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Final

Addendum 1
Laboratory Specific Worksheets for Regional Monitoring Well Soil and Groundwater Sampling

Master Sampling and Analysis Plan East Vieques Terrestrial UXO Sites

Atlantic Fleet Weapons Training Area-Vieques
Former Vieques Naval Training Range
Vieques, Puerto Rico

Prepared for

Department of the Navy
ATLANTIC

Contract No.
N62470-08-D-1000
CTO-037

February 2013

Prepared by

CH2MHILL®

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Under the

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Virginia Beach, Virginia

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Executive Summary

The *Master Sampling and Analysis Plan, East Vieques Terrestrial UXO Sites, Former Vieques Naval Training Range, Vieques, Puerto Rico* (CH2M HILL, 2012) was prepared to guide environmental characterization activities at multiple UXO sites within the former Vieques Naval Training Range (VNTR) that will take place over multiple years. Because of the robust and long-term nature of the Master Sampling and Analysis Plan (SAP), it intentionally does not identify a specific laboratory but instead includes the protocols that any laboratory selected is requested to meet. It is therefore designed to be used in conjunction with site-specific addenda that provide laboratory-specific chemistry-related worksheets.

This is the first addendum to the Master SAP (Addendum 1) and it includes all the laboratory-specific worksheets for soil and groundwater sample analysis that will be done in conjunction with installation of the Regional Monitoring Wells on the Former VNTR. All well locations and sampling procedures are presented in the Master SAP.

The following laboratories were selected for performing the analyses associated with regional monitoring well installation:

1. Empirical Laboratories, LLC in Nashville, TN for analysis of soil and groundwater samples for all analyses except those listed below
2. Test America-Savannah in Savannah, GA for analysis of groundwater samples for total and dissolved metals by 6020A (other than Uranium).
3. APPL, Inc. in Clovis, CA for analysis of groundwater for explosives by 8330B and picric acid by 8321.
4. ARS International in Port Allen, LA for analysis of soil and groundwater samples for isotopic uranium and/or dissolved isotopic uranium.
5. Davis & Floyd, Inc. in Greenwood, SC for analysis of soil samples for elemental uranium.
6. ALS Environmental in Fort Collins, CO for analysis of groundwater samples for total and dissolved elemental uranium,

The associated laboratory-specific worksheets included in Addendum 1 are:

- Worksheet 15 – Field Sampling Requirements Table
- Worksheet 19 – Reference Limits and Evaluation Table
- Worksheet 20 – Field Quality Control Sample Summary Table
- Worksheet 23 – Analytical SOP References Table
- Worksheet 24 – Analytical Instrument Calibration Table
- Worksheet 28 – Laboratory QC Samples Table
- Worksheet 30 – Analytical Services Table

For multi-analyte lists, Worksheet #15 also presents accuracy and precision limits if the information would be cumbersome within Worksheet #28. These are the accuracy and precision limits which will be used by the selected laboratories to determine QA/QC exceedances, take corrective action if required, etc.

Worksheet #15 presents laboratory-specific reporting limits and compares them to screening levels (SLs) which are up-to-date as of preparation of this Final Addendum 1. SLs are subject to change and may be updated over time. The most-recent SLs are always presented in work plans and reports. Shading indicates SLs for which the laboratory-specific limits of detection (LODs) are greater than the SLs. Specific instances and their potential impact on data are discussed within Worksheet #11 of the Final Master SAP. Once the data are generated and used, the actual uncertainty surrounding the data and its use will be discussed in the data quality evaluation

report. If, at that time, it is determined that the uncertainty is unacceptable, additional analysis can be performed, if warranted.

For the soil sampling associated with monitoring well installation, the field team leaders (FTLs) are Antonio Luna [(813) 281-7956] and Ronny Fields [(865) 560-2801]. For the groundwater monitoring well sampling, the FTL(s) is to be determined (TBD). For both events, the third-party data validator has been identified as Doug Weaver of Environmental Data Services, Inc. Validation of radiological data will be completed using the USACE Radionuclide Data Quality Evaluation Guidance for Alpha and Gamma Spectroscopy.

These worksheets demonstrate that the laboratories adhere to the Master SAP protocols or, as applicable, provide justification for any deviation. The reader is referred to the Master SAP for information contained in worksheets not listed above and provided herein as it remains applicable to the sampling covered under this SAP addendum.

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SAP Worksheet #15-1 — Reference Limits and Evaluation Table

(UFP-QAPP Manual Section 2.8.1)

Matrix: SB

Analytical Group: EXPLO

Analyte[1]	CAS No.	RSLs Residential Soil Adjusted[2,9] (µg/kg)	RSLs Industrial Soil Adjusted[2] (µg/kg)	Ecological Soil ESVs[3] (µg/kg)	SSL[4,9] (µg/kg)	Project QL Goal[5] (µg/kg)	Laboratory Specific Limits[6] (µg/kg)			A/P Limits[7] (%)		
							LOQs	LODs	DLs	LCL	UCL	%RPD
HMX	2691-41-0	380000	4900000	10000	990	495	400	200	100	75	125	30
RDX	121-82-4	5600	24000	10000	0.23	0.115	400	200	100	70	135	30
1,3,5-Trinitrobenzene	99-35-4	220000	2700000	--	1700	850	400	200	100	75	125	30
1,3-Dinitrobenzene	99-65-0	610	6200	--	1.4	0.7	400	200	100	80	125	30
Tetryl	479-45-8	24000	250000	10000	590	295	400	200	100	10	150	30
Nitrobenzene	98-95-3	4800	24000	2260	0.079	0.0395	400	200	100	75	125	30
2,4,6-Trinitrotoluene	118-96-7	3600	42000	10000	13	6.5	400	200	100	55	140	30
4-Amino-2,6-dinitrotoluene	19406-51-0	15000	190000	--	23	11.5	400	200	100	80	125	30
2-Amino-4,6-dinitrotoluene	35572-78-2	15000	200000	80000	23	11.5	400	200	100	80	125	30
2,4-Dinitrotoluene	121-14-2	1600	5500	11000	0.28	0.14	400	200	100	80	125	30
2,6-Dinitrotoluene	606-20-2	6100	62000	8500	20	10	400	200	100	80	125	30
2-Nitrotoluene	88-72-2	2900	13000	--	0.25	0.125	400	200	100	80	125	30
3-Nitrotoluene	99-08-1	610	6200	--	1.2	0.6	400	200	100	75	125	30
4-Nitrotoluene	99-99-0	24000	110000	--	3.4	1.7	400	200	100	75	125	30
Nitroglycerin	55-63-0	610	6200	--	0.66	0.33	2000	1000	500	60	120	30
PETN	78-11-5	12000	120000	--	24	12	2000	1000	500	60	120	30
3,5-Dinitroaniline	618-87-1	--	--	--	--	N/A	400	200	100	60	120	30
Perchlorate	14797-73-0	5500	72000	1000	--	500	100	50	25	80	120	15

Notes:

Highlighting indicates screening levels for which the LOD is greater than the screening level. For SSLs, there are several compounds where the DL is greater than the screening level. When this occurs, there exists a range of uncertainty (between the DL and the screening level) where a detection at greater than the SSL but less than the DL would not be reported because it cannot be distinguished from noise. Nondetects will be treated as non-exceedances, and the resulting uncertainty will be discussed in the data quality evaluation report.

1. Full 8330B-list & Perchlorate
2. RSLs presented are current as of November, 2012.
3. Ecological Soil ESVs are current as of August, 2010.
4. Risk-based SSL if no MCL-based SSL, current as of November, 2012
5. The PQL Goal is 1/2 the lesser of applicable screening levels.
6. Laboratory-specific limits shown reflect an initial 5X dilution.
7. DoD QSM v. 4.1 does not provide accuracy or precision limits for 8330B compounds. In-house limits are provided.
8. Results for non-aqueous samples are reported on a dry-weight basis. For fractions which have been dried prior to analysis, results are reported on an as-received basis (for the dried fraction).
9. Note that, at the time of preparation of Draft Addendum 1, comparison to SSLs and residential RSLs was not planned. Only industrial RSLs and ecological ESVs were considered when establishing PQL Goals at that time.

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SAP Worksheet #15-2 — Reference Limits and Evaluation Table

(UFP-QAPP Manual Section 2.8.1)

Matrix: SB
Analytical Group: METAL

Analyte[1]	CAS No.	Method[2]	RSLs Residential Soil Adjusted[3,8] (mg/kg)	RSLs Industrial Soil Adjusted[3] (mg/kg)	Ecological Soil ESVs[4] (mg/kg)	SSL[5,8] (mg/kg)	Project QL Goal[6] (mg/kg)	Laboratory Specific Limits (mg/kg)			A/P Limits (%)		
								LOQs	LODs	DLs	LCL	UCL	%RPD
Aluminum	7429-90-5	6010C	7700	99000		23000	3850	10	5	2.5	80	120	20
Antimony	7440-36-0	6010C	3.1	41	78	0.27	0.135	0.5	0.4	0.25	80	120	20
Arsenic	7440-38-2	6010C	0.39	1.6	18	0.29	0.145	0.5	0.3	0.15	80	120	20
Barium	7440-39-3	6010C	1500	19000	330	82	41	2	0.5	0.25	80	120	20
Beryllium	7440-41-7	6010C	16	200	40	3.2	1.6	0.25	0.05	0.01	80	120	20
Cadmium	7440-43-9	6010C	7	80	32	0.38	0.19	0.25	0.05	0.01	80	120	20
Calcium	7440-70-2	6010C	--	--	--	--	N/A	250	100	50	80	120	20
Chromium	7440-47-3	6010C	0.29	5.6	64	180000	0.145	0.5	0.2	0.1	80	120	20
Chromium (hexavalent)	18540-29-9	7196A	0.29	5.6	--	0.00059	0.000295	1	0.8	0.4	85	115	30
Cobalt	7440-48-4	6010C	2.3	30	13	0.21	0.105	2.5	2	1	80	120	20
Copper	7440-50-8	6010C	310	4100	70	46	23	0.5	0.4	0.2	80	120	20
Iron	7439-89-6	6010C	5500	72000	--	270	135	5	3	1.5	80	120	20
Lead	7439-92-1	6010C	400	800	120	14	7	0.25	0.15	0.075	80	120	20
Magnesium	7439-95-4	6010C	--	--	--	--	N/A	250	150	50	80	120	20
Manganese	7439-96-5	6010C	180	2300	220	21	10.5	0.75	0.3	0.15	80	120	20
Nickel	7440-02-0	6010C	150	2000	38	20	10	0.5	0.3	0.15	80	120	20
Potassium	7440-09-7	6010C	--	--	--	--	N/A	250	150	50	80	120	20
Selenium	7782-49-2	6010C	39	510	0.52	0.26	0.13	0.5	0.25	0.15	80	120	20
Silver	7440-22-4	6010C	39	510	560	0.6	0.3	0.5	0.1	0.05	75	120	20
Sodium	7440-23-5	6010C	--	--	--	--	N/A	250	150	50	80	120	20
Thallium	7440-28-0	6010C	0.078	1	1	0.14	0.039	0.4	0.2	0.15	80	120	20
Uranium	7440-61-1	6010C	23	310	TBD	21	10.5	2	0.5	0.3	80	120	20
Vanadium	7440-62-2	6010C	39	520	130	78	19.5	0.625	0.5	0.25	80	120	20
Zinc	7440-66-6	6010C	2300	31000	120	290	60	1	0.5	0.25	80	120	20

Notes:

Highlighting indicates screening levels for which the LOD is greater than the screening level. For arsenic, a detection at the SSL would be reported, J-qualified if less than the LOQ. For thallium, a detection at the SSL or residential soil RSL would be reported, J-qualified if less than the LOQ. For hexavalent chromium, a detection at the residential soil RSL would be reported, J-qualified if less than the LOQ. The SSL for hexavalent chromium, however, is unreasonably low and cannot be achieved using current technology. There exists a range of uncertainty (between 0.00059 and 0.23mg/kg) where a detection at greater than the SSL but less than the DL would not be reported because it cannot be distinguished from noise. The project team will use Chromium (via 6020A) data, pH data, and ORP data in conjunction with hexavalent chromium (via 7196A) data to interpret the hexavalent chromium results. Nondetects will be treated as non-exceedances, and the resulting uncertainty will be discussed in the data quality evaluation report.

1. ILM05-list (no Hg, no CN) & HexCr. Uranium is not part of the TAL and is shown only for samples which require analysis for Uranium.
2. Soil 6010C and 7196A are performed at Empirical. Soil 6010C (uranium) is performed at ALS-Kelso.
3. RSLs presented are current as of November, 2012.
4. Ecological Soil ESVs are current as of August, 2010.
5. Risk-based SSL if no MCL-based SSL, current as of November, 2012
6. The PQL Goal is 1/2 the lesser of applicable screening levels.
7. Results for non-aqueous samples are reported on a dry-weight basis. For fractions which have been dried prior to analysis, results are reported on an as-received basis (for the dried fraction).
8. Note that, at the time of preparation of Draft Addendum 1, comparison to SSLs and residential RSLs was not planned. Only industrial RSLs and ecological ESVs were considered when establishing PQL Goals and selecting between 6010 and 6020 at that time.

SAP Worksheet #15-3 — Reference Limits and Evaluation Table

(UFP-QAPP Manual Section 2.8.1)

Matrix: SB
Analytical Group: WCHEM

Analyte	CAS No.[1]	Project Indicator Limit[2] (mg/kg)	Project QL Goal (mg/kg)	Laboratory Specific Limits (mg/kg)		
				LOQs	LODs	DLs
pH (PH units)	PH	N/A	N/A	N/A	N/A	N/A
Total Organic Carbon (TOC)	TOC	N/A	N/A	800	400	200
Redox (MV units)	REDOX	N/A	N/A	N/A	N/A	N/A

Notes:

1. Some CAS numbers are contractor-specific
2. There are no project indicator limits for these WCHEM data. pH data are used to help interpret metals data for ecological receptors. TOC data may be used to create site-specific leaching factors. ORP data are used to help interpret hexavalent chromium results.

SAP Worksheet #15-4 — Reference Limits and Evaluation Table

(UFP-QAPP Manual Section 2.8.1)

Matrix: GW
Analytical Group: EXPLO

Analyte[1]	CAS No.	RSLs Tap Water Adjusted[2] (µg/L)	PRWQ Class SG (for GW)[3] (µg/L)	MCLs (µg/L)	Project QL Goal[4] (µg/L)	Laboratory Specific Limits (µg/L)			A/P Limits (%)[5]		
						LOQs	LODs	DLs	LCL	UCL	%RPD
HMX	2691-41-0	78	--	--	39	0.5	0.3	0.115	80	115	30
RDX	121-82-4	0.61	--	--	0.305	0.5	0.3	0.123	50	160	30
1,3,5-Trinitrobenzene	99-35-4	46	--	--	23	0.5	0.3	0.13	65	140	30
1,3-Dinitrobenzene	99-65-0	0.15	--	--	0.075	0.5	0.3	0.131	45	160	30
Tetryl	479-45-8	6.1	--	--	3.05	0.5	0.3	0.133	20	175	30
Nitrobenzene	98-95-3	0.12	17	--	0.06	0.5	0.3	0.126	50	140	30
2,4,6-Trinitrotoluene	118-96-7	0.76	--	--	0.38	0.5	0.3	0.133	55	155	30
4-Amino-2,6-dinitrotoluene	19406-51-0	3	--	--	1.5	0.5	0.3	0.1	50	155	30
2-Amino-4,6-dinitrotoluene	35572-78-2	3	--	--	1.5	0.5	0.3	0.125	50	155	30
2,4-Dinitrotoluene	121-14-2	0.2	1.1	--	0.1	0.5	0.3	0.125	60	135	30
2,6-Dinitrotoluene	606-20-2	1.5	--	--	0.75	0.5	0.3	0.125	60	135	30
2-Nitrotoluene	88-72-2	0.27	--	--	0.135	0.5	0.3	0.126	45	135	30
3-Nitrotoluene	99-08-1	0.13	--	--	0.065	0.5	0.3	0.133	50	130	30
4-Nitrotoluene	99-99-0	3.7	--	--	1.85	0.5	0.3	0.133	50	130	30
Nitroglycerin	55-63-0	0.15	--	--	0.075	0.5	0.3	0.13	70	130	20
PETN	78-11-5	3	--	--	1.5	2.5	1.5	0.607	65	115	20
Picric Acid	88-89-1	--	--	--	N/A	0.2	0.12	0.06	30	130	50
Perchlorate	14797-73-0	1.1	--	--	0.55	0.6	0.4	0.2	80	120	15

Notes:

Highlighting indicates screening levels for which the LOD is greater than the screening level. For several compounds, the tapwater RSL is greater than the LOD and an exceedance would be reported as J-qualified if less than the LOQ. For nitrobenzene, there exists a range of uncertainty (between 0.12 and 0.126 µg/L) where a detection at greater than the RSL but less than the DL would not be reported because it cannot be distinguished from noise. Nondetects will be treated as non-exceedances, and the resulting uncertainty will be discussed in the data quality evaluation report.

1. Full 8330B-list minus 3,5-DNA plus picric acid & perchlorate.
2. RSLs presented are current as of November, 2012.
3. PRWQs are current as of August, 2011.
4. The PQL Goal is 1/2 the lesser of applicable screening levels.
5. DoD QSM v. 4.1 does not provide accuracy or precision limits for NG, PETN, or Picric Acid. In-house limits are provided.

SAP Worksheet #15-5 — Reference Limits and Evaluation Table

(UFP-QAPP Manual Section 2.8.1)

Matrix: GW

Analytical Group: METAL, FMETAL

Analyte[1]	CAS No.	Method[2]	RSLs Tap Water Adjusted[3] (µg/L)	PRWQ Class SG (for GW)[4] (µg/L)	MCLs (µg/L)	Project QL Goal[5] (µg/L)	Laboratory Specific Limits (µg/L)			A/P Limits (%)		
							LOQs	LODs	DLs	LCL	UCL	%RPD
Aluminum	7429-90-5	6010C	1600	--	--	800	10	5	2.5	80	120	20
Antimony	7440-36-0	6010C	0.6	5.6	6	0.3	0.5	0.4	0.25	80	120	20
Arsenic	7440-38-2	6010C	0.045	10	10	0.0225	0.5	0.3	0.15	80	120	20
Barium	7440-39-3	6010C	290	--	2000	145	10	2.5	1.25	80	120	20
Beryllium	7440-41-7	6010C	1.6	--	4	0.8	1.25	0.5	0.25	80	120	20
Cadmium	7440-43-9	6010C	0.69	5	5	0.345	1.25	0.5	0.25	80	120	20
Calcium	7440-70-2	6010C	--	--	--	N/A	1250	500	250	80	120	20
Chromium[6]	7440-47-3	6010C	0.031	100	100	0.0155	2.5	1	0.5	80	120	20
Chromium (hexavalent)	18540-29-9	7196A	0.031	--	--	0.0155	25	20	10	80	120	20
Cobalt	7440-48-4	6020A	0.47	--	--	0.235	0.5	0.3	0.12	80	120	20
Copper	7440-50-8	6010C	62	1300	1300	31	2.5	2	1	80	120	20
Iron	7439-89-6	6010C	1100	--	--	550	25	15	7.5	80	120	20
Lead	7439-92-1	6010C	15	15	15	7.5	0.75	0.75	0.375	80	120	20
Magnesium	7439-95-4	6010C	--	--	--	N/A	1250	750	250	80	120	20
Manganese	7439-96-5	6010C	32	--	--	16	3.75	1.5	0.75	80	120	20
Nickel	7440-02-0	6010C	30	610	--	15	2.5	1.5	0.75	80	120	20
Potassium	7440-09-7	6010C	--	--	--	N/A	1250	750	250	80	120	20
Selenium	7782-49-2	6010C	7.8	50	50	3.9	2.5	1.25	0.75	80	120	20
Silver	7440-22-4	6010C	7.1	--	--	3.55	2.5	0.5	0.25	80	120	20
Sodium	7440-23-5	6010C	--	--	--	N/A	1250	750	250	80	120	20

SAP Worksheet #15-5 — Reference Limits and Evaluation Table (continued)

(UFP-QAPP Manual Section 2.8.1)

Matrix: GW

Analytical Group: METAL, FMETAL

Analyte[1]	CAS No.	Method[2]	RSLs Tap Water Adjusted[3] (µg/L)	PRWQ Class SG (for GW)[4] (µg/L)	MCLs (µg/L)	Project QL Goal[5] (µg/L)	Laboratory Specific Limits (µg/L)			A/P Limits (%)		
							LOQs	LODs	DLs	LCL	UCL	%RPD
Thallium	7440-28-0	6020A	0.016	0.24	2	0.008	1	0.25	0.25	80	120	20
Uranium	7440-61-1	6020A	4.7	TBD	--	2.35	0.1	0.035	0.035	75	125	25
Vanadium	7440-62-2	6010C	7.8	--	--	3.9	3.125	2.5	1.25	80	120	20
Zinc	7440-66-6	6010C	470	--	--	235	5	2.5	1.25	80	120	20

Notes:

Highlighting indicates screening levels for which the LOD is greater than the screening level. For As, an exceedance of the tapwater RSL would be reported as J-qualified if less than the LOQ. For As, there exists a small range of uncertainty (between 0.045µg/L and 0.15µg/L) where a detection at greater than the adjusted tapwater RSL would not be reported because it cannot be distinguished from noise. For Tl, there exists a small range of uncertainty (between 0.016µg/L and 0.25µg/L) where a detection at greater than the adjusted tapwater RSL would not be reported because it cannot be distinguished from noise. For Tl, there exists a small range of uncertainty (between 0.24µg/L and 0.25µg/L) where a detection at greater than the Class SG standard would not be reported because it cannot be distinguished from noise. For chromium, the adjusted tapwater RSL is that for hexavalent chromium (there are no RSLs for chromium). If hexavalent chromium is absent, the adjusted tapwater RSL for trivalent chromium (1600µg/L) applies. Hexavalent chromium data must be used in conjunction with total chromium data to gain an understanding of the site conditions. For example, if hexavalent chromium is nondetect (at the hexavalent chromium LOD and assumed less than the chromium detection or nondetect chromium LOD) then the resulting uncertainty will be discussed in the data quality evaluation and the total chromium result will be compared to the screening level for trivalent chromium. Or, if hexavalent chromium is detected at greater than that for total chromium, then it will be treated as if present at the total chromium level (the excess is attributed to interference). Or, if hexavalent chromium is detected at less than that for total chromium, then a value for trivalent chromium is calculated and compared to that screening level, and the hexvalent chromium result is compared to its screening level. In any case, nondetects are treated as non-exceedances and the resulting uncertainty is discussed in the data quality evaluation.

1. ILM05-list (no Hg, no CN) & HexCr
2. Aqueous 6010C and 7196A is performed at Empirical and Aqueous 6020A is performed at TestAmerica-Savannah. Aqueous 6020A (uranium) is performed at ALS-Fort Collins. Note that for Aqueous As and Cr, the 6010C limits are already lower than the 6020A limits; therefore analysis via 6020A is not proposed.
3. RSLs presented are current as of November, 2012.
4. PRWQs are current as of August, 2011.
5. The PQL Goal is 1/2 the lesser of applicable screening levels.
6. Hexavalent chromium cannot exceed total chromium and so whether chromium is detected or nondetect, hexavalent chromium must be present or not present at less than total chromium's concentration or reporting limit. Further, samples collected at multiple sites across Vieques and analyzed for both total chromium and hexavalent chromium show that hexavalent chromium generally makes up a very small percentage of the total chromium. Furthermore, it is not unusual to see (colorimetric) hexavalent chromium concentrations which exceed (ICP-AES or ICP-MS) chromium concentrations and such is routinely attributed to interference.

SAP Worksheet #15-6 — Reference Limits and Evaluation Table

(UFP-QAPP Manual Section 2.8.1)

Matrix: SB

Analytical Group: RAD

Analyte	CAS No.[1]	Worker Scenario Soil PRGs (pCi/g)	Ecological Soil BSVs (pCi/g)	Project QL Goal[2] (pCi/g)	Laboratory Specific Limits (pCi/g)		
					LOQs	LODs	DLs
Uranium-234	13966-29-5	29.1	5000	14.55	6.99	0.028	0.014
Uranium-235	15117-96-1	30.9	3000	15.45	0.303	0.018	0.009
Uranium-238	TBD	1.5	2000	0.75	7.72	0.028	0.014

Notes:

1. The CAS number for Uranium-238 is to be determined.
2. The PQL Goal is 1/2 the lesser of applicable screening levels.

SAP Worksheet #15-7 — Reference Limits and Evaluation Table

(UFP-QAPP Manual Section 2.8.1)

Matrix: GW

Analytical Group: RAD, FRAD

Analyte	CAS No.[1]	Residential Scenario GW PRGs (pCi/L)	Project QL Goal[2] (pCi/L)	Laboratory Specific Limits (pCi/L)		
				LOQs	LODs	DLs
Uranium-234	13966-29-5	0.7	0.35	1.62	0.019	0.01
Uranium-235	15117-96-1	0.7	0.35	0.108	0.011	0.006
Uranium-238	TBD	0.6	0.3	1.62	0.008	0.004

Notes:

1. The CAS number for Uranium-238 is to be determined.
2. The PQL Goal is 1/2 the lesser of applicable screening levels.

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SAP Worksheet #19 — Field Sampling Requirements Table

(UFP-QAPP Manual Section 3.1.1)

Matrix	Analytical Group[5]	Analytical and Preparation Method / SOP Reference	Containers	Sample Volume[1]	Preservation Requirements	Maximum Holding Time
SB	EXPLO	SW-846 8330B / SOP327	One of 4oz CWM	10g	≤ 6°C but not frozen	14 days / 40 days
		SW-846 6850 / SOP239		10g[2]		28 days
	METAL	SW-846 6010C / SOP100, SOP105	One of 4oz CWM	2g	≤ 6°C but not frozen	6 months
		SW-846 3060A, 7196A / SOP197, SOP166		2.5g		30 days / 7 days
	WCHEM	SW-846 9045D / SOP187	One of 4oz CWM	10g	≤ 6°C but not frozen	ASAP
		Lloyd Kahn / SOP221		2.5g		14 days
		ASTM D1498		28g		28 days / ASAP
	METAL (U-only)	SW-846 6010C / 32304, 32302	One of 1L WM HDPE[4]	0.25g	≤ 6°C but not frozen	6 months
	RAD	EML U-02 Mod / ARS-036, ARS-026		1g (100g pref.)		6 months
GW	EXPLO	SW-846 3535A, 8330B / MWE3535, HPL8330	Two of 1L AWM	1000mL[3]	≤ 6°C but not frozen	7 days / 40 days
		SW-846 3535A, 8321 / MWE3535, HPL8321, (for Picric Acid)				
		SW-846 6850 / SOP239	One of 250mL HDPE	10mL	Field-filter with 0.2um PTFE membrane filter; ≤6°C but not frozen; headspace in jar; protect from light	28 days
	METAL	SW-846 6010C / SOP100, SOP105	One of 250mL HDPE	50mL	HNO_3 to pH < 2; ≤ 6°C but not frozen	6 months
		SW-846 6020A / SA-ME-050, SA-ME-074		25mL		6 months
		SW-846 7196A / SOP166	One of 250mL HDPE	100mL	≤ 6°C but not frozen	24 hours
	FMETAL	Additional containers collected after field-filtering, otherwise identical to GW METALs, above.				
	METAL (U-only)	SW-846 6020A / SOP806, SOP827	One of 125mL HDPE	125mL	HNO_3 to pH < 2; ≤ 6°C but not frozen	6 months
	RAD	EML U-02 Mod / ARS-036, ARS-026	One of 1L WM HDPE	1mL	≤ 6°C but not frozen	6 months
	FMETAL (U-only) and FRAD	Additional containers collected after field-filtering, otherwise identical to GW METAL (U-only) and RAD, above.				

Notes:
1. Fill to capacity. These are minimums required for preparation or analysis.
2. Empirical will extract 10g of soil for perchlorate rather than the typical 1g. This is intended to provide a more-representative extraction.
3. Explosives and Picric Acid are analyzed from the same extract.
4. Fractions collected into the 1L WM HDPE do not require triple volume for MS/MSD designation (applies to soil metallic uranium).
5. All fractions are shipped to Empirical with the following exceptions:
   Empirical will ship GW 6020 fractions to TestAmerica-Savannah.
   SB RAD and METAL (U-only) fractions are shipped to ARS. ARS will ship SB METAL (U-only) to Davis & Floyd.
   GW METAL and FMETAL (U-only) fractions are shipped to ALS-Fort Collins.
   GW EXPLO (8330B and 8321 only) fractions are shipped to APPL.

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SAP Worksheet #20 — Field Quality Control Sample Summary Table

(UFP-QAPP Manual Section 3.1.1)

Matrix	Analytical Group	No. of Sampling Locations	No. of Field Duplicates	No. of MS/MSD Pairs	No. of Equipment Blanks[1]	Total No. of Samples to Lab
Regional Monitoring Well Installation (Soil Sampling) tent. July, 2012						
SB	EXPLO	23	3	2	23	53
	METAL	23	3	2	23	53
	METAL (U-only)	1	1	0	1	3
	RAD	1	1	0	1	3
Regional Monitoring Wells (Groundwater Sampling) tent February, 2013						
GW	EXPLO	23	3	2	10	40
	METAL	23	3	2	10	40
	FMETAL	23	3	2	10	40
	METAL (U-only)	1	1	1	1	5
	FMETAL (U-only)	1	1	1	1	5
	RAD	1	1	0	1	3
	FRAD	1	1	0	1	3

Notes:

1. The number of equipment blanks is based on a fundamental assumptions. For soil, it is assumed that one sample will be collected per day (of sampling) using decontaminated equipment. For groundwater, it is assumed that samples will be collected over a ten-day sampling period. The field team will adhere to the requirements specified in Worksheet #28.

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SAP Worksheet #23 — Analytical SOP References Table

(UFP-QAPP Manual Section 3.2.1)

Lab SOP Number	Title, Revision Date[1], and/or Number	Date Last Revisited if not Revised[1]	Definitive or Screening Data	Matrix and Analytical Group	Instrument	Organization Performing Analysis[1,5]	Variance to QSM	Modified for Project Work? (Y/N)
SHR001	Receiving Samples; 9/5/2012; Rev. 43		N/A	N/A	N/A (receipt)	APPL	None	N
SHR012	Sample Disposal and Waste Collection, Storage and Disposal; 10/9/12; Rev. 13		N/A	N/A	N/A (disposal)	APPL	None	N
HPL8321	Method 8321 LC-Mass Spectrometer Analysis of Carbamate / Urea and Nitroaromatic / Nitrosamine Compounds; 9/26/12; Rev. 0		Definitive	GW / EXPLO (for Picric Acid)	HPLC	APPL	None	N
HPL8330	Explosive Compounds: Diode Array Detector by High Pressure Liquid Chromatography; 8/24/12; Rev. 1		Definitive	GW / EXPLO	HPLC	APPL	None	N
MWE3535	Solid Phase Extraction for Aqueous Explosive Samples (EPA Method 3535A); 8/28/12; Rev. 0		Definitive	GW / EXPLO	N/A (extraction)	APPL	None	N
QS10	Laboratory Sample Receiving, Log In, and Storage; 9/16/11; Rev. 18		N/A	N/A	N/A (receipt)	Empirical	None	N
QS14	Analytical Laboratory Waste Disposal; 4/30/12; Rev. 7		N/A	N/A	N/A (disposal)	Empirical	None	N
SOP327	Nitroaromatics and Nitroamines by High Performance Liquid Chromatography (HPLC) Method 8330, 8330A, 8330B and 8332; 6/5/12; Rev. 22		Definitive	SB / EXPLO	HPLC	Empirical	None	N[2]
SOP239	Perchlorate in Water, Soil, and Solid Waste using High Performance Liquid Chromatography / Electrospray Ionization / Mass Spectrometry by SW-846 Method 6850; 6/26/12; Rev. 9		Definitive	SB, GW / EXPLO	HPLC	Empirical	None	N[2], Y[4]
SOP100	Metals Digestion / Preparation; 3/7/12; Rev. 13		Definitive	SB, GW / METAL, FMETAL	N/A (digestion)	Empirical	None	N
SOP105	Metals by Inductively Coupled Plasma-Atomic Emission Spectrometry (ICP-AES) Technique; 8/13/12; Rev. 19		Definitive	SB, GW / METAL, FMETAL	ICP-AES	Empirical	None	N
SOP197	Alkaline Digestion for Hexavalent Chromium in Soil and Sediment SW-846 Method 3060A; 7/20/12; Rev. 11		Definitive	SB / METAL	N/A (digestion)	Empirical	None	N
SOP166	Hexavalent Chromium (Cr+6) Manual Method by SW-846 7196A / Standard Methods 3500-Cr D; 8/20/12; Rev. 10		Definitive	SB, GW / METAL, FMETAL	Spectrophotometer	Empirical	None	N
SA-CU-01	Sample Receipt Procedures; 2/3/12; Rev. 8A		N/A	N/A	N/A (receipt)	TestAmerica-Savannah	None	N
SA-ME-050	Liquid Preparation Procedures for ICP and ICP/MS (Methods: EPA 200.7, 200.8, 3005A, 3010A, SM3030C, and Filtration); 6/9/11; Rev. 13	June, 2012	Definitive	GW / METAL, FMETAL	N/A (digestion)	TestAmerica-Savannah	None	N
SA-ME-074	Elements by ICP-MS (Methods: EPA 200.8, EPA 6020, and EPA 6020A); 6/9/11; Rev. 6	June, 2012	Definitive	GW / METAL, FMETAL	ICP-MS	TestAmerica-Savannah	None	N
20016	Sample Management; 1/18/5; Rev. 4		N/A	N/A	N/A (custody)	Davis & Floyd	None	N
20015	pH Screening of Preserved Sample Fractions; 1/6/10; Rev. 4		N/A	N/A	N/A (handling)	Davis & Floyd	None	N
32101	Inductively Coupled Plasma Atomic Emission Spectroscopy by Methods SW-846 6010C and EPA 200.7; 2/22/12; Rev. 14		Definitive	SB / METAL (U-only)	ICP-AES	Davis & Floyd	None	N
32304	Acid Digestion of Soils, Sludges, and Sediments Using Method EPA 3050B; 7/11/12; Rev. 10		Definitive	SB / METAL (U-only)	N/A (digestion)	Davis & Floyd	None	N
32302	Acid Digestion of Waters for Total Dissolved Metals for South Carolina and Total Metals for Analysis by ICP Spectroscopy Using Methods SW846 3010A; 7/11/12; Rev. 10		Definitive	AQ (blanks) / METAL (U-only)	ICP-AES	Davis & Floyd	None	N
SOP 202	Login and Distribution of Samples and Workorders; 6/4/12; Rev. 12		N/A	N/A	N/A (receipt)	ALS - Fort Collins	None	N
SOP 806	Digestion of Waters, Soils, and Wastes for Metals Analysis - Methods SW3005A, SW3010A, SW3050B, EPA 200.2 and CLP SOW ILM03.0 % ILM4.0; 5/3/12; Rev. 15		Definitive	GW / METAL, FMETAL (U-only)	N/A (digestion	ALS - Fort Collins	None	N

SAP Worksheet #23 — Analytical SOP References Table (continued)

(UFP-QAPP Manual Section 3.2.1)

Lab SOP Number	Title, Revision Date[1], and/or Number	Date Last Revisited if not Revised[1]	Definitive or Screening Data	Matrix and Analytical Group	Instrument	Organization Performing Analysis[1,5]	Variance to QSM	Modified for Project Work? (Y/N)
SOP 827	Determination of Elements by Inductively Coupled Plasma Mass Spectrometry - Methods EPA 200.8 and SW6020 and 6020A; 8/16/12; Rev. 9		Definitive	GW / METAL, FMETAL (U-only)	ICP-MS	ALS - Fort Collins	None	N
ARS-062	Sample Receiving; 11/30/11; Rev. 4		N/A	N/A	N/A (receipt)	ARS, LLC	None	N
ARS-064	Pre-Analytical Sample Preparation; 7/3/12; Rev. 4		N/A	SB / RAD and GW / METAL, RAD, FRAD	N/A (general prep and %Moist)	ARS, LLC	None	N
ARS-036	Sample Microwave Digestion; 7/27/12; Rev. 4		Definitive	SB / RAD and GW / RAD, FRAD	N/A (digestion prior to ICP-MS or Alpha-Spectrometer)	ARS, LLC	None	N
ARS-026	Americium, Plutonium, and Uranium in Water, Soil, and Vegetation Matrices by Sequential Separation using Eichrom Stabilized Chemistry Resin (with Vacuum Box System Option); 7/6/12; Rev. 9		Definitive	SB, GW / RAD, FRAD	Alpha Spectrometer	ARS, LLC	None	N
ARS-014	Operational Quality Assurance; 7/6/12; Rev. 6		N/A	N/A	N/A (QA Procedures)	ARS, LLC	None	N
SOP187	Electrometric Determination of pH; 6/8/12; Rev. 10		Screening	SB / WCHEM	pH Probe	Empirical	None	N
SOP221	Total Organic Carbon (TOC) by SM5310C, SW-846 Method 9060/9060A AND Lloyd Kahn Method "Determination of TOC in Sediment"; 8/22/11; Rev. 10		Screening	SB / WCHEM	TOC Analyzer	Empirical	None	N
ASTM D1498	Empirical employs ASTM D1498 for analysis of ORP in soil. Due to copyright restrictions, this method is not available for distribution.		Screening	SB / WCHEM	ORP Probe	Empirical	None	Y[3]

Notes:

1. This worksheet was last updated prepared on January 31, 2013. It is intended to be a snapshot as it pertains to dates for SOP revision/revisitation and DoD ELAP accreditation.
2. The laboratory can perform an initial 5X dilution for soil explosives and perchlorate because the LOQs are so far below the screening levels. Refer to Worksheet #15-1. Note that PQL goals were established prior to consideration of SSLs and Residential RSLs.
3. ASTM D1498 is modified for applicability to a soil matrix (leaching as per SW-846 9045).
4. Empirical will extract 10g of soil for perchlorate rather than the typical 1g. This is intended to provide a more-representative extraction.
5. The laboratories are DoD ELAP accredited for analysis methods they are to perform which will generate definitive data. Refer to Appendix A:
   - Empirical's DoD ELAP accreditation through L-A-B is granted through November 30, 2015.
   - TestAmerica-Savannah's DoD ELAP accreditation through A2LA is valid to February 28, 2013.
   - ARS's DoD ELAP accreditation through ACLASS is valid to October 12, 2014.
   - Davis & Floyd's DoD ELAP accreditation through L-A-B is granted through February 16, 2013.
   - ALS-Fort Collins DoD ELAP accreditation through L-A-B is granted through June 1, 2013.
   - APPL DoD ELAP accreditation through ACLASS is granted through October 23, 2013.

SAP Worksheet #24 — Analytical Instrument Calibration Table

(UFP-QAPP Manual Section 3.2.2)

Instrument	Calibration Procedure	Frequency of Calibration	Acceptance Criteria	Corrective Action	Person Responsible for Corrective Action	SOP Reference
ORP Probe	Electrode zero	Daily	±0.5mV	Correct the problem and repeat the electrode zero.	Analyst	ASTM D1498
	Check to Standard Redox Solution	Daily	Within ±30mV of expected value. A second reading (from fresh solution) within ±10mv of first reading	Correct the problem and repeat the check.		
Alpha Spectrometer	Energy Calibration	Prior to first use, following major maintenance, and as indicated by the results of routine instrument performance checks.	Performed using at least three isotopes within the energy range of 3.5 to 7 MeV. Slope (energy v. channel) shall be less than 15keV/channel. The final peak energy positions of all observed isotopes shall be within ±40 keV of the expected peak energy.	N/A	Analyst	ARS-014
	Efficiency Calibration	Prior to first use, following major maintenance, and as indicated by the results of routine instrument performance checks.	The efficiency counts for the Region of Interest (ROI) shall be background corrected using the same ROI for the background unless the background is less than 0.5% of the total counts in the ROI. The efficiency shall be determined on at least 3000 net counts in the ROI after background correction. Efficiency and efficiency error shall be documented.	N/A	Analyst	
	Performance check for Energy Calibration, Full-Width Half-Maximum (FWHM), and Counting Efficiency	Daily (when in use). When a batch spans longer than a day, the check is performed before the batch.	Detector response (efficiency) shall be determined on at least 2000 counts. Performance check results for FWHM, peak centroid, and counting efficiency are trended on the appropriate control or trend chart for each detector.	Exceptions are kept on file at the laboratory.	Analyst	
	Background	Monthly (calendar-month) or more frequent	Background determinations are performed for each ROI. Background count times are equal to or longer than sample count times. The background for each ROI shall be sufficiently-low to ensure that contractually-required detection limits are met. Backgrounds are checked weekly or after being subjected to samples with activities greater than 100 counts per minute. The background check should be of sufficient duration to detect contamination that might impact routine sample results.	Repeat the background determination.	Analyst	

Notes:

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SAP Worksheet #28-1 — Laboratory QC Samples Table

(UFP-QAPP Manual Section 3.4)

Matrix:	SB
Analytical Group:	WCHEM (ORP)
Analytical Method / SOP Reference:	ASTM D1498

QC Sample	Frequency & Number	Method/SOP QC Acceptance Limits	Corrective Action	Person(s) Responsible for Corrective Action	DQI	Measurement Performance Criteria
Field QA/QC Samples						
Temperature Blank	One per cooler	≤ 6°C but not frozen	Notify project chemist. Assess sample packaging and shipment procedures. Consider recollection if the exceedance may cause data rejection. Qualify as per Worksheet #36.	Laboratory PM, PC, PM/FTL, Data Validator	Representativeness	≤ 6°C but not frozen
ORP via ASTM D1498						
Laboratory Replicate (LR)	One per batch of 20 or fewer samples	≤ 30% RPD	Repeat until QC acceptance limits are met. Narrate as "difficult sample matrix" if the system is slow to stabilize and thus will not yield a meaningful result.	Analyst	Precision	≤ 30% RPD

Notes:

SAP Worksheet #28-2 — Laboratory QC Samples Table

(UFP-QAPP Manual Section 3.4)

Matrix: SB

Analytical Group: RAD

Analytical Method / SOP Reference: EML U-02 Mod / ARS-036, ARS-026

QC Sample	Frequency & Number	Method/SOP QC Acceptance Limits	Corrective Action	Person(s) Responsible for Corrective Action	DQI	Measurement Performance Criteria
Field QA/QC Samples						
Field Duplicate	One per 10 normal field samples per matrix	%RPD < 30%	Assess laboratory homogenization procedures and precision. Examine laboratory replicate. Assess field homogenization procedures. Qualify as per Worksheet #36.	PM/FTL, Data Validator	Precision	%RPD < 30%
Equipment Blank	One per day per equipment type (when decontaminated). One per event per equipment type (when disposable).	Same as method blank (see below)	Assess decontamination procedures. Consider recollection if the exceedance may cause data rejection. Qualify as per Worksheet #36.	Laboratory PM, PM/FTL, Data Validator	Contamination	Same as method blank (see below)
Temperature Blank	One per cooler	≤ 6°C but not frozen	Notify project chemist. Assess sample packaging and shipment procedures. Consider recollection if the exceedance may cause data rejection. Qualify as per Worksheet #36.	Laboratory PM, PC, PM/FTL, Data Validator	Representativeness	≤ 6°C but not frozen
Radiological Uranium via EML U-02 Mod						
Method Blank	One per preparatory batch.	The method blank Minimum Detectable Activity (MDA) shall be less than the Required Detection Limit (RDL). The method blank result is acceptable if less than the associated MDA. The method blank results shall be less than 2X the blank combined standard uncertainty (CSU).	Sample results are affected if the sample activity is less than 5X the blank activity for a positive method blank. If the method blank acceptance criteria are not met, a reprep/recount form is initiated and corrective actions identified, up to and including reanalysis of all affected samples in the QC batch.	Analyst	Contamination	Same as Method/SOP QC Acceptance Limits
Laboratory Control Sample (LCS)	One per preparatory batch, spiked at greater than 5X but less than 20X the RDL. Only one isotope need be spiked because all isotopes are reported in a single measurement.	75-125%R	A recount/reprep form is initiated and corrective actions are identified. In some cases, for example potential high bias associated with nondetect results, LCS exceedance may not be relevant. In these instances, the results are reported and the exceedance will be narrated.	Analyst	Accuracy	75-125%R
Laboratory Control Sample Duplicate (LCSD)	With each LCS	Same as LCS and RPD < 25%.	Same as for LCS. Note that if both LCS and LCSD are outside specifications, all associated samples are re-prepared. If re-preparation is not possible (due to insufficient volume), results must be reported with qualification.	Analyst	Accuracy/Precision	Same as Method/SOP QC Acceptance Limits
Laboratory Replicate	One per preparatory batch.	RPD < 25%.	For RPD exceedances, a recount/reprep form is initiated and all associated samples are re-prepared and reanalyzed. The exceedances and corrective action are noted in the case narrative.	Analyst	Precision	Same as Method/SOP QC Acceptance Limits
Tracer	Each sample and QC sample, after sub-sampling but before any chemical treatment.	30-110%R	Affected samples are re-prepared and reanalyzed. Corrective action is not necessary if 400 tracer counts are observed, peak resolution criteria are met, and there is no evidence of interfering spectral activity. Exceedances and corrective action are noted in the case narrative.	Analyst	Accuracy	30-110%R
Carrier	Each sample and QC sample, if deemed necessary to increase the total amount of an element so that a measurable mass is present. Added after sub-sampling but before any chemical treatment.	40-110%R	Re-dry and re-weigh the sample to determine if moisture is contributing to the yield. If necessary, a reprep/recount form is initiated and corrective actions identified. Exceedances and corrective action are noted in the case narrative.	Analyst	Accuracy	40-110%R

Notes:

SAP Worksheet #28-3 — Laboratory QC Samples Table

(UFP-QAPP Manual Section 3.4)

Matrix: GW

Analytical Group: RAD, FRAD

Analytical Method / SOP Reference: EML U-02 Mod / ARS-036, ARS-026

QC Sample	Frequency & Number	Method/SOP QC Acceptance Limits	Corrective Action	Person(s) Responsible for Corrective Action	DQI	Measurement Performance Criteria
Field QA/QC Samples						
Field Duplicate	One per 10 normal field samples per matrix	%RPD < 20%	Assess laboratory homogenization procedures and precision. Examine laboratory replicate. Assess field homogenization procedures. Qualify as per Worksheet #36.	PM/FTL, Data Validator	Precision	%RPD < 20%
Equipment Blank	One per day per equipment type (when decontaminated). One per event per equipment type (when disposable).	Same as method blank (see below)	Assess decontamination procedures. Consider recollection if the exceedance may cause data rejection. Qualify as per Worksheet #36.	Laboratory PM, PM/FTL, Data Validator	Contamination	Same as method blank (see below)
Temperature Blank	One per cooler	≤ 6°C but not frozen	Notify project chemist. Assess sample packaging and shipment procedures. Consider recollection if the exceedance may cause data rejection. Qualify as per Worksheet #36.	Laboratory PM, PC, PM/FTL, Data Validator	Representativeness	≤ 6°C but not frozen
Radiological Uranium via EML U-02 Mod						
Method Blank	One per preparatory batch.	The method blank Minimum Detectable Activity (MDA) shall be less than the Required Detection Limit (RDL). The method blank result is acceptable if less than the associated MDA. The method blank results shall be less than 2X the blank combined standard uncertainty (CSU).	Sample results are affected if the sample activity is less than 5X the blank activity for a positive method blank. If the method blank acceptance criteria are not met, a reprep/recount form is initiated and corrective actions identified, up to and including reanalysis of all affected samples in the QC batch.	Analyst	Contamination	Same as Method/SOP QC Acceptance Limits
Laboratory Control Sample (LCS)	One per preparatory batch, spiked at greater than 5X but less than 20X the RDL. Only one isotope need be spiked because all isotopes are reported in a single measurement.	75-125%R	A recount/reprep form is initiated and corrective actions are identified. In some cases, for example potential high bias associated with nondetect results, LCS exceedance may not be relevant. In these instances, the results are reported and the exceedance will be narrated.	Analyst	Accuracy	75-125%R
Laboratory Control Sample Duplicate (LCSD)	With each LCS	Same as LCS and RPD < 25%.	Same as for LCS. Note that if both LCS and LCSD are outside specifications, all associated samples are re-prepared. If re-preparation is not possible (due to insufficient volume), results must be reported with qualification.	Analyst	Accuracy/Precision	Same as Method/SOP QC Acceptance Limits
Laboratory Replicate	One per preparatory batch.	RPD < 25%.	For RPD exceedances, a recount/reprep form is initiated and all associated samples are re-prepared and reanalyzed. The exceedances and corrective action are noted in the case narrative.	Analyst	Accuracy / Precision	Same as Method/SOP QC Acceptance Limits
Tracer	Each sample and QC sample, after sub-sampling but before any chemical treatment.	30-110%R	Affected samples are re-prepared and reanalyzed. Corrective action is not necessary if 400 tracer counts are observed, peak resolution criteria are met, and there is no evidence of interfering spectral activity. Exceedances and corrective action are noted in the case narrative.	Analyst	Accuracy	30-110%R
Carrier	Each sample and QC sample, if deemed necessary to increase the total amount of an element so that a measurable mass is present. Added after sub-sampling but before any chemical treatment.	40-110%R	Re-dry and re-weigh the sample to determine if moisture is contributing to the yield. If necessary, a reprep/recount form is initiated and corrective actions identified. Exceedances and corrective action are noted in the case narrative.	Analyst	Accuracy	40-110%R

Notes:

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SAP Worksheet #30 — Analytical Services Table

(UFP-QAPP Manual Section 3.5.2.3)

Matrix	Analytical Group	Sample Locations / ID Numbers	Analytical SOP	Data Package Turnaround Time	Laboratory / Organization[1]	Backup Laboratory / Organization
SB	EXPLO	23	SW-846 8330B / SOP327	Standard 28 Calendar-day TAT	Empirical Laboratories, LLC 621 Mainstream Drive Suite 270 Nashville, TN 37228 (615) 345-1115 POC: Sonya Gordon	TBD
			SW-846 6850 / SOP239			
	METAL		SW-846 6010C / SOP100, SOP105			
			SW-846 3060A, 7196A / SOP197, SOP166			
	WCHEM		SW-846 9045D / SOP187			
			Lloyd Kahn / SOP221			
			ASTM D1498			
	METAL (U-only)	1	SW-846 6010C / 32304, 32302		Davis & Floyd 1319 Highway 72/221 East Greenwood, SC 29649 (864) 229-4413 POC: John McCord	
	RAD		EML U-02 Mod / ARS-036, ARS-026		ARS International 2609 North River Road Port Allen, Louisiana 70767 (225) 381-2991 POC: Sasha Green	

SAP Worksheet #30 — Analytical Services Table (continued)

(UFP-QAPP Manual Section 3.5.2.3)

Matrix	Analytical Group	Sample Locations / ID Numbers	Analytical SOP	Data Package Turnaround Time	Laboratory / Organization[1]	Backup Laboratory / Organization
GW	EXPLO	23	SW-846 8330B / MWE3535, HPL8330	Standard 28 Calendar-day TAT	APPL, Inc. 908 North Temperance Avenue Clovis, CA (559) 275-2175 POC: Cynthia Clark	TBD
			SW-846 8321 / HPL8321			
			SW-846 6850 / SOP239		Empirical Laboratories, LLC	
	METAL		SW-846 6010C / SOP100, SOP105		Empirical Laboratories, LLC	
			SW-846 6020A / SA-ME-050, SA-ME-074		TestAmerica-Savannah 5102 LaRoche Avenue Savannah, GA 31404 (912) 354-7858 POC: Lidya Gulizia	
			SW-846 7196A / SOP166		Empirical Laboratories, LLC	
	FMETAL		SW-846 6010C / SOP100, SOP105			
			SW-846 6020A / SA-ME-050, SA-ME-074		TestAmerica-Savannah	
			SW-846 7196A / SOP166		Empirical Laboratories, LLC	
	METAL (U-only)	1	SW-846 6020A (U-only) / SOP806, SOP827		ALS-Ft. Collins 225 Commerce Drive Fort Collins, CO 80524 (970) 490-1511 POC: Roy French	
	FMETAL (U-only)		SW-846 6020A (U-only) / SOP806, SOP827			
	RAD		EML U-02 Mod / ARS-036, ARS-026		ARS International	
	FRAD		EML U-02 Mod / ARS-036, ARS-026			

Notes:
1. Refer to Worksheet #19 Footnote #4 for a practical description of where samples are shipped and which laboratories perform which analyses.

Appendix A
Laboratory DoD ELAP Accreditation Letters

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LABORATORY ACCREDITATION BUREAU

Certificate of Accreditation

ISO/IEC 17025:2005 Certificate Number L2226

Empirical Laboratories, LLC

621 Mainstream Drive, Suite 270
Nashville TN 37228

has met the requirements set forth in L-A-B's policies and procedures, all requirements of ISO/IEC 17025:2005 "General Requirements for the competence of Testing and Calibration Laboratories" and the U.S. Department of Defense Environmental Laboratory Accreditation Program (DoD ELAP).*

The accredited lab has demonstrated technical competence to a defined "Scope of Accreditation" and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Accreditation valid through: November 30, 2015

R. Douglas Leonard, Jr., President, COO
Laboratory Accreditation Bureau
Presented the 30th of January 2013

*See the laboratory's Scope of Accreditation for details of accredited parameters
**Laboratory Accreditation Bureau is found to be in compliance with ISO/IEC 17011:2004 and recognized by ILAC (International Laboratory Accreditation Cooperation) and NACLA (National Cooperation for Laboratory Accreditation).

Scope of Accreditation
For
Empirical Laboratories, LLC

621 Mainstream Drive, Suite 270
Nashville, TN 37228
Marcia K. McGinnity
877-345-1113

In recognition of a successful assessment to ISO/IEC 17025:2005 and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in the DoD Quality Systems Manual for Environmental Laboratories (DoD QSM v4.2) based on the National Environmental Laboratory Accreditation Conference Chapter 5 Quality Systems Standard (NELAC Voted Revision June 5, 2003), accreditation is granted to Empirical Laboratories, LLC to perform the following tests:

Accreditation granted through: November 30, 2015

Testing - Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B; EPA 624	1,1,1,2-Tetrachloroethane
GC/MS	EPA 8260B; EPA 624	1,1,1-Trichloroethane (1,1,1-TCA)
GC/MS	EPA 8260B; EPA 624	1,1,2,2-Tetrachloroethane
GC/MS	EPA 8260B; EPA 624	1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113; Freon 113)
GC/MS	EPA 8260B; EPA 624	1,1,2-Trichloroethane
GC/MS	EPA 8260B; EPA 624	1,1-Dichloroethane (1,1-DCA)
GC/MS	EPA 8260B; EPA 624	1,1-Dichloroethene (1,1-DCE)
GC/MS	EPA 8260B; EPA 624	1,1-Dichloropropene
GC/MS	EPA 8260B; EPA 624	1,2,3-Trichlorobenzene
GC/MS	EPA 8260B; EPA 624	1,2,3-Trichloropropane
GC/MS	EPA 8260B; EPA 624	1,2,4-Trichlorobenzene
GC/MS	EPA 8260B; EPA 624	1,2,4-Trimethylbenzene
GC/MS	EPA 8260B; EPA 624	1,2-Dibromo-3-chloropropane (DBCP)
GC/MS	EPA 8260B; EPA 624	1,2-Dibromoethane (EDB)
GC/MS	EPA 8260B; EPA 624	1,2-Dichlorobenzene
GC/MS	EPA 8260B; EPA 624	1,2-Dichloroethane (EDC)
GC/MS	EPA 8260B; EPA 624	1,2-Dichloropropane
GC/MS	EPA 8260B; EPA 624	1,3,5-Trimethylbenzene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B; EPA 624	1,3-Dichlorobenzene
GC/MS	EPA 8260B; EPA 624	1,3-Dichloropropane
GC/MS	EPA 8260B; EPA 624	1,4-Dichlorobenzene
GC/MS	EPA 8260B; EPA 624	1,4-Dioxane
GC/MS	EPA 8260B; EPA 624	1-Chlorohexane
GC/MS	EPA 8260B; EPA 624	2,2-Dichloropropane
GC/MS	EPA 8260B; EPA 624	2-Butanone (Methyl ethyl ketone; MEK)
GC/MS	EPA 8260B; EPA 624	2-Chloroethyl vinyl ether
GC/MS	EPA 8260B; EPA 624	2-Chlorotoluene
GC/MS	EPA 8260B; EPA 624	2-Hexanone (Methyl butyl ketone; MBK)
GC/MS	EPA 8260B; EPA 624	4-Chlorotoluene
GC/MS	EPA 8260B; EPA 624	4-Methyl-2-pentanone (Methyl isobutyl ketone; MIBK)
GC/MS	EPA 8260B; EPA 624	Acetone
GC/MS	EPA 8260B; EPA 624	Acetonitrile
GC/MS	EPA 8260B; EPA 624	Acrolein
GC/MS	EPA 8260B; EPA 624	Acrylonitrile
GC/MS	EPA 8260B; EPA 624	Allyl chloride
GC/MS	EPA 8260B; EPA 624	Benzene
GC/MS	EPA 8260B; EPA 624	Bromobenzene
GC/MS	EPA 8260B; EPA 624	Bromochloromethane
GC/MS	EPA 8260B; EPA 624	Bromodichloromethane
GC/MS	EPA 8260B; EPA 624	Bromoform
GC/MS	EPA 8260B; EPA 624	Bromomethane
GC/MS	EPA 8260B; EPA 624	Carbon Disulfide
GC/MS	EPA 8260B; EPA 624	Carbon Tetrachloride
GC/MS	EPA 8260B; EPA 624	Chlorobenzene
GC/MS	EPA 8260B; EPA 624	Chloroethane
GC/MS	EPA 8260B; EPA 624	Chloroform
GC/MS	EPA 8260B; EPA 624	Chloromethane
GC/MS	EPA 8260B; EPA 624	Chloroprene
GC/MS	EPA 8260B; EPA 624	cis-1,2-Dichloroethene (cis-1,2-DCE)
GC/MS	EPA 8260B; EPA 624	cis-1,3-Dichloropropene
GC/MS	EPA 8260B; EPA 624	cis-1,4-Dichloro-2-butene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B; EPA 624	Cyclohexane
GC/MS	EPA 8260B; EPA 624	Dibromochloromethane
GC/MS	EPA 8260B; EPA 624	Dibromomethane
GC/MS	EPA 8260B; EPA 624	Dichlorodifluoromethane (CFC-12)
GC/MS	EPA 8260B; EPA 624	Di-isopropyl ether
GC/MS	EPA 8260B; EPA 624	ETBE
GC/MS	EPA 8260B; EPA 624	Ethyl methacrylate
GC/MS	EPA 8260B; EPA 624	Ethylbenzene
GC/MS	EPA 8260B; EPA 624	Hexachlorobutadiene
GC/MS	EPA 8260B; EPA 624	Hexane
GC/MS	EPA 8260B; EPA 624	Iodomethane
GC/MS	EPA 8260B; EPA 624	Isobutyl alcohol
GC/MS	EPA 8260B; EPA 624	Isopropylbenzene (Cumene)
GC/MS	EPA 8260B; EPA 624	Methacrylonitrile
GC/MS	EPA 8260B; EPA 624	Methyl Acetate
GC/MS	EPA 8260B; EPA 624	Methyl methacrylate
GC/MS	EPA 8260B; EPA 624	Methyl Tertiary Butyl Ether (MTBE)
GC/MS	EPA 8260B; EPA 624	Methylcyclohexane
GC/MS	EPA 8260B; EPA 624	Methylene Chloride, or Dichloromethane
GC/MS	EPA 8260B; EPA 624	Naphthalene
GC/MS	EPA 8260B; EPA 624	n-Butylbenzene
GC/MS	EPA 8260B; EPA 624	n-Propylbenzene
GC/MS	EPA 8260B; EPA 624	p-Isopropyltoluene
GC/MS	EPA 8260B; EPA 624	Propionitrile
GC/MS	EPA 8260B; EPA 624	sec-Butylbenzene
GC/MS	EPA 8260B; EPA 624	Styrene
GC/MS	EPA 8260B; EPA 624	t-Butyl alcohol
GC/MS	EPA 8260B; EPA 624	tert-Amyl methyl ether
GC/MS	EPA 8260B; EPA 624	tert-Butylbenzene
GC/MS	EPA 8260B; EPA 624	Tetrachloroethene (PCE; PERC)
GC/MS	EPA 8260B; EPA 624	Tetrahydrofuran
GC/MS	EPA 8260B; EPA 624	Toluene
GC/MS	EPA 8260B; EPA 624	trans-1,2-Dichloroethene (trans-1,2-DCE)

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B; EPA 624	trans-1,3-Dichloropropene
GC/MS	EPA 8260B; EPA 624	trans-1,4-Dichloro-2-butene
GC/MS	EPA 8260B; EPA 624	Trichloroethene (TCE)
GC/MS	EPA 8260B; EPA 624	Trichlorofluoromethane (CFC-11)
GC/MS	EPA 8260B; EPA 624	Vinyl acetate
GC/MS	EPA 8260B; EPA 624	Vinyl Chloride (VC)
GC/MS	EPA 8260B; EPA 624	m,p-Xylenes
GC/MS	EPA 8260B; EPA 624	o-Xylene
GC/MS	EPA 8260B; EPA 624	Xylenes (Total)
GC/MS	EPA 8270C/D; EPA 625	1,1'-Biphenyl
GC/MS	EPA 8270C/D; EPA 625	1,2,4,5-Tetrachlorobenzene
GC/MS	EPA 8270C/D; EPA 625	1,2,4-Trichlorobenzene
GC/MS	EPA 8270C/D; EPA 625	1,2-Dichlorobenzene
GC/MS	EPA 8270C/D; EPA 625	1,2-Diphenylhydrazine
GC/MS	EPA 8270C/D; EPA 625	1,3-Dichlorobenzene
GC/MS	EPA 8270C/D; EPA 625	1,4-Dichlorobenzene
GC/MS	EPA 8270C/D; EPA 625	1,4-Dioxane
GC/MS	EPA 8270C/D; EPA 625	1-Methylnaphthalene
GC/MS	EPA 8270C/D; EPA 625	2,3,4,6-Tetrachlorophenol
GC/MS	EPA 8270C/D; EPA 625	2,4,5-Trichlorophenol
GC/MS	EPA 8270C/D; EPA 625	2,4,6-Trichlorophenol (TCP)
GC/MS	EPA 8270C/D; EPA 625	2,4-Dichlorophenol (DCP)
GC/MS	EPA 8270C/D; EPA 625	2,4-Dimethylphenol
GC/MS	EPA 8270C/D; EPA 625	2,4-Dinitrophenol
GC/MS	EPA 8270C/D; EPA 625	2,4-Dinitrotoluene (DNT)
GC/MS	EPA 8270C/D; EPA 625	2,6-Dichlorophenol
GC/MS	EPA 8270C/D; EPA 625	2,6-Dinitrotoluene
GC/MS	EPA 8270C/D; EPA 625	2-Chloronaphthalene
GC/MS	EPA 8270C/D; EPA 625	2-Chlorophenol
GC/MS	EPA 8270C/D; EPA 625	2-Methylnaphthalene
GC/MS	EPA 8270C/D; EPA 625	2-Methylphenol (o-Cresol)
GC/MS	EPA 8270C/D; EPA 625	2-Nitroaniline
GC/MS	EPA 8270C/D; EPA 625	2-Nitrophenol (ONP)

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/D; EPA 625	3,3'-Dichlorobenzidine (DCB)
GC/MS	EPA 8270C/D; EPA 625	3-Methylphenol/4-Methylphenol
GC/MS	EPA 8270C/D; EPA 625	3-Nitroaniline
GC/MS	EPA 8270C/D; EPA 625	4,6-Dinitro-2-methylphenol (DNOC)
GC/MS	EPA 8270C/D; EPA 625	4-Bromophenyl phenyl ether
GC/MS	EPA 8270C/D; EPA 625	4-Chloro-3-methylphenol
GC/MS	EPA 8270C/D; EPA 625	4-Chloroaniline
GC/MS	EPA 8270C/D; EPA 625	4-Chlorophenyl phenyl ether
GC/MS	EPA 8270C/D; EPA 625	4-Methylphenol (p-Cresol)
GC/MS	EPA 8270C/D; EPA 625	4-Nitroaniline (PNA)
GC/MS	EPA 8270C/D; EPA 625	4-Nitrophenol (PNP)
GC/MS	EPA 8270C/D; EPA 625	Acenaphthene
GC/MS	EPA 8270C/D; EPA 625	Acenaphthylene
GC/MS	EPA 8270C/D; EPA 625	Acetophenone
GC/MS	EPA 8270C/D; EPA 625	Aniline
GC/MS	EPA 8270C/D; EPA 625	Anthracene
GC/MS	EPA 8270C/D; EPA 625	Atrazine
GC/MS	EPA 8270C/D; EPA 625	Benzaldehyde
GC/MS	EPA 8270C/D; EPA 625	Benzidine
GC/MS	EPA 8270C/D; EPA 625	Benzo(a)anthracene
GC/MS	EPA 8270C/D; EPA 625	Benzo(a)pyrene
GC/MS	EPA 8270C/D; EPA 625	Benzo(b)fluoranthene
GC/MS	EPA 8270C/D; EPA 625	Benzo(g,h,i)perylene
GC/MS	EPA 8270C/D; EPA 625	Benzo(k)fluoranthene
GC/MS	EPA 8270C/D; EPA 625	Benzoic Acid
GC/MS	EPA 8270C/D; EPA 625	Benzyl alcohol
GC/MS	EPA 8270C/D; EPA 625	bis(2-Chloroethoxy)methane
GC/MS	EPA 8270C/D; EPA 625	bis(2-Chloroethyl)ether (BCEE)
GC/MS	EPA 8270C/D; EPA 625	bis(2-chloroisopropyl)ether, or 2,2'-oxybis (1-Chloropropane)
GC/MS	EPA 8270C/D; EPA 625	bis(2-Ethylhexyl)phthalate (BEHP)
GC/MS	EPA 8270C/D; EPA 625	Butyl benzyl phthalate (BBP)
GC/MS	EPA 8270C/D; EPA 625	Caprolactam
GC/MS	EPA 8270C/D; EPA 625	Carbazole

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/D; EPA 625	Chrysene
GC/MS	EPA 8270C/D; EPA 625	Dibenz(a,h)anthracene
GC/MS	EPA 8270C/D; EPA 625	Dibenzofuran (DBF)
GC/MS	EPA 8270C/D; EPA 625	Diethyl phthalate (DEP)
GC/MS	EPA 8270C/D; EPA 625	Dimethyl phthalate (DMP)
GC/MS	EPA 8270C/D; EPA 625	Di-n-butyl phthalate (DBP)
GC/MS	EPA 8270C/D; EPA 625	Di-n-octyl phthalate (DNOP)
GC/MS	EPA 8270C/D; EPA 625	Fluoranthene
GC/MS	EPA 8270C/D; EPA 625	Fluorene
GC/MS	EPA 8270C/D; EPA 625	Hexachlorobenzene (HCB)
GC/MS	EPA 8270C/D; EPA 625	Hexachlorobutadiene (HCBD)
GC/MS	EPA 8270C/D; EPA 625	Hexachlorocyclopentadiene (HCCPD)
GC/MS	EPA 8270C/D; EPA 625	Hexachloroethane (HCE)
GC/MS	EPA 8270C/D; EPA 625	Indeno(1,2,3-cd)pyrene
GC/MS	EPA 8270C/D; EPA 625	Isophorone
GC/MS	EPA 8270C/D; EPA 625	Naphthalene
GC/MS	EPA 8270C/D; EPA 625	Nitrobenzene
GC/MS	EPA 8270C/D; EPA 625	N-Nitrosodimethylamine
GC/MS	EPA 8270C/D; EPA 625	N-Nitroso-di-n-propylamine (NDPA)
GC/MS	EPA 8270C/D; EPA 625	N-nitrosodiphenylamine (NDPHA)
GC/MS	EPA 8270C/D; EPA 625	Pentachlorophenol
GC/MS	EPA 8270C/D; EPA 625	Phenanthrene
GC/MS	EPA 8270C/D; EPA 625	Phenol
GC/MS	EPA 8270C/D; EPA 625	Pyrene
GC/MS	EPA 8270C/D; EPA 625	Pyridine
GC/ECD	EPA 8081A/B	4,4'-DDD
GC/ECD	EPA 8081A/B	4,4'-DDE
GC/ECD	EPA 8081A/B	4,4'-DDT
GC/ECD	EPA 8081A/B	Aldrin
GC/ECD	EPA 8081A/B	alpha-BHC (alpha-HCH)
GC/ECD	EPA 8081A/B	alpha-Chlordane
GC/ECD	EPA 8081A/B	beta-BHC (beta-HCH)
GC/ECD	EPA 8081A/B	delta-BHC (delta-HCH)

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/ECD	EPA 8081A/B	Dieldrin
GC/ECD	EPA 8081A/B	Endosulfan I
GC/ECD	EPA 8081A/B	Endosulfan II
GC/ECD	EPA 8081A/B	Endosulfan sulfate
GC/ECD	EPA 8081A/B	Endrin
GC/ECD	EPA 8081A/B	Endrin aldehyde
GC/ECD	EPA 8081A/B	Endrin ketone
GC/ECD	EPA 8081A/B	gamma-BHC (Lindane; gamma-HCH)
GC/ECD	EPA 8081A/B	gamma-Chlordane
GC/ECD	EPA 8081A/B	Heptachlor
GC/ECD	EPA 8081A/B	Heptachlor epoxide
GC/ECD	EPA 8081A/B	Methoxychlor
GC/ECD	EPA 8081A/B	Chlordane (n.o.s.)
GC/ECD	EPA 8081A/B	Toxaphene
GC/ECD	EPA 8082A	Aroclor-1016
GC/ECD	EPA 8082A	Aroclor-1221
GC/ECD	EPA 8082A	Aroclor-1232
GC/ECD	EPA 8082A	Aroclor-1242
GC/ECD	EPA 8082A	Aroclor-1248
GC/ECD	EPA 8082A	Aroclor-1254
GC/ECD	EPA 8082A	Aroclor-1260
GC/ECD	EPA 8082A	Aroclor-1262
GC/ECD	EPA 8082A	Aroclor-1268
GC/ECD	EPA 8151A	2,4,5-T
GC/ECD	EPA 8151A	2,4,5-TP (Silvex)
GC/ECD	EPA 8151A	2,4-D
GC/ECD	EPA 8151A	2,4-DB
GC/ECD	EPA 8151A	Dalapon
GC/ECD	EPA 8151A	Dicamba
GC/ECD	EPA 8151A	Dichlorprop
GC/ECD	EPA 8151A	Dinoseb
GC/ECD	EPA 8151A	MCPA
GC/ECD	EPA 8151A	MCPP (Mecoprop)

Non-Potable Water		
Technology	**Method**	**Analyte**
HPLC/UV	EPA 8330A/B	1,3,5-Trinitrobenzene
HPLC/UV	EPA 8330A/B	1,3-Dinitrobenzene
HPLC/UV	EPA 8330A/B	2,4,6-Trinitrophenylmethylnitramine (Tetryl)
HPLC/UV	EPA 8330A/B	2,4,6-Trinitrotoluene (TNT)
HPLC/UV	EPA 8330A/B	2,4-Dinitrotoluene (DNT)
HPLC/UV	EPA 8330A/B	2,6-Dinitrotoluene
HPLC/UV	EPA 8330A/B	2-Amino-4,6-dinitrotoluene
HPLC/UV	EPA 8330A/B	2-Nitrotoluene (ONT)
HPLC/UV	EPA 8330A/B	3,5-Dinitroaniline
HPLC/UV	EPA 8330A/B	3-Nitrotoluene
HPLC/UV	EPA 8330A/B	4-Amino-2,6-dinitrotoluene
HPLC/UV	EPA 8330A/B	4-Nitrotoluene (PNT)
HPLC/UV	EPA 8330A/B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)
HPLC/UV	EPA 8330A/B	Nitrobenzene
HPLC/UV	EPA 8330A/B	Nitroglycerin
HPLC/UV	EPA 8330A/B	Nitroguanidine
HPLC/UV	EPA 8330A/B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)
HPLC/UV	EPA 8330A/B	3,5-Dinitroaniline
HPLC/UV	EPA 8330A/B	PETN
GC/FID	FLPRO	Petroleum Range Organics
GC/FID	EPA 8015B/C	TPH DRO
GC/FID	EPA 8015B/C	TPH ORO
GC/FID	EPA 8015B/C	TPH GRO
GC/FID	RSK-175	Methane
GC/FID	RSK-175	Ethane
GC/FID	RSK-175	Ethene
GC/ECD	EPA 8011	1,2-Dibromoethane (EDB)
GC/ECD	EPA 8011	1,2-Dibromo-3-chloropropane (DBCP)
HPLC/MS	EPA 6850	Perchlorate
ICP	EPA 6010B/C; EPA 200.7	Aluminum
ICP	EPA 6010B/C; EPA 200.7	Antimony
ICP	EPA 6010B/C; EPA 200.7	Arsenic
ICP	EPA 6010B/C; EPA 200.7	Barium

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP	EPA 6010B/C; EPA 200.7	Beryllium
ICP	EPA 6010B/C; EPA 200.7	Boron
ICP	EPA 6010B/C; EPA 200.7	Cadmium
ICP	EPA 6010B/C; EPA 200.7	Calcium
ICP	EPA 6010B/C; EPA 200.7	Chromium, total
ICP	EPA 6010B/C; EPA 200.7	Cobalt
ICP	EPA 6010B/C; EPA 200.7	Copper
ICP	EPA 6010B/C; EPA 200.7	Iron
ICP	EPA 6010B/C; EPA 200.7	Lead
ICP	EPA 6010B/C; EPA 200.7	Magnesium
ICP	EPA 6010B/C; EPA 200.7	Manganese
CVAA	EPA 7470A; EPA 245.1	Mercury
ICP	EPA 6010B/C; EPA 200.7	Molybdenum
ICP	EPA 6010B/C; EPA 200.7	Nickel
ICP	EPA 6010B/C; EPA 200.7	Potassium
ICP	EPA 6010B/C; EPA 200.7	Selenium
ICP	EPA 6010B/C; EPA 200.7	Silver
ICP	EPA 6010B/C; EPA 200.7	Sodium
ICP	EPA 6010B/C; EPA 200.7	Strontium
ICP	EPA 6010B/C; EPA 200.7	Thallium
ICP	EPA 6010B/C; EPA 200.7	Tin
ICP	EPA 6010B/C; EPA 200.7	Titanium
ICP	EPA 6010B/C; EPA 200.7	Vanadium
ICP	EPA 6010B/C; EPA 200.7	Zinc
IC	EPA 300.0	Bromide
IC	EPA 300.0	Chloride
IC	EPA 300.0	Fluoride
IC	EPA 300.0	Nitrate
IC	EPA 300.0	Nitrite
IC	EPA 300.0	Sulfate
IC	EPA 9056A	Bromide
IC	EPA 9056A	Chloride
IC	EPA 9056A	Fluoride

Non-Potable Water		
Technology	**Method**	**Analyte**
IC	EPA 9056A	Nitrate
IC	EPA 9056A	Nitrite
IC	EPA 9056A	Sulfate
Colorimetric	SM 4500-NO2 B-2011	Nitrite as N
Titration	SM 2320 B-2011	Alkalinity
Colorimetric	SM 4500-NH3 G-2011	Ammonia
Probe	SM 5210 B-2011	BOD
Probe	SM 5210 B-2011	CBOD
Colorimetric	EPA 410.4	COD
UV/Vis	EPA 7196A SM 3500-Cr B-2011	Hexavalent Chromium
Colorimetric	EPA 353.2 MOD	Nitrocellulose
Colorimetric	EPA 353.2	Nitrate/Nitrite
Gravimetric	EPA 1664A	Oil and Grease
Titration	Chap.7, Sect. 7.3.4 Mod.	Reactive Sulfide
Titration	SM 4500-S2 F-2011	Sulfide
UV/Vis	SM 4500-P B5-2011	Total Phosphorus (as P)
UV/Vis	SM 4500-P E-2011	Ortho-Phosphate (as P)
TOC	EPA 9060A; SM 5310 C-2011	Total Organic Carbon
Gravimetric	SM 2540 C-2011	TDS
Gravimetric	SM 2540 D-2011	TSS
Colorimetric	EPA 9012A/B SM 4500-CN G-2011	Cyanide
Physical	EPA 1010A	Ignitability / Flashpoint
Physical	EPA 9095B	Paint Filter
Probe	EPA 9040B/C SM 4500-H+ B-2011	pH(Corrosivity)
Preparation	**Method**	**Type**
Preparation	EPA 1311	TCLP
Preparation	EPA 3005A	Metals digestion
Preparation	EPA 3010A	Metals digestion
Preparation	EPA 3510C	Organics Liquid Extraction
Preparation	EPA 5030A/B	Purge and Trap Water

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B	1,1,1-Trichloroethane (1,1,1-TCA)
GC/MS	EPA 8260B	1,1,1,2-Tetrachloroethane
GC/MS	EPA 8260B	1,1,2,2-Tetrachloroethane
GC/MS	EPA 8260B	1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113; Freon 113)
GC/MS	EPA 8260B	1,1,2-Trichloroethane
GC/MS	EPA 8260B	1,1-Dichloroethane (1,1-DCA)
GC/MS	EPA 8260B	1,1-Dichloroethene (1,1-DCE)
GC/MS	EPA 8260B	1,1-Dichloropropene
GC/MS	EPA 8260B	1,2,3-Trichlorobenzene
GC/MS	EPA 8260B	1,2,3-Trichloropropane
GC/MS	EPA 8260B	1,2,4-Trichlorobenzene
GC/MS	EPA 8260B	1,2,4-Trimethylbenzene
GC/MS	EPA 8260B	1,2-Dibromo-3-chloropropane (DBCP)
GC/MS	EPA 8260B	1,2-Dibromoethane (EDB)
GC/MS	EPA 8260B	1,2-Dichlorobenzene
GC/MS	EPA 8260B	1,2-Dichloroethane (EDC)
GC/MS	EPA 8260B	1,2-Dichloropropane
GC/MS	EPA 8260B	1,3,5-Trimethylbenzene
GC/MS	EPA 8260B	1,3-Dichlorobenzene
GC/MS	EPA 8260B	1,3-Dichloropropane
GC/MS	EPA 8260B	1,4-Dichlorobenzene
GC/MS	EPA 8260B	1,4-Dioxane
GC/MS	EPA 8260B	1-Chlorohexane
GC/MS	EPA 8260B	2,2-Dichloropropane
GC/MS	EPA 8260B	2-Butanone (Methyl ethyl ketone; MEK)
GC/MS	EPA 8260B	2-Chloroethyl vinyl ether
GC/MS	EPA 8260B	2-Chlorotoluene
GC/MS	EPA 8260B	2-Hexanone (Methyl butyl ketone; MBK)
GC/MS	EPA 8260B	4-Chlorotoluene
GC/MS	EPA 8260B	4-Methyl-2-pentanone (Methyl isobutyl ketone; MIBK)
GC/MS	EPA 8260B	Acetone
GC/MS	EPA 8260B	Acetonitrile

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B	Acrolein
GC/MS	EPA 8260B	Acrylonitrile
GC/MS	EPA 8260B	Allyl chloride
GC/MS	EPA 8260B	Benzene
GC/MS	EPA 8260B	Bromobenzene
GC/MS	EPA 8260B	Bromochloromethane
GC/MS	EPA 8260B	Bromodichloromethane
GC/MS	EPA 8260B	Bromoform
GC/MS	EPA 8260B	Bromomethane
GC/MS	EPA 8260B	Carbon Disulfide
GC/MS	EPA 8260B	Carbon Tetrachloride
GC/MS	EPA 8260B	Chlorobenzene
GC/MS	EPA 8260B	Chloroethane
GC/MS	EPA 8260B	Chloroform
GC/MS	EPA 8260B	Chloromethane
GC/MS	EPA 8260B	Chloroprene
GC/MS	EPA 8260B	cis-1,2-Dichloroethene (cis-1,2-DCE)
GC/MS	EPA 8260B	cis-1,3-Dichloropropene
GC/MS	EPA 8260B	cis-1,4-Dichloro-2-butene
GC/MS	EPA 8260B	Cyclohexane
GC/MS	EPA 8260B	Dibromochloromethane
GC/MS	EPA 8260B	Dibromomethane
GC/MS	EPA 8260B	Dichlorodifluoromethane (CFC-12)
GC/MS	EPA 8260B	Di-isopropyl ether
GC/MS	EPA 8260B	ETBE
GC/MS	EPA 8260B	Ethyl methacrylate
GC/MS	EPA 8260B	Ethylbenzene
GC/MS	EPA 8260B	Hexachlorobutadiene
GC/MS	EPA 8260B	Hexane
GC/MS	EPA 8260B	Iodomethane
GC/MS	EPA 8260B	Isobutyl alcohol
GC/MS	EPA 8260B	Isopropylbenzene (Cumene)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8260B	m,p-Xylenes
GC/MS	EPA 8260B	Methacrylonitrile
GC/MS	EPA 8260B	Methyl Acetate
GC/MS	EPA 8260B	Methyl methacrylate
GC/MS	EPA 8260B	Methyl Tertiary Butyl Ether (MTBE)
GC/MS	EPA 8260B	Methylcyclohexane
GC/MS	EPA 8260B	Methylene Chloride, or Dichloromethane
GC/MS	EPA 8260B	Naphthalene
GC/MS	EPA 8260B	n-Butylbenzene
GC/MS	EPA 8260B	n-Propylbenzene
GC/MS	EPA 8260B	o-Xylene
GC/MS	EPA 8260B	p-Isopropyltoluene
GC/MS	EPA 8260B	Propionitrile
GC/MS	EPA 8260B	sec-Butylbenzene
GC/MS	EPA 8260B	Styrene
GC/MS	EPA 8260B	tert-Amyl methyl ether
GC/MS	EPA 8260B	tert-Butyl alcohol
GC/MS	EPA 8260B	tert-Butylbenzene
GC/MS	EPA 8260B	Tetrachloroethene (PCE; PERC)
GC/MS	EPA 8260B	Tetrahydrofuran
GC/MS	EPA 8260B	Toluene
GC/MS	EPA 8260B	trans-1,2-Dichloroethene (trans-1,2-DCE)
GC/MS	EPA 8260B	trans-1,3-Dichloropropene
GC/MS	EPA 8260B	trans-1,4-Dichloro-2-butene
GC/MS	EPA 8260B	Trichloroethene (TCE)
GC/MS	EPA 8260B	Trichlorofluoromethane (CFC-11)
GC/MS	EPA 8260B	Vinyl acetate
GC/MS	EPA 8260B	Vinyl Chloride (VC)
GC/MS	EPA 8260B	Xylenes (Total)
GC/MS	EPA 8270C/D	1,1'-Biphenyl
GC/MS	EPA 8270C/D	1,2,4,5-Tetrachlorobenzene
GC/MS	EPA 8270C/D	1,2,4-Trichlorobenzene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/D	1,2-Dichlorobenzene
GC/MS	EPA 8270C/D	1,2-Diphenylhydrazine
GC/MS	EPA 8270C/D	1,3-Dichlorobenzene
GC/MS	EPA 8270C/D	1,4-Dichlorobenzene
GC/MS	EPA 8270C/D	1,4-Dioxane
GC/MS	EPA 8270C/D	1-Methylnaphthalene
GC/MS	EPA 8270C/D	2,3,4,6-Tetrachlorophenol
GC/MS	EPA 8270C/D	2,4,5-Trichlorophenol
GC/MS	EPA 8270C/D	2,4,6-Trichlorophenol (TCP)
GC/MS	EPA 8270C/D	2,4-Dichlorophenol (DCP)
GC/MS	EPA 8270C/D	2,4-Dimethylphenol
GC/MS	EPA 8270C/D	2,4-Dinitrophenol
GC/MS	EPA 8270C/D	2,4-Dinitrotoluene (DNT)
GC/MS	EPA 8270C/D	2,6-Dichlorophenol
GC/MS	EPA 8270C/D	2,6-Dinitrotoluene
GC/MS	EPA 8270C/D	2-Chloronaphthalene
GC/MS	EPA 8270C/D	2-Chlorophenol
GC/MS	EPA 8270C/D	2-Methylnaphthalene
GC/MS	EPA 8270C/D	2-Methylphenol (o-Cresol)
GC/MS	EPA 8270C/D	2-Nitroaniline
GC/MS	EPA 8270C/D	2-Nitrophenol (ONP)
GC/MS	EPA 8270C/D	3,3'-Dichlorobenzidine (DCB)
GC/MS	EPA 8270C/D	3-Methylphenol/4-Methylphenol
GC/MS	EPA 8270C/D	3-Nitroaniline
GC/MS	EPA 8270C/D	4,6-Dinitro-2-methylphenol (DNOC)
GC/MS	EPA 8270C/D	4-Bromophenyl phenyl ether
GC/MS	EPA 8270C/D	4-Chloro-3-methylphenol
GC/MS	EPA 8270C/D	4-Chloroaniline
GC/MS	EPA 8270C/D	4-Chlorophenyl phenyl ether
GC/MS	EPA 8270C/D	4-Methylphenol (p-Cresol)
GC/MS	EPA 8270C/D	4-Nitroaniline (PNA)
GC/MS	EPA 8270C/D	4-Nitrophenol (PNP)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/D	Acenaphthene
GC/MS	EPA 8270C/D	Acenaphthylene
GC/MS	EPA 8270C/D	Acetophenone
GC/MS	EPA 8270C/D	Aniline
GC/MS	EPA 8270C/D	Anthracene
GC/MS	EPA 8270C/D	Atrazine
GC/MS	EPA 8270C/D	Benzaldehyde
GC/MS	EPA 8270C/D	Benzidine
GC/MS	EPA 8270C/D	Benzo(a)anthracene
GC/MS	EPA 8270C/D	Benzo(a)pyrene
GC/MS	EPA 8270C/D	Benzo(b)fluoranthene
GC/MS	EPA 8270C/D	Benzo(g,h,i)perylene
GC/MS	EPA 8270C/D	Benzo(k)fluoranthene
GC/MS	EPA 8270C/D	Benzoic Acid
GC/MS	EPA 8270C/D	Benzyl alcohol
GC/MS	EPA 8270C/D	bis(2-Chloroethoxy)methane
GC/MS	EPA 8270C/D	bis(2-Chloroethyl)ether (BCEE)
GC/MS	EPA 8270C/D	bis(2-chloroisopropyl)ether, or 2,2'-oxybis (1-Chloropropane)
GC/MS	EPA 8270C/D	bis(2-Ethylhexyl)phthalate (BEHP)
GC/MS	EPA 8270C/D	Butyl benzyl phthalate (BBP)
GC/MS	EPA 8270C/D	Caprolactam
GC/MS	EPA 8270C/D	Carbazole
GC/MS	EPA 8270C/D	Chrysene
GC/MS	EPA 8270C/D	Dibenz(a,h)anthracene
GC/MS	EPA 8270C/D	Dibenzofuran (DBF)
GC/MS	EPA 8270C/D	Diethyl phthalate (DEP)
GC/MS	EPA 8270C/D	Dimethyl phthalate (DMP)
GC/MS	EPA 8270C/D	Di-n-butyl phthalate (DBP)
GC/MS	EPA 8270C/D	Di-n-octyl phthalate (DNOP)
GC/MS	EPA 8270C/D	Fluoranthene
GC/MS	EPA 8270C/D	Fluorene
GC/MS	EPA 8270C/D	Hexachlorobenzene (HCB)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/MS	EPA 8270C/D	Hexachlorobutadiene (HCBD)
GC/MS	EPA 8270C/D	Hexachlorocyclopentadiene (HCCPD)
GC/MS	EPA 8270C/D	Hexachloroethane (HCE)
GC/MS	EPA 8270C/D	Indeno(1,2,3-cd)pyrene
GC/MS	EPA 8270C/D	Isophorone
GC/MS	EPA 8270C/D	Naphthalene
GC/MS	EPA 8270C/D	Nitrobenzene
GC/MS	EPA 8270C/D	N-Nitrosodimethylamine
GC/MS	EPA 8270C/D	N-Nitroso-di-n-propylamine (NDPA)
GC/MS	EPA 8270C/D	N-nitrosodiphenylamine (NDPHA)
GC/MS	EPA 8270C/D	Pentachlorophenol
GC/MS	EPA 8270C/D	Phenanthrene
GC/MS	EPA 8270C/D	Phenol
GC/MS	EPA 8270C/D	Pyrene
GC/MS	EPA 8270C/D	Pyridine
GC/ECD	EPA 8081A/B	4,4'-DDD
GC/ECD	EPA 8081A/B	4,4'-DDE
GC/ECD	EPA 8081A/B	4,4'-DDT
GC/ECD	EPA 8081A/B	Aldrin
GC/ECD	EPA 8081A/B	alpha-BHC (alpha-HCH)
GC/ECD	EPA 8081A/B	alpha-Chlordane
GC/ECD	EPA 8081A/B	beta-BHC (beta-HCH)
GC/ECD	EPA 8081A/B	delta-BHC (delta-HCH)
GC/ECD	EPA 8081A/B	Chlordane (n.o.s.)
GC/ECD	EPA 8081A/B	Dieldrin
GC/ECD	EPA 8081A/B	Endosulfan I
GC/ECD	EPA 8081A/B	Endosulfan II
GC/ECD	EPA 8081A/B	Endosulfan sulfate
GC/ECD	EPA 8081A/B	Endrin
GC/ECD	EPA 8081A/B	Endrin aldehyde
GC/ECD	EPA 8081A/B	Endrin ketone
GC/ECD	EPA 8081A/B	gamma-BHC (Lindane; gamma-HCH)

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC/ECD	EPA 8081A/B	gamma-Chlordane
GC/ECD	EPA 8081A/B	Heptachlor
GC/ECD	EPA 8081A/B	Heptachlor epoxide
GC/ECD	EPA 8081A/B	Methoxychlor
GC/ECD	EPA 8081A/B	Toxaphene
GC/ECD	EPA 8082A	Aroclor-1016
GC/ECD	EPA 8082A	Aroclor-1221
GC/ECD	EPA 8082A	Aroclor-1232
GC/ECD	EPA 8082A	Aroclor-1242
GC/ECD	EPA 8082A	Aroclor-1248
GC/ECD	EPA 8082A	Aroclor-1254
GC/ECD	EPA 8082A	Aroclor-1260
GC/ECD	EPA 8082A	Aroclor-1262
GC/ECD	EPA 8082A	Aroclor-1268
HPLC/UV	EPA 8330A	1,3,5-Trinitrobenzene
HPLC/UV	EPA 8330A	1,3-Dinitrobenzene
HPLC/UV	EPA 8330A	2,4,6-Trinitrophenylmethylnitramine (Tetryl)
HPLC/UV	EPA 8330A	2,4,6-Trinitrotoluene (TNT)
HPLC/UV	EPA 8330A	2,4-Dinitrotoluene (DNT)
HPLC/UV	EPA 8330A	2,6-Dinitrotoluene
HPLC/UV	EPA 8330A	2-Amino-4,6-dinitrotoluene
HPLC/UV	EPA 8330A	2-Nitrotoluene (ONT)
HPLC/UV	EPA 8330A	3-Nitrotoluene
HPLC/UV	EPA 8330A	3,5-Dinitroaniline
HPLC/UV	EPA 8330A	4-Amino-2,6-dinitrotoluene
HPLC/UV	EPA 8330A	4-Nitrotoluene (PNT)
HPLC/UV	EPA 8330A	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)
HPLC/UV	EPA 8330A	Nitroglycerin
HPLC/UV	EPA 8330A	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)
HPLC/UV	EPA 8330A	Nitrobenzene
HPLC/UV	EPA 8330A	Nitroguanidine
HPLC/UV	EPA 8330A	PETN

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
HPLC/UV	EPA 8330B	1,3,5-Trinitrobenzene
HPLC/UV	EPA 8330B	1,3-Dinitrobenzene
HPLC/UV	EPA 8330B	2,4,6-Trinitrophenylmethylnitramine (Tetryl)
HPLC/UV	EPA 8330B	2,4,6-Trinitrotoluene (TNT)
HPLC/UV	EPA 8330B	2,4-Dinitrotoluene (DNT)
HPLC/UV	EPA 8330B	2,6-Dinitrotoluene
HPLC/UV	EPA 8330B	2-Amino-4,6-dinitrotoluene
HPLC/UV	EPA 8330B	2-Nitrotoluene (ONT)
HPLC/UV	EPA 8330B	3-Nitrotoluene
HPLC/UV	EPA 8330B	3,5-Dinitroaniline
HPLC/UV	EPA 8330B	4-Amino-2,6-dinitrotoluene
HPLC/UV	EPA 8330B	4-Nitrotoluene (PNT)
HPLC/UV	EPA 8330B	Hexahydro-1,3,5-trinitro-1,3,5-triazine (RDX)
HPLC/UV	EPA 8330B	Nitroglycerin
HPLC/UV	EPA 8330B	Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine (HMX)
HPLC/UV	EPA 8330B	Nitrobenzene
HPLC/UV	EPA 8330B	Nitroguanidine
HPLC/UV	EPA 8330B	PETN
GC/FID	FLPRO	Petroleum Range Organics
GC/FID	EPA 8015B/C	TPH DRO
GC/FID	EPA 8015B/C	TPH ORO
GC/FID	EPA 8015B/C	TPH GRO
HPLC/MS	EPA 6850	Perchlorate
ICP	EPA 6010B/C	Aluminum
ICP	EPA 6010B/C	Antimony
ICP	EPA 6010B/C	Arsenic
ICP	EPA 6010B/C	Barium
ICP	EPA 6010B/C	Beryllium
ICP	EPA 6010B/C	Boron
ICP	EPA 6010B/C	Cadmium
ICP	EPA 6010B/C	Calcium
ICP	EPA 6010B/C	Chromium, total

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP	EPA 6010B/C	Cobalt
ICP	EPA 6010B/C	Copper
ICP	EPA 6010B/C	Iron
ICP	EPA 6010B/C	Lead
ICP	EPA 6010B/C	Magnesium
ICP	EPA 6010B/C	Manganese
CVAA	EPA 7471A/B	Mercury
ICP	EPA 6010B/C	Molybdenum
ICP	EPA 6010B/C	Nickel
ICP	EPA 6010B/C	Potassium
ICP	EPA 6010B/C	Selenium
ICP	EPA 6010B/C	Silver
ICP	EPA 6010B/C	Sodium
ICP	EPA 6010B/C	Strontium
ICP	EPA 6010B/C	Tin
ICP	EPA 6010B/C	Titanium
ICP	EPA 6010B/C	Thallium
ICP	EPA 6010B/C	Vanadium
ICP	EPA 6010B/C	Zinc
IC	EPA 9056A	Bromide
IC	EPA 9056A	Chloride
IC	EPA 9056A	Fluoride
IC	EPA 9056A	Nitrate
IC	EPA 9056A	Nitrite
IC	EPA 9056A	Sulfate
UV/Vis	EPA 7196A	Hexavalent Chromium
TOC	Lloyd Kahn	Total Organic Carbon
Colorimetric	EPA 353.2 MOD	Nitrocellulose

LABORATORY ACCREDITATION BUREAU

Certificate # L2226

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Colorimetric	EPA 9012A/B	Cyanide
Titration	Chap.7, Sect. 7.3.4 Mod.	Reactive Sulfide
Physical	EPA 1010A	Ignitability/Flashpoint
Titration	EPA 9034	Sulfide
Probe	EPA 9045C/D	pH (Corrosivity)
Preparation	**Method**	**Type**
Preparation	EPA 1311	TCLP
Preparation	EPA 1312	SPLP
Preparation	NJ Modified 3060A	Hexavalent Chromium
Preparation	EPA 3050B	Metals Digestion
Preparation	EPA 3546	Organics Microwave Extraction
Preparation	EPA 3550B/C	Organics Sonication
Preparation	SM 2540 B-1997	Percent Solids (Percent Moisture)
Preparation	EPA 5035 /A	Purge and Trap Solid

Notes:

1) This laboratory offers commercial testing service.

Approved By:_____ Date: January 30, 2013

R. Douglas Leonard
Chief Technical Officer

Re-issued: 1/30/13

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TEST AMERICA SAVANNAH
5102 LaRoche Avenue
Savannah, GA 31404
Andrea Teal Phone: 912 354 7858

ENVIRONMENTAL

Valid To: February 28, 2013 Certificate Number: 0399.01

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, the 2003 NELAC Chapter 5 Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in the current DoD Quality Systems Manual for Environmental Laboratories) accreditation is granted to this laboratory to perform recognized EPA methods using the following testing technologies and in the analyte categories identified below and for the test methods applicable to Kentucky Statute KRS 224.60-130(2)(a):

Testing Technologies

Atomic Absorption/ICP-AES Spectrometry, Gas Chromatography, Gas Chromatography/Mass Spectrometry, Gravimetry, Ion Chromatography, ICP/MS, Methylene Blue Active Substances, Misc.- Electronic Probes (pH, F^-, O_2), Oxygen Demand, Hazardous Waste Characteristics Tests, Spectrophotometry (Visible), Spectrophotometry (Automated), Titrimetry, Total Organic Carbon, Total Organic Halide, Turbidity

Parameter/Analyte	**Potable Water**	**Nonpotable Water**	**Solid Hazardous Waste**	
			Aqueous	**Solid**
Metals				
Aluminum	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP)

5301 Buckeystown Pike, Suite 350 | Frederick, Maryland 21704-8373 | Phone: 301 644 3248 | Fax: 301 662 2974 | www.A2LA.org

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Antimony	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Arsenic	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Barium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Beryllium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Boron	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A
Cadmium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Calcium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP)
Chromium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Chromium 3+	SM 3500 Cr B_01 SM3500 Cr D	EPA 7196A SM 3500 Cr B_01 SM 3500 Cr D	EPA 7196A SM 3500 Cr B_01 SM 3500 Cr D	EPA 3060A/7196A
Chromium 6+	SM 3500 Cr B_01 SM3500 Cr D	EPA 7196A SM 3500 Cr B_01 SM 3500 Cr D	EPA 7196A SM 3500 Cr B_01 SM 3500 Cr D	EPA 3060A/7196A

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Cobalt	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Copper	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Iron	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP)

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Iron, Ferric	SM 3500 Fe B_97 SM3500 Fe D	SM 3500 Fe B_97 SM3500 Fe D	SM 3500 Fe B_97 SM3500 Fe D	- - - - - - - - - -
Iron, Ferrous	SM 3500 Fe B_97 SM3500 Fe D	SM 3500 Fe B_97 SM3500 Fe D	SM 3500 Fe B_97 SM3500 Fe D	- - - - - - - - - -
Lead	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Magnesium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP)

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Manganese	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Mercury	EPA 200.8 EPA 245.1	EPA 200.8 EPA 245.1 SM 3112B	EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A EPA 7470A ISM01.2 (Hg) SM 3112B	EPA 3050B/6020 EPA 3050B/6020A EPA 7471A EPA 7471B ISM01.2 (Hg)
Molybdenum	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Nickel	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Potassium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP)
Selenium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Silica	EPA 200.7	EPA 200.7	EPA 6010B EPA 6010C	- - - - - - - - - -
Silicon	EPA 200.7	EPA 200.7	EPA 6010B EPA 6010C	- - - - - - - - - -
Silver	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Sodium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP)
Sodium Adsorption Ratio	- - - - - - - - - -	USDA 20B	USDA 20B	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Strontium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A
Thallium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Tin	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Titanium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A
Vanadium	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)
Zinc	EPA 200.7 EPA 200.8	EPA 200.7 EPA 200.8	EPA 3005A/6010B EPA 3010A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B EPA 3005A/6010C EPA 3010A/6010C SM 3030C/EPA 6010C EPA 3005A/6020 EPA 3010A/6020 SM 3030C/EPA 6020 EPA 3005A/6020A EPA 3010A/6020A SM 3030C/EPA 6020A ISM01.2 (ICP) ISM01.2 (ICPMS)	EPA 3050B/6010B EPA 3050B/6010C EPA 3050B/6020 EPA 3050B/6020A ISM01.2 (ICP) ISM01.2 (ICPMS)

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Nutrients				
Ammonia (as N)	EPA 350.1 SM4500NH3_G	EPA 350.1 SM4500NH3_G	EPA 350.1 SM4500NH3_G	- - - - - - - - - -
Kjeldahl nitrogen	EPA 351.2	EPA 351.2	EPA 351.2	- - - - - - - - - -
Nitrate (as N)	EPA 300.0 EPA 353.2	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A
Nitrate-nitrite (as N)	EPA 300.0 EPA 353.2	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A
Nitrite (as N)	EPA 300.0 EPA 353.2	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A
Nitrate (as NO3)	EPA 300.0 EPA 353.2	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A
Nitrate-nitrite (as NO3-NO2)	EPA 300.0 EPA 353.2	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A
Nitrite (as NO2)	EPA 300.0 EPA 353.2	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 353.2 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A
Organic Nitrogen (as N)	- - - - - - - - - -	TKN minus Ammonia	TKN minus Ammonia	- - - - - - - - - -
Orthophosphate (as P)	EPA 365.1 SM4500P F	EPA 365.1 SM4500P F	EPA 365.1 SM4500P F	- - - - - - - - - -
Total Nitrogen (as N)	- - - - - - - - - -	TKN plus Nitrate-Nitrite (as N)	TKN plus Nitrate-Nitrite (as N)	- - - - - - - - - -
Total phosphorus	EPA 365.4	EPA 365.4	EPA 365.4	- - - - - - - - - -
Demands				
Adsorbable organic halides (AOX)	- - - - - - - - - -	EPA 1650	EPA 1650	- - - - - - - - - -
Biochemical oxygen demand	EPA 405.1 SM 5210 B	EPA 405.1 SM 5210 B	EPA 405.1 SM 5210 B	- - - - - - - - - -
Carbonacious BOD	SM 5210 B	SM 5210 B	SM 5210 B	- - - - - - - - - -
Chemical oxygen demand	EPA 410.4 SM 5220 D	EPA 410.4 SM 5220 D	EPA 410.4 SM 5220 D	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Dissolved carbon	EPA 415.1 SM 5310B	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	- - - - - - - - - -
Dissolved inorganic carbon	EPA 415.1 SM 5310B	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	- - - - - - - - - -
Dissolved organic carbon	EPA 415.1 SM 5310B	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	- - - - - - - - - -
Extractable organic halides	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	EPA 9023
Total carbon	EPA 415.1 SM 5310B	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	- - - - - - - - - -
Total inorganic carbon	EPA 415.1 SM 5310B	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	- - - - - - - - - -
Total organic carbon	EPA 415.1 SM 5310B	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	EPA 415.1 SM 5310B EPA 9060 EPA 9060A	EPA 9060 EPA 9060A Lloyd Kahn
Total organic halides	EPA 9020B	EPA 450.1 EPA 9020B	EPA 9020B EPA 450.1	- - - - - - - - - -
Wet Chemistry				
Acidity	EPA 305.1 SM 2310B	EPA 305.1 SM 2310B	EPA 305.1 SM 2310B	- - - - - - - - - -
Alkalinity	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	- - - - - - - - - -
Anion/Cation Balance	- - - - - - - - - -	SM 1030 F	SM 1030 F	- - - - - - - - - -
Bicarbonate alkalinity	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	- - - - - - - - - -
Bromide	EPA 300.1B	EPA 300.0 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A	EPA 300.0 EPA 9056 EPA 9056A
Bromate	EPA 300.1B	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Carbon dioxide, free	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	- - - - - - - - - -
Carbonate alkalinity	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B SM 4500 CO2 D	EPA 310.1 SM 2320B SM 4500 CO2 D	- - - - - - - - - -
Chlorate	EPA 300.1B	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Chloride	EPA 300.0 EPA 325.2 SM 4500 Cl- E	EPA 300.0 EPA 325.2 SM4500 Cl- E EPA 9056 EPA 9056A EPA 9251	EPA 9056 EPA 9056A EPA 9251 EPA 300.0 EPA 325.2 SM4500 Cl-E	EPA 300.0 EPA 9056 EPA 9056A EPA 9251
Chloride, residual	EPA 330.3 SM 4500 Cl-B	EPA 330.3 SM4500 Cl-B	EPA 330.3 SM4500 Cl-B	- - - - - - - - - -
Chlorite	EPA 300.1B	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Color	EPA 110.2 SM 2120B	EPA 110.2 SM 2120B	EPA 110.2 SM 2120B	- - - - - - - - - -
Corrosivity-calc.carb. stability	SM 2330B	SM 2330B	SM 2330B	- - - - - - - - - -
Cyanide	EPA 335.4 SM 4500-CN-E	EPA 335.4 SM 4500 CN-E ISM01.2 (CN) EPA 9012A EPA 9012B	EPA 9012A EPA 9012B ISM01.2 (CN) EPA 335.4 SM 4500 CN-E	EPA 9012A EPA 9012B ISM01.2 (CN)
Cyanide amenable to chlorination	EPA 335.1	EPA 335.1 EPA 9013/9012A EPA 9013/9012B	EPA 9013/9012A EPA 9013/9012B EPA 335.1	EPA 9013/9012A EPA 9013/9012B
Cyanide, weak acid dissociable	- - - - - - - - - -	SM 4500-CN-I	SM 4500-CN-I	- - - - - - - - - -
Fluoride	EPA 300.0 SM 4500-F-C	EPA 300.0 EPA 9056 EPA 9056A SM 4500-F-C	EPA 300.0 EPA 9056 EPA 9056A SM 4500-F-C	EPA 300.0 EPA 9056 EPA 9056A
Hardness (as calcium carbonate)	EPA 130.2 SM 2340B SM 2340C	EPA 130.2 SM 2340B SM 2340C	EPA 130.2 SM 2340B SM 2340C	- - - - - - - - - -
Hardness, Calcium (as calcium carbonate)	SM 2340B	SM 2340B	SM 2340B	- - - - - - - - - -
Hardness, Magnesium (as calcium carbonate)	SM 2340B	SM 2340B	SM 2340B	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Hydroxide alkalinity	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	- - - - - - - - - -
Odor	EPA 140.1 SM 2150 B	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Oxygen, dissolved	EPA 360.2 SM 4500 O C	EPA 360.2 SM 4500 O C	EPA 360.2 SM 4500 O C	- - - - - - - - - -
Perchlorate	EPA 314.0	EPA 314.0	EPA 314.0	EPA 314.0
pH	EPA 150.1 SM 4500 H+ B	EPA 150.1 SM 4500 H+ B EPA 9040B EPA 9040C	EPA 9040B EPA 9040C EPA 150.1 SM 4500 H+ B	EPA 9045C EPA 9045D
Phenolphthalein alkalinity	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	EPA 310.1 SM 2320B	- - - - - - - - - -
MBAS (Surfactants)	EPA 425.1 SM 5540C	EPA 425.1 SM 5540C	EPA 425.1 SM 5540C	
Oil and Grease (HEM)	- - - - - - - - - -	EPA 1664A	EPA 1664A	EPA 9071B
Phenols	EPA 420.1	EPA 420.1 EPA 9065 EPA 9065A	EPA 9065 EPA 9065A EPA 420.1	EPA 9065 EPA 9065A
Filterable residue	EPA 160.1 SM 2540C	EPA 160.1 SM 2540C	EPA 160.1 SM 2540C	- - - - - - - - - -
Nonfilterable residue	EPA 160.2 SM 2540D	EPA 160.2 SM 2540D	EPA 160.2 SM 2540D	- - - - - - - - - -
Settleable Residue	EPA 160.5 SM 2540F	EPA 160.5 SM 2540F	EPA 160.5 SM 2540F	- - - - - - - - - -
Total residue	EPA 160.3 SM 2540B	EPA 160.3 SM 2540B	EPA 160.3 SM 2540B	SM2540G
Volatile dissolved residue	- - - - - - - - - -	SM 2540E	SM 2540E	- - - - - - - - - -
Total volatile suspended residue	- - - - - - - - - -	SM 2540E	SM 2540E	- - - - - - - - - -
Volatile residue	EPA 160.4 SM 2540E	EPA 160.4 SM 2540E	EPA 160.4 SM 2540E	SM2540G
Ash Content	- - - - - - - - - -	SM 2540E	SM 2540E	SM2540G
Fixed residue	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	SM2540G
Percent Moisture	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	SM2540G
Resistivity	EPA 120.1 SM 2510B	EPA 120.1 SM 2510B	EPA 120.1 SM 2510B	- - - - - - - - - -
Salinity	SM 2520B	SM 2520B	SM 2520B	- - - - - - - - - -
Specific conductance	EPA 120.1 SM 2510B	EPA 120.1 SM 2510B	EPA 9050A EPA 120.1 SM 2510B	EPA 9050A

Parameter/Analyte	**Potable Water**	**Nonpotable Water**	**Solid Hazardous Waste**	
			Aqueous	**Solid**
Sulfide	EPA 376.1 SM4500-S2-F	EPA 376.1 EPA 9030B/9034 SM4500 S2 F	EPA 9030B/9034 EPA 376.1 SM4500 S2 F	EPA 9030B/9034
Sulfate	EPA 300.0 EPA 375.4	EPA 300.0 EPA 375.4 EPA 9038 EPA 9056 EPA 9056A	EPA 300.0 EPA 375.4 EPA 9056 EPA 9056A EPA 9038	EPA 300.0 EPA 9056 EPA 9056A EPA 9038
Sulfite	EPA 377.1 SM4500 SO3 B	EPA 377.1 SM4500 SO3 B	EPA 377.1 SM4500-SO3-B	- - - - - - - - - -
Tannin & Lignin	- - - - - - - - - -	SM 5550 B	SM 5550 B	- - - - - - - - - -
Thiocyanate	SM 4500 CN M	SM 4500 CN M	SM 4500 CN M	- - - - - - - - - -
Total Petroleum Hydrocarbons (TPH or SGT-HEM)	- - - - - - - - - -	EPA 1664A	EPA 1664A	EPA 9071B
Turbidity	EPA 180.1 SM 2130B	EPA 180.1 SM 2130B	EPA 180.1 SM 2130B	- - - - - - - - - -
Unionized ammonia	- - - - - - - - - -	FL-DEP SOP	FL-DEP SOP	- - - - - - - - - -
UV-254	SM5910B	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Purgeable Organics (Volatiles)				
Acetone	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Acetonitrile	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Acrolein	- - - - - - - - - -	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Acrylonitrile	- - - - - - - - - -	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Amyl acetate, mixed isomers	- - - - - - - - - -	EPA 1666	EPA 1666	- - - - - - - - - -
Benzene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
BTEX, Total		EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Bromobenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Bromochloromethane	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Bromodichloromethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Bromoform	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Bromomethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
n-Butanol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
sec-Butanol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
2-Butanone	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
2-Butoxyethanol (Butyl cellosolve)	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
n-Butyl acetate	- - - - - - - - - -	EPA 1666	EPA 1666 EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
sec-Butyl acetate	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
tert-Butyl alcohol (2-methyl-2-propanol)	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
n-Butylbenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Sec-Butylbenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Tert-Butylbenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Carbon disulfide	- - - - - - - - - -	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Carbon tetrachloride	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Cellosolve acetate	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Chlorobenzene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Chloroethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
2-Chloroethyl vinyl ether	- - - - - - - - - -	EPA 624	EPA 5030B/8260B	- - - - - - - - - -
Chloroform	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1-Chlorohexane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
4-Isopropyltoluene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Chloromethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
3-Chloro-1-propene	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Chloroprene	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Cyclohexane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
2-Chlorotoluene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
4-Chlorotoluene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Dibromoacetic Acid (DBAA)	EPA 552.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Dibromochloromethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2-Dibromo-3-chloropropane (DBCP)	EPA 504.1 EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B EPA 8011	EPA 5030/8260B EPA 5035A/8260B
Dibromomethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2-Dibromoethane (EDB)	EPA 504.1 EPA 524.2	EPA 624	EPA 5030B/8260B EPA 8011	EPA 5030/8260B EPA 5035A/8260B
Dichloroacetic Acid (DCAA)	EPA 552.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
1,2-Dichlorobenzene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,3-Dichlorobenzene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,4-Dichlorobenzene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Trans-1,4-dichloro-2-butene	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Dichlorodifluoromethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,1-Dichloroethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2-Dichloroethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,1-Dichloroethene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
cis-1,2-Dichloroethene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
trans-1,2-Dichloroethene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2-Dichloroethene, Total	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2-Dichloropropane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
1,3-Dichloropropane	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
2,2-Dichloropropane	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,1-Dichloropropene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
cis-1,3-Dichloropropene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
trans-1,3-Dichloropropene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,3-Dichloropropene, Total	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Diethyl ether	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Diisopropyl ether	EPA 524.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
1,4-Dioxane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Ethanol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI EPA 5030B/8260B	EPA 8015B-DAI EPA 8015C-DAI EPA 5030/8260B EPA 5035A/8260B
Ethyl acetate	- - - - - - - - - -	EPA 1666	EPA 1666 EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Ethyl benzene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Ethyl methacrylate	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Ethylene glycol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Tetraethylene glycol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Triethylene glycol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Furan	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Haloacetic Acids, Total (HAA5)	EPA 552.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
n-Heptane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
n-Heptanol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
2-Hexanone	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Hexachlorobutadiene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Hexane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Isoamyl acetate	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Isobutanol	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B EPA 8015B-DAI EPA 8015C-DAI	EPA 5030/8260B EPA 5035A/8260B EPA 8015B-DAI EPA 8015C-DAI
Isobutyl acetate	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Isopropyl acetate	- - - - - - - - - -	EPA 1666	EPA 1666 EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Isopropanol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Isopropyl ether	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Isopropylbenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Iodomethane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Methacrylonitrile	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Methanol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Methyl acetate	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B EPA 8015B-DAI EPA 8015C-DAI	EPA 5030/8260B EPA 5035A/8260B EPA 8015B-DAI EPA 8015C-DAI
Methylene chloride	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Methyl isobutyl ketone	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Methyl methacrylate	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Methyl cyclohexane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Monobromoacetic Acid (MBAA)	EPA 552.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Monochloroacetic Acid (MCAA)	EPA 552.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Methyl tert-butyl ether (MTBE)	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Naphthalene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
2,2'-Oxybisethanol (Diethylene glycol)	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Pentachloroethane	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Phenol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
n-Propanol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Propionitrile	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
2-Propoxy ethanol (Propyl cellosolve)	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
n-Propyl acetate	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
n-Propylbenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Propylene glycol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Di-propylene glycol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Di-propylene glycol methyl ether	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI	EPA 8015B-DAI
Styrene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Tert-amyl alcohol	- - - - - - - - - -	- - - - - - - - - -	EPA 8015B-DAI EPA 8015C-DAI	EPA 8015B-DAI EPA 8015C-DAI
Tert-amyl methyl ether (TAME)	EPA 524.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Tert-butyl alcohol (TBA)	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Tert-butyl ethyl ether (ETBE)	EPA 524.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
1,1,1,2-Tetrachloroethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,1,2,2-Tetrachloroethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Tetrachloroethene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Tetrahydrofuran	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Toluene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Trichloroacetic acid	EPA 552.2	- - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
1,1,1-Trichloroethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,1,2-Trichloroethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Trichloroethene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Trichlorofluoromethane	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2,3-Trichlorobenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2,4-Trichlorobenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2,3-Trichloropropane	EPA 524.2 EPA 504.1	- - - - - - - - - -	EPA 5030B/8260B EPA 8011	EPA 5030/8260B EPA 5035A/8260B
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2,4-Trimethylbenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,3,5-Trimethylbenzene	EPA 524.2	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Trihalomethanes, Total	EPA 524.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Vinyl acetate	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Vinyl chloride	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Xylenes, total	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,2-Xylene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
1,3 & 1,4-Xylene	EPA 524.2	EPA 624	EPA 5030B/8260B	EPA 5030/8260B EPA 5035A/8260B
Gasoline Range Organics	- - - - - - - - - -	- - - - - - - - - -	EPA 5030B/8015B EPA 5030B/8015C	EPA 5030/8015B EPA 5035A/8015B EPA 5030/8015C EPA 5035A/8015C

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Extractable Organics (Semivolatiles)				
Acenaphthene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Acenaphthylene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Acetochlor	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Acetophenone	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Acetylaminofluorene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Alachlor	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
4-Aminobiphenyl	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Aniline	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Anthracene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Aramite, Total	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Atrazine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzaldehyde	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Benzidine	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzoic acid	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzo (a) anthracene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzo (b) fluoranthene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzo (k) fluoranthene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzo (ghi) perylene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzo (a) pyrene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Benzyl alcohol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,1-Biphenyl	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Bis (2-chloroethoxy) methane	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Bis (2-chloroethyl) ether	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Bis (2-chloroisopropyl) ether	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Bis (2-ethylhexyl) phthalate	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Bromacil	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
4-Bromophenylphenyl ether	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Butachlor	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Butylate	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Butyl benzyl phthalate	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-sec-Butyl-4,6-dinitrophenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Caprolactam	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Carbazole	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
4-Chloroaniline	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
4-Chloro-3-methylphenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Chloronaphthalene	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Chlorobiphenyl	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
2-Chlorophenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
4-Chlorophenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
4-Chlorophenyl phenyl ether	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Chrysene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Cresols (total methyl phenols)	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Diallate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Dibenzofuran	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Dibenz(a,h) anthracene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,2-Dichlorobenzene	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,3-Dichlorobenzene	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,4-Dichlorobenzene	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
3,3-Dichlorobenzidine	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,4-Dichlorophenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,6-Dichlorophenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Diethyl phthalate	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Di(2-ethylhexyl)adipate	EPA 525.2	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Dimethoate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
p-Dimethylaminoazobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
7,12-Dimethylbenz (a) anthracene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3,3'-Dimethylbenzidine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Alpha-, alpha-Dimethylphenethylamine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,3-Dimethylphenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
2,4-Dimethylphenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,5-Dimethylphenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,4 & 2,5-Dimethylphenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,6-Dimethylphenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3,4-Dimethylphenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Dimethyl phthalate	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Di-n-butyl phthalate	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Di-n-octyl phthalate	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Diphenyl ether	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,3-Dinitrobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,4-Dinitrophenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
2,4-Dinitrotoluene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,6-Dinitrotoluene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,4-Dioxane	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,2-Diphenylhydrazine	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Diphenamide	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
EPTC	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Ethoprop (Mocap)	EPA 525.2	- - - - - - - - - -		- - - - - - - - - -
Ethyl methane sulfonate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Etridiazole	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Fenarimol	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Fluoroanthene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Fluorene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Fluridone	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
2,2',3,3',4,4',6-Heptachlorobiphenyl	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Hexachlorobenzene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Hexachlrobutadiene	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Hexachlorocyclopentadiene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Hexachloroethane	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Hexachlorophene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Hexachloropropene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Hexazinone	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Indeno (1,2,3-cd) pyrene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Isophorone	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Isosafrole	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Methapyrilene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Methylbenzoate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3-Methylcholanthrene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Methyl-4,6-Dinitrophenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Methyl methane sulfonate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1-Methylnaphthalene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Methylnaphthalene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Methyl paraoxon	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
2-Methylphenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3 & 4-Methylphenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Metolachlor	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Metribuzin	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Mevinphos	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
MGK 264, total (isomer a+b)	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Molinate	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Napropamide	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Naphthalene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,4-Naphthoquinone	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1-Naphthylamine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Naphthylamine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
2-Nitroaniline	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3-Nitroaniline	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
4-Nitroaniline	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Nitrobenzene	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Nitrophenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
4-Nitrophenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitroso-di-n-butylamine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitrosodiethylamine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitrosodimethylamine	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitrosomethylethylamine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitrosomorpholine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
N-Nitrosodi-n-propylamine	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitrosodiphenylamine	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitrosopiperidine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
N-Nitrosopyrrolidine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
4-Nitroquinoline-1-oxide	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
trans-Nonachlor	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Norflurazon	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Pebulate	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Pentachlorobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,2',3,4,6-Pentachlorobiphenyl	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Pentachlronitrobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Pentachlorophenol	- - - - - - - - - -	EPA 625 EPA 1653	EPA 3520C/8270C EPA 3520C/8270D EPA 1653	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Permethrin, total	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Phenacetin	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Phenanthrene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Phenol	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Phenyl ether	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
p-Phenylene diamine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Phorate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Picoline	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
alpha-Pinene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Pronamide	EPA 525.2	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Propazine	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Pyrene	EPA 525.2	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Pyridine	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Safrole, Total	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Terbacil	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
1,2,4,5-Tetrachlorobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,2',4,4'-Tetrachlorobiphenyl	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Tetrachlorocatechol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
Tetrachloroguaicol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
2,3,4,6-Tetrachlorophenol	- - - - - - - - - -	EPA 1653	EPA 1653 EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2-Toluidine (o-Toluidine)	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Triademefon	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
2,4,5-Trichlorobiphenyl	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
1,2,3-Trichlorobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,2,4-Trichlorobenzene	- - - - - - - - - -	EPA 625	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
1,3,5-Trichlorobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3,4,5-Trichlorocatechol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
3,4,6-Trichlorocatechol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
3,4,5-Trichloroguaicol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
3,4,6-Trichloroguaicol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
4,5,6-Trichloroguaicol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
2,4,5-Trichlorophenol	- - - - - - - - - -	EPA 1653	EPA 3520C/8270C EPA 3520C/8270D EPA 1653	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,3,6-Trichlorophenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
2,4,6-Trichlorophenol	- - - - - - - - - -	EPA 625 EPA 1653	EPA 3520C/8270C EPA 3520C/8270D EPA 1653	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3,4,5-Trichlorophenol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
Trichlorosyringol	- - - - - - - - - -	EPA 1653	EPA 1653	- - - - - - - - - -
Tricyclazole	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
o,o',o"-Triethylphosphorothioate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Trifluralin	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
1,3,5-Trinitrobenzene	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Vernolate	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
2,3-Xylenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
3,4-Xylenol	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8270C EPA 3520C/8270D	EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
#2 Diesel Fuel (Product Identification)	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8015B EPA 3520C/8015C	EPA 3550B/8015B EPA 3546/8015B EPA 3550C/8015C EPA 3546/8015C
Diesel Range Organics	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8015B EPA 3520C/8015C	EPA 3550B/8015B EPA 3546/8015B EPA 3550C/8015C EPA 3546/8015C
Kerosene (Product Identification)	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8015B EPA 3520C/8015C	EPA 3550B/8015B EPA 3546/8015B EPA 3550C/8015C EPA 3546/8015C
Mineral Spirits (Product Identification)	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8015B EPA 3520C/8015C	EPA 3550B/8015B EPA 3546/8015B EPA 3550C/8015C EPA 3546/8015C
Motor Oil (Product Identification)	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8015B EPA 3520C/8015C	EPA 3550B/8015B EPA 3546/8015B EPA 3550C/8015C EPA 3546/8015C

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Oil Range Organics	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8015B EPA 3520C/8015C	EPA 3550B/8015B EPA 3546/8015B EPA 3550C/8015C EPA 3546/8015C
Petroleum Range Organics	- - - - - - - - - -	- - - - - - - - - -	FL-PRO	FL-PRO
Pesticides-Herbicides-PCBs				
Acifluorfen	EPA 515.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Aldicarb (MS)	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Aldicarb sulfone	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Aldicarb sulfoxide	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Aldrin	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Atrazine	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Azinphos methyl	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
alpha-BHC	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Bentazon	EPA 515.1	- - - - - - - - - -	- - - - - - - - - -	----------
beta-BHC	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
delta-BHC	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
gamma-BHC	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Bolstar	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Carbaryl	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Carbofuran (MS)	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Chloramben	EPA 515.1			
Chlordane (technical)	EPA 508	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Chlordane (alpha)	EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Chlordane (gamma)	EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Chlorobenzilate	EPA 525.2		EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Decachlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Dichlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Heptachlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Hexachlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Monochlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Nonachlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Octachlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Pentachlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Tetrachlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Trichlorobiphenyl	- - - - - - - - - -	EPA 680	EPA 680	EPA 680
Chloroneb	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Chlorpropham	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Chlorpyrifos	EPA 525.2	EPA 614	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Chlorthalonil	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Coumaphos	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Cycloate	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
2,4-D	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
2,6-Dichlorophenol	- - - - - - - - - -	EPA 615	EPA 8151A	EPA 8151A

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
DCPA (Dacthal)	EPA 515.1 EPA 525.2	- - - - - - - - - -	EPA 8151A	EPA 8151A
Dalapon	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
2,4-DB	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
2,4'-DDD	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
2,4' DDE	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
2,4'-DDT	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
4,4'-DDD	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
4,4' DDE	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
4,4'-DDT	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Demeton-O	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Demeton-S	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Diazinon	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Dicamba	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Dichlorvos	EPA 525.2	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
3,5-Dichlorobenzoic acid	EPA 515.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
2,3-Dichlorobiphenyl (PCB 5)	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Dichloroprop	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
Dieldrin	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Dimethoate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Dinoseb	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
Diquat	EPA 549.2	- - - - - - - - - -	- - - - - - - - -	- - - - - - - - - -
Disulfoton	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B EPA 3520C /8270C EPA 3520C /8270D	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Endosulfan I (alpha)	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Endosulfan II (beta)	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Endosulfan sulfate	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Endothall	EPA 548.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
Endrin	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Endrin aldehyde	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Endrin ketone	- - - - - - - - - -	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
EPN	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Ethoprop (Mocap)	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Famphur	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B EPA 3520C /8270C EPA 3520C /8270D	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Fensulfothion	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Fenthion	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Glysophate	EPA 547	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Heptachlor	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Heptachlor epoxide	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B.	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
3-Hydroxycarbofuran	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Isodrin	- - - - - - - - - -		EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Malathion	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
MCPA	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
MCPP	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
Merphos	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Methiocarb	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Methomyl	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Methoxychlor	EPA 508 EPA 525.2	EPA 608	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Mevinphos	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Mirex	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8081A EPA 3520C/8081B	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B
Monocrotophos	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Naled	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
4-Nitrophenol	EPA 515.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Oxamyl (MS)	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Paraquat	EPA 549.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Parathion ethyl	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B EPA 3520C /8270C EPA 3520C /8270D	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
Parathion methyl	- - - - - - - - - -	EPA 614	EPA 3520C/8141A EPA 3520C/8141B EPA 3520C /8270C EPA 3520C /8270D	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
PCB-1016	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCB-1221	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCB-1232	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCB-1242	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCB-1248	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCB-1254	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A

Parameter/Analyte	Potable Water	Nonpotable Water	Solid Hazardous Waste	
			Aqueous	Solid
PCB-1260	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCB-1262	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCB-1268	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
PCBs, Total	EPA 508	EPA 608	EPA 3520C/8082 EPA 3520C/8082A	EPA 3550B/8082 EPA 3546/8082 EPA 3550C/8082A EPA 3546/8082A
Pentachlorophenol	EPA 515.1	- - - - - - - - - -	EPA 8151A	EPA 8151A
Picloram	EPA 515.1	- - - - - - - - - -	EPA 8151A	EPA 8151A
Phorate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Propachlor	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Propoxur (Baygon)	EPA 531.1	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Ronnel	- - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Simazine	EPA 525.2	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -
Stirophