/98
		Cadmium	EPA 6010B	MTL3	06/09/98
		Calcium	EPA 6010B	MTL3	06/09/98
		Chromium, Total	EPA 6010B	MTL3	06/09/98
		Closed System Purge And Trap Extract. Vocs	EPA 5035A	PREP2	04/15/09
		Cobalt	EPA 6010B	MTL3	06/09/98
		Copper	EPA 6010B	MTL3	06/09/98
		Cyanide	EPA 9010C	PREP2	12/05/06
		Cyanide	EPA 9014	MISC2	07/02/01
		Ep Toxicity	EPA 1310B	HAZ4	12/05/06
		Ignitability (Flash Point)	EPA 1010A	HAZ2	12/05/06
		Iron	EPA 6010B	MTL3	06/09/98
		Lead	EPA 6010B	MTL3	06/09/98
		Magnesium	EPA 6010B	MTL3	06/09/98
		Manganese	EPA 6010B	MTL3	06/09/98
		Mercury	EPA 7470A	MTL5	07/06/92
		Mercury	EPA 7471A	MTL5	07/06/92
		Molybdenum	EPA 6010B	MTL3	06/09/98
		Nickel	EPA 6010B	MTL3	06/09/98
		Paint Filter Liquids Test	EPA 9095B	MISC17	12/05/06
		Ph (Hydrogen Ion)	EPA 9045D	NIA2	12/05/06
		Potassium	EPA 6010B	MTL3	06/09/98
		Purge And Trap For Aqueous Samples	EPA 5030C	PREP2	04/15/09
		Sediments, Sludges And Soils	EPA 3050B	PREP1	06/09/98
		Selenium	EPA 6010B	MTL3	06/09/98
		Silica	EPA 6010B	MTL3	06/25/01
		Silver	EPA 6010B	MTL3	06/09/98
		Sodium	EPA 6010B	MTL3	06/09/98
		Specific Conductance	EPA 9050A	NIA2	06/09/98
		Strontium	EPA 6010B	MTL3	06/09/98
		Tclp	EPA 1311	HAZ5	07/06/92
		Thallium	EPA 6010B	MTL3	06/09/98
		Vanadium	EPA 6010B	MTL3	06/09/98
		Vocs By Gc/Ms	EPA 8260B	OC8	06/09/98
		Zinc	EPA 6010B	MTL3	06/09/98

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<b>Program HW</b>				
Parameter	EPA Method	Billing Code	Cert Date	
Total Licensed Parameters in this Program: 39				
<b>Program SDW</b>				
Parameter	EPA Method	Billing Code	Cert Date	
Alkalinity	SM 2320B	NIA1	06/25/01	
Aluminum	EPA 200.7	MTL3	06/25/01	
Aluminum	EPA 200.8	MTL1	10/21/08	
Antimony	EPA 200.8	MTL1	10/21/08	
Arsenic	EPA 200.8	MTL1	10/21/08	
Barium	EPA 200.7	MTL3	11/12/93	
Barium	EPA 200.8	MTL1	10/21/08	
Beryllium	EPA 200.7	MTL3	01/11/95	
Beryllium	EPA 200.8	MTL1	10/21/08	
Cadmium	EPA 200.8	MTL1	10/21/08	
Calcium	EPA 200.7	MTL3	11/12/93	
Carbamates By Hplc/Post Column	EPA 531.2 (1.0)	OC4	05/07/08	
Carbamates By Hplc/Post Column - Additional	EPA 531.2 (1.0)	OC10	05/07/08	
Carbon, Total Organic	SM 5310C	MISC1	03/02/04	
Chloride	EPA 300.0	NIIIA1	09/20/95	
Chlorine	HACH 8167	NIA2	03/09/09	
Chromium Total	EPA 200.7	MTL3	11/12/93	
Chromium Total	EPA 200.8	MTL1	10/21/08	
Color	SM 2120B	NIA4	09/16/97	
Copper	EPA 200.7	MTL3	11/12/93	
Copper	EPA 200.8	MTL1	10/21/08	
Corrosivity	SM 2330B	NIA2	07/01/02	
Cyanide	SM 4500 CN B	PREP1	06/16/08	
Cyanide	SM 4500 CN C	PREP2	06/13/06	
Cyanide	SM 4500 CN E	MISC2	06/13/06	
Cyanide Amenable To Chlorination	SM 4500-CN G	MISC2	06/13/06	
Fecal Coliform	SM 9221E	MIC1	12/16/98	
Fluoride	SM 4500-F C	NIB9	12/19/05	
Glyphosate	EPA 547 (7/90)	OC4	02/27/04	
Haloacetic Acids By Ic/Ms/Ms	EPA 557	OC8	06/19/15	
Hardness	SM 2340B	MTL3	10/03/97	
Heterotrophic Plate Count	SM 9215B	MIC3	03/08/94	
Hydrogen Ion (Ph)	SM 4500-H B	NIA2	12/05/06	
Iron	EPA 200.7	MTL3	11/12/93	
Lead	EPA 200.8	MTL1	10/21/08	
Magnesium	EPA 200.7	MTL3	11/12/93	
Manganese	EPA 200.7	MTL3	11/12/93	

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<b>Program SDW</b>				
Parameter	EPA Method	Billing Code	Cert Date	
Manganese	EPA 200.8	MTL1	10/21/08	
Mercury	EPA 245.1	MTL5	07/01/92	
Microscopic Particulate Analysis	EPA910/9-92-029	MIC1	11/10/99	
Nickel	EPA 200.7	MTL3	11/12/93	
Nickel	EPA 200.8	MTL1	10/21/08	
Nitrate	SM 4500-NO3 F	NIB1	06/22/99	
Nitrite	SM 4500-NO2 B	NIIB4	12/19/95	
Orthophosphate	SM 4500-P F	NIIB4	06/25/01	
Residue, Filterable (Tds)	SM 2540C	NIA2	12/19/95	
Selenium	EPA 200.8	MTL1	10/21/08	
Silica	EPA 200.7	MTL3	06/25/01	
Silver	EPA 200.7	MTL3	11/12/93	
Silver	EPA 200.8	MTL1	10/21/08	
Sodium	EPA 200.7	MTL3	11/12/93	
Strontium	EPA 200.7	MTL3	09/20/95	
Sulfate	EPA 300.0	NIIB4	09/20/95	
Thallium	EPA 200.8	MTL1	10/21/08	
Total Coliforms & E. Coli By Colilert	SM 9223B	MIC3	03/08/94	
Total Coliforms By Mf	SM 9222B	MIC1	07/12/94	
Total Coliforms By Mtf	SM 9221B & C	MIC1	07/01/92	
Turbidity, Ntu: Nephelometric	EPA 180.1	NIA2	07/01/92	
Uranium	EPA 200.8	MTL1	10/21/08	
Uv Absorbing Organic Constituents	SM 5910B	NIB1	02/27/04	
Vocs By Gc/Ms	EPA 524.2 (4.1)	OC8	01/15/03	
Vocs By Gc/Ms-Additional	EPA 524.2 (4.1)	OC10	01/15/03	
Zinc	EPA 200.7	MTL3	07/01/92	
Zinc	EPA 200.8	MTL1	10/21/08	
Total Licensed Parameters in this Program:		64		

<b>Program WW</b>				
Parameter	EPA Method	Billing Code	Cert Date	
Alkalinity, Total	SM 2320B	NIA1	07/06/92	
Aluminum	EPA 200.7	MTL3	11/12/93	
Aluminum	EPA 200.8	MTL1	10/21/08	
Ammonia	EPA 350.1	NIIB1	06/27/00	
Antimony	EPA 200.7	MTL3	02/05/10	
Antimony	EPA 200.8	MTL1	10/21/08	
Arsenic	EPA 200.7	MTL3	11/12/93	
Arsenic	EPA 200.8	MTL1	10/21/08	
Ascaris Lumbricoides	SM 10550	MIC1	08/31/01	
Barium	EPA 200.7	MTL3	11/12/93	

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Program	WW	Parameter	EPA Method	Billing Code	Cert Date
		Barium	EPA 200.8	MTL1	10/21/08
		Beryllium	EPA 200.7	MTL3	11/12/93
		Beryllium	EPA 200.8	MTL1	10/21/08
		Biochemical Oxygen Demand (Bod5) 21st Ed.	SM 5210B - 2001	DEM1	12/19/13
		Boron	EPA 200.7	MTL3	07/12/94
		Cadmium	EPA 200.7	MTL3	11/12/93
		Cadmium	EPA 200.8	MTL1	10/21/08
		Calcium	EPA 200.7	MTL3	07/12/94
		Carbon, Total Organic (Toc)	SM 5310C	MISC1	03/02/04
		Chemical Oxygen Demand	EPA 410.4	DEM3	12/13/04
		Chloride	SM 4500-CL B	NIA2	07/06/92
		Chlorine Total Residual	HACH 8167	NIA2	03/09/09
		Chromium Total	EPA 200.7	MTL3	11/12/93
		Chromium Total	EPA 200.8	MTL1	10/21/08
		Chromium, Hexavalent	SM 3500-CR D	MTL8	07/06/06
		Cobalt	EPA 200.7	MTL3	11/12/93
		Copper	EPA 200.7	MTL3	11/12/93
		Copper	EPA 200.8	MTL1	10/21/08
		Cyanide Amenable To Chlorination	SM 4500-CN G	MISC2	06/13/06
		Cyanide, Total	SM 4500-CN BCE	MISC34	07/16/03
		E. Coli (Not For Npdes) In Conjunction	SM 9221F	MIC3	06/02/05
		Entamoeba Histolytica	SM 9711C	MIC1	08/15/03
		Fecal Coliform Colilert 18 (App & Reuse Permits Only)	SM 9020B/9223B	MIC3	10/18/10
		Fecal Coliforms By Membrane Filter	SM 9222D	MIC1	07/03/02
		Fecal Coliforms By Mtf (May Be Used For Sludge)	SM 9221E	MIC1	07/29/03
		Fluoride	SM 4500-F C	NIB3	12/19/05
		Giardia And Cryptosporidium	SM 9711B	MIC10	07/05/01
		Hardness	SM 2340B	MTL8	08/02/99
		Hydrogen Ion (Ph)	SM 4500-H B	NIA2	12/05/06
		Hydrogen Sulfide	SM 4500-S2-H	MTL3	10/28/09
		Iron	EPA 200.7	MTL3	07/12/94
		Kjeldahl Nitrogen	EPA 351.2	NIIB4	02/21/01
		Lead	EPA 200.7	MTL3	07/12/94
		Lead	EPA 200.8	MTL1	10/21/08
		Magnesium	EPA 200.7	MTL3	10/18/96
		Manganese	EPA 200.7	MTL3	07/12/94
		Manganese	EPA 200.8	MTL1	10/21/08
		Mercury	EPA 1631E	MTL10	08/24/11
		Mercury	EPA 245.1	MTL5	07/06/92
		Molybdenum	EPA 200.7	MTL3	07/12/94

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Program	WW	Parameter	EPA Method	Billing Code	Cert Date
		Nickel	EPA 200.7	MTL3	07/12/94
		Nickel	EPA 200.8	MTL1	10/21/08
		Nitrate-Nitrite (As N)	SM 4500-N03 F	NIB1	06/22/99
		Nitrite (As N)	SM 4500-NO2 B	NIIB4	12/19/95
		Oil And Grease And Petroleum Hydrocarbons	EPA 1664 (REV. B)	MISC2	06/18/13
		Orthophosphate	SM 4500-P F	NIIB4	06/25/01
		Oxygen, Dissolved	SM 4500-O G	NIA12	12/05/06
		Oxygen-Consumption Rate	SM 2710B	NIA2	02/27/04
		Phosphorus, Total	EPA 365.3	NIIB4	01/04/08
		Potassium	EPA 200.7	MTL3	07/12/94
		Purgeables	EPA 624	OC8	08/29/94
		Residue Nonfilterable	SM 2540D	NIIA1	12/05/06
		Residue Total	SM 2540B	NIIA1	07/06/92
		Residue Volatile	EPA 160.4	NIIA1	02/27/04
		Residue, Filterable	SM 2540C	NIA2	12/19/95
		Residue, Settleable Solids	SM 2540F	NIIA1	07/06/92
		Salmonella In Sludge	SM 9260D	MIC1	07/13/10
		Selenium	EPA 200.7	MTL3	11/12/93
		Selenium	EPA 200.8	MTL1	10/21/08
		Silica, Dissolved	EPA 200.7	MTL3	07/12/94
		Silver	EPA 200.7	MTL3	11/12/93
		Silver	EPA 200.8	MTL1	10/21/08
		Sodium	EPA 200.7	MTL3	07/12/94
		Specific Conductance	SM 2510B	NIA2	06/28/96
		Strep, Fecal By Multiple Tube	SM 9230B	MIC7	07/01/02
		Strontium	EPA 200.7	MTL3	09/20/95
		Sulfate	EPA 300.0	NIIIA1	12/05/06
		Sulfide	HACH 8131	MISC1	04/17/08
		Thallium	EPA 200.7	MTL3	02/05/10
		Thallium	EPA 200.8	MTL1	10/21/08
		Tin	EPA 200.7	MTL3	10/21/08
		Titanium	EPA 200.7	MTL3	06/09/15
		Total Coliforms And E. Coli By Colilert Mpn	SM 9223B	MIC3	06/02/05
		Total Coliforms By Membrane Filter	SM 9222B	MIC1	09/20/95
		Total Coliforms By Mtf	SM 9221B	MIC1	06/16/08
		Total, Fixed And Volatile Solids In Sludge	SM 2540G	NIIA1	10/22/03
		Turbidity, Ntu	EPA 180.1	NIA2	07/06/92
		Uranium	EPA 200.8	MTL1	05/03/13
		Vanadium	EPA 200.7	MTL3	11/12/93
		Viruses	SM 9510	MIC10	03/08/94
		Zinc	EPA 200.7	MTL3	11/12/93

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<b>Program</b>	<b>WW</b>			
	<b>Parameter</b>	<b>EPA Method</b>	<b>Billing Code</b>	<b>Cert Date</b>
	Zinc	EPA 200.8	MTL1	10/21/08
Total Licensed Parameters in this Program:		92		

<b>Instruments</b>	<b>Quantity</b>	<b>Date</b>
GAS CHROMATOGRAPH/MASS SPECTROMETER	3	06/24/02
MERCURY ANALYZER	2	08/24/11
AUTOMATED AUTOANALYZER	2	10/21/08
HIGH PERFORMANCE LIQUID CHROMATOGRAPH	1	06/23/04
ION CHROMATOGRAPH W/MASS SPEC	1	06/22/15
INDUCTIVELY COUPLED PLASMA SPECTROMETER	1	06/11/08
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	1	10/21/08

<b>Softwares</b>
WATERS EMPOWER - HPLC
VARIAN - ICP
PERKIN ELMER - MERCURY ANALYZER
LACHAT OMNION-IC
ENVIROQUANT-GC/MS
OMNION (LACHAT)