

Friday, May 6 2016

**AZ License: AZ0765**

**Lab Name: Xenco Laboratory**

**Lab Director: Ms. Georgia Jones**

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Program	HW			
Parameter	EPA Method	Billing Code	Cert Date	
Alkaline Digestion For Hexavalent Chromium	EPA 3060A	PREP1	07/08/11	
Aluminum	EPA 6010B	MTL3	07/08/11	
Aluminum	EPA 6020	MTL1	04/22/11	
Antimony	EPA 6010B	MTL3	07/08/11	
Antimony	EPA 6020	MTL1	04/22/11	
Arsenic	EPA 6010B	MTL3	07/08/11	
Arsenic	EPA 6020	MTL1	04/22/11	
Barium	EPA 6010B	MTL3	07/08/11	
Barium	EPA 6020	MTL1	04/22/11	
Beryllium	EPA 6010B	MTL3	07/08/11	
Beryllium	EPA 6020	MTL1	04/22/11	
Boron	EPA 6010B	MTL3	07/08/11	
Bromide	EPA 9056	NIIIA1	04/22/11	
C10-C32 Hydrocarbons	8015AZ1	OC4	07/08/11	
Cadmium	EPA 6010B	MTL3	07/08/11	
Cadmium	EPA 6020	MTL1	04/22/11	
Calcium	EPA 6010B	MTL3	07/08/11	
Chloride	EPA 9056	NIIIA1	04/22/11	
Chlorin. Herbs By Gc Methylation	EPA 8151A	OC8	04/22/11	
Chromium, Hexavalent	EPA 7196A	MTL4	05/20/14	
Chromium, Total	EPA 6010B	MTL3	07/08/11	
Chromium, Total	EPA 6020	MTL1	04/22/11	
Closed System Purge And Trap Extract. Vocs	EPA 5035A	PREP2	05/20/14	
Cobalt	EPA 6010B	MTL3	07/08/11	
Cobalt	EPA 6020	MTL1	04/22/11	
Continuous Liquid-Liquid Extraction	EPA 3520C	PREP2	04/22/11	
Copper	EPA 6010B	MTL3	07/08/11	
Copper	EPA 6020	MTL1	04/22/11	
Corrosivity Ph Determination	EPA 9040C	HAZ1	05/20/14	
Cyanide	EPA 9012B	MISC2	07/08/11	
Edb And DbcP By Microextraction And Gc	EPA 8011	OC4	04/22/11	
Eox In Solids	EPA 9023	MISC18	04/22/11	
Fluoride	EPA 9056	NIIIA1	04/22/11	
Gel-Permeation Cleanup	EPA 3640A	PREP2	04/22/11	
Ignitability (Flash Point)	EPA 1010A	HAZ2	07/08/11	
Iron	EPA 6010B	MTL3	07/08/11	
Lead	EPA 6010B	MTL3	07/08/11	
Lead	EPA 6020	MTL1	04/22/11	
Lithium	EPA 6010B	MTL3	07/08/11	

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	Magnesium	EPA 6010B	MTL3	07/08/11
	Manganese	EPA 6010B	MTL3	07/08/11
	Manganese	EPA 6020	MTL1	04/22/11
	Mercury	EPA 7470A	MTL5	04/22/11
	Mercury	EPA 7471A	MTL5	04/22/11
	Molybdenum	EPA 6010B	MTL3	07/08/11
	Nickel	EPA 6010B	MTL3	07/08/11
	Nickel	EPA 6020	MTL1	04/22/11
	Nitrate	EPA 9056	NIIIA1	04/22/11
	Nitrite	EPA 9056	NIIIA1	04/22/11
	Oil And Grease And Petroleum Hydrocarbons	EPA 1664A	MISC2	07/08/11
	Organochlorine Pesticides By Gc	EPA 8081A	OC8	04/22/11
	Ortho-Phosphate	EPA 9056	NIIIA1	04/22/11
	Pcbs By Gc	EPA 8082	OC8	04/22/11
	Ph (Hydrogen Ion)	EPA 9045D	NIA2	05/20/14
	Potassium	EPA 6010B	MTL3	07/08/11
	Purge And Trap For Aqueous Samples	EPA 5030C	PREP2	05/20/14
	Selenium	EPA 6010B	MTL3	07/08/11
	Semivolatile Compounds By Gc/Ms	EPA 8270C	OC8	04/22/11
	Separatory Funnel Liquid-Liquid Extraction	EPA 3510C	PREP2	04/22/11
	Silica	EPA 6010B	MTL3	07/08/11
	Silica Gel Cleanup	EPA 3630C	PREP2	04/22/11
	Silver	EPA 6010B	MTL3	07/08/11
	Silver	EPA 6020	MTL1	04/22/11
	Sodium	EPA 6010B	MTL3	07/08/11
	Sp1p	EPA 1312	HAZ5	04/22/11
	Strontium	EPA 6010B	MTL3	07/08/11
	Sulfate	EPA 9056	NIIIA1	04/22/11
	Sulfides	EPA 9030B	MISC2	07/08/11
	Sulfur Cleanup	EPA 3660B	PREP2	04/22/11
	Tc1p	EPA 1311	HAZ5	04/22/11
	Thallium	EPA 6010B	MTL3	07/08/11
	Thallium	EPA 6020	MTL1	04/22/11
	Tin	EPA 6010B	MTL3	07/08/11
	Titanium	EPA 6010B	MTL3	07/08/11
	Total Metals	EPA 3010A	PREP1	04/22/11
	Tox	EPA 9020B	MISC2	04/22/11
	Ultrasonic Extraction	EPA 3550B	PREP2	04/22/11
	Vanadium	EPA 6010B	MTL3	07/08/11
	Vocs By Gc/Ms	EPA 8260B	OC8	04/22/11
	Zinc	EPA 6010B	MTL3	07/08/11

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Program		HW		
Parameter	EPA Method	Billing Code	Cert Date	
Zinc	EPA 6020	MTL1	04/22/11	
Total Licensed Parameters in this Program:		81		

Program		SDW		
Parameter	EPA Method	Billing Code	Cert Date	
Aluminum	EPA 200.7	MTL3	07/08/11	
Aluminum	EPA 200.8	MTL1	05/23/11	
Antimony	EPA 200.8	MTL1	05/23/11	
Arsenic	EPA 200.8	MTL1	05/23/11	
Barium	EPA 200.7	MTL3	07/08/11	
Barium	EPA 200.8	MTL1	05/23/11	
Beryllium	EPA 200.7	MTL3	07/08/11	
Beryllium	EPA 200.8	MTL1	05/23/11	
Bromide	EPA 300.0	NIIIA1	05/06/16	
Cadmium	EPA 200.7	MTL3	07/08/11	
Cadmium	EPA 200.8	MTL1	05/23/11	
Calcium	EPA 200.7	MTL3	07/08/11	
Carbon, Dissolved Organic	SM 5310C	MISC1	05/23/11	
Carbon, Total Organic	SM 5310C	MISC1	05/23/11	
Chloride	EPA 300.0	NIIIA1	05/06/16	
Chlorinated Acids And Dalapon By Gc/Ecd	EPA 515.1 (4.0)	OC4	08/26/11	
Chlorinated Pesticides By Gc-Ecd	EPA 508 (3.1)	OC8	08/26/11	
Chromium Total	EPA 200.7	MTL3	07/08/11	
Chromium Total	EPA 200.8	MTL1	05/23/11	
Copper	EPA 200.7	MTL3	07/08/11	
Copper	EPA 200.8	MTL1	05/23/11	
Cyanide	EPA 335.4	MISC2	05/23/11	
Cyanide Amenable To Chlorination	SM 4500-CN G	MISC2	07/08/11	
Edb/Dbcp	EPA 504.1 (1.1)	OC4	08/26/11	
Fluoride	EPA 300.0	NIIIA1	05/06/16	
Haloacetic Acids & Dalapon	EPA 552.3 (1.0)	OC4	09/05/12	
Hardness	EPA 200.7, CA&MG	MTL3	07/08/11	
Iron	EPA 200.7	MTL3	07/08/11	
Lead	EPA 200.8	MTL1	05/23/11	
Magnesium	EPA 200.7	MTL3	07/08/11	
Manganese	EPA 200.7	MTL3	07/08/11	
Manganese	EPA 200.8	MTL1	05/23/11	
Mercury	EPA 245.1	MTL5	05/23/11	
Nickel	EPA 200.7	MTL3	07/08/11	
Nickel	EPA 200.8	MTL1	05/23/11	
Nitrate	EPA 353.2	NIB1	07/08/11	

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<b>Program</b>		<b>SDW</b>		
Parameter	EPA Method	Billing Code	Cert Date	
Residue, Filterable (Tds)	SM 2540C	NIA2	05/06/16	
Selenium	EPA 200.8	MTL1	05/23/11	
Silica	EPA 200.7	MTL3	07/08/11	
Silver	EPA 200.7	MTL3	07/08/11	
Silver	EPA 200.8	MTL1	05/23/11	
Sodium	EPA 200.7	MTL3	07/08/11	
Strontium	EPA 200.7	MTL3	07/08/11	
Sulfate	EPA 300.0	NIIIA1	05/06/16	
Thallium	EPA 200.8	MTL1	05/23/11	
Uranium	EPA 200.8	MTL1	08/24/11	
Vocs By Gc/Ms	EPA 524.2 (4.1)	OC8	05/23/11	
Vocs By Gc/Ms-Additional	EPA 524.2 (4.1)	OC10	05/23/11	
Zinc	EPA 200.7	MTL3	07/08/11	
Zinc	EPA 200.8	MTL1	05/23/11	
Total Licensed Parameters in this Program:		50		

<b>Program</b>		<b>WW</b>		
Parameter	EPA Method	Billing Code	Cert Date	
Acidity	SM 2310B	NIIA1	07/08/11	
Alkalinity, Total	SM 2320B	NIA1	05/20/14	
Aluminum	EPA 200.7	MTL3	07/08/11	
Aluminum	EPA 200.8	MTL1	04/22/11	
Ammonia	EPA 350.1	NIIB1	07/08/11	
Antimony	EPA 200.7	MTL3	07/08/11	
Antimony	EPA 200.8	MTL1	04/22/11	
Arsenic	EPA 200.7	MTL3	07/08/11	
Arsenic	EPA 200.8	MTL1	04/22/11	
Barium	EPA 200.7	MTL3	07/08/11	
Barium	EPA 200.8	MTL1	04/22/11	
Base/Neutrals And Acids Excluding Pesticides	EPA 625	OC8	04/22/11	
Beryllium	EPA 200.7	MTL3	07/08/11	
Beryllium	EPA 200.8	MTL1	04/22/11	
Boron	EPA 200.7	MTL3	07/08/11	
Boron	EPA 200.8	MTL1	04/22/11	
Bromide	EPA 300.0	NIIIA1	05/20/14	
Cadmium	EPA 200.7	MTL3	07/08/11	
Cadmium	EPA 200.8	MTL1	04/22/11	
Calcium	EPA 200.7	MTL3	07/08/11	
Calcium	EPA 200.8	MTL1	04/22/11	
Carbon, Total Organic (Toc)	SM 5310C	MISC1	04/22/11	
Chemical Oxygen Demand	HACH 8000	DEM2	07/08/11	

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Chloride	EPA 300.0	NIIIA1	05/20/14	
Chromium Total	EPA 200.7	MTL3	07/08/11	
Chromium Total	EPA 200.8	MTL1	04/22/11	
Cobalt	EPA 200.7	MTL3	07/08/11	
Cobalt	EPA 200.8	MTL1	04/22/11	
Copper	EPA 200.7	MTL3	07/08/11	
Copper	EPA 200.8	MTL1	04/22/11	
Cyanide, Total	EPA 335.4	MISC2	04/22/11	
Fluoride	EPA 300.0	NIIIA1	05/20/14	
Hardness	EPA 200.7	MTL3	07/08/11	
Hydrogen Ion (Ph)	SM 4500-H B	NIA2	05/20/14	
Iron	EPA 200.7	MTL3	07/08/11	
Iron	EPA 200.8	MTL1	04/22/11	
Kjeldahl Nitrogen	EPA 351.2	NIIB4	07/08/11	
Lead	EPA 200.7	MTL3	07/08/11	
Lead	EPA 200.8	MTL1	04/22/11	
Lithium	EPA 200.7	MTL3	07/08/11	
Magnesium	EPA 200.7	MTL3	07/08/11	
Magnesium	EPA 200.8	MTL1	04/22/11	
Manganese	EPA 200.7	MTL3	07/08/11	
Manganese	EPA 200.8	MTL1	04/22/11	
Mercury	EPA 245.1	MTL5	04/22/11	
Molybdenum	EPA 200.7	MTL3	07/08/11	
Molybdenum	EPA 200.8	MTL1	04/22/11	
Nickel	EPA 200.7	MTL3	07/08/11	
Nickel	EPA 200.8	MTL1	04/22/11	
Nitrate-Nitrite (As N)	EPA 300.0	NIIIA1	04/22/11	
Nitrate-Nitrite (As N)	EPA 353.2	NIB1	07/08/11	
Oil And Grease, Total Petroleum Hydrocarbons	EPA 1664A	MISC2	07/08/11	
Organochlorine Pesticides And Pcb	EPA 608	OC8	04/22/11	
Phosphorus	EPA 200.7	MTL3	07/08/11	
Phosphorus, Total	EPA 365.1	NIIB4	07/08/11	
Potassium	EPA 200.7	MTL3	07/08/11	
Potassium	EPA 200.8	MTL1	04/22/11	
Purgeables	EPA 624	OC8	04/22/11	
Residue Nonfilterable	SM 2540D	NIIIA1	05/20/14	
Residue, Filterable	SM 2540C	NIA2	05/20/14	
Selenium	EPA 200.7	MTL3	07/08/11	
Selenium	EPA 200.8	MTL1	04/22/11	
Silica, Dissolved	EPA 200.7	MTL3	07/08/01	
Silver	EPA 200.7	MTL3	07/08/11	

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Silver	EPA 200.8	MTL1	04/22/11	
Sodium	EPA 200.7	MTL3	07/08/01	
Sodium	EPA 200.8	MTL1	04/22/11	
Specific Conductance	SM 2510B	NIA2	05/20/14	
Strontium	EPA 200.7	MTL3	07/08/11	
Sulfate	EPA 300.0	NIIIA1	05/20/14	
Sulfide	SM 4500-S F	MISC1	07/08/11	
Thallium	EPA 200.7	MTL3	07/08/11	
Thallium	EPA 200.8	MTL1	04/22/11	
Tin	EPA 200.7	MTL3	07/08/11	
Tin	EPA 200.8	MTL1	04/22/11	
Total, Fixed And Volatile Solids In Sludge	SM 2540G	NIIA1	05/20/14	
Vanadium	EPA 200.7	MTL3	07/08/11	
Vanadium	EPA 200.8	MTL1	04/22/11	
Zinc	EPA 200.7	MTL3	07/08/11	
Zinc	EPA 200.8	MTL1	04/22/11	
Total Licensed Parameters in this Program: 80				

Instruments	Quantity	Date
HIGH PERFORMANCE LIQUID CHROMATOGRAPH	3	08/29/11
GAS CHROMATOGRAPH	2	04/25/11
GAS CHROMATOGRAPH/MASS SPECTROMETER-HI RESOLUT	2	04/25/11
GAS CHROMATOGRAPH/MASS SPECTROMETER	1	05/17/11
ION CHROMATOGRAPH	1	04/25/11
INDUCTIVELY COUPLED PLASMA SPECTROMETER	1	06/30/11
INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETER	1	04/25/11
MERCURY ANALYZER	1	04/25/11
TOTAL ORGANIC ANALYZER	1	04/25/11
AUTOMATED AUTOANALYZER	1	05/17/11

Softwares
ENVIROQUANT - GC
AGILENT - ICP/MS
HP CHEMSTATION-HPLC
CHROMELEON - IC
ENVIROQUANT-GC/MS
THERMO ELECTRON - ICP
TOX-10E MITSUBISHI CHEMICAL CORPORATION
CHEMSTATION-ICP/MS

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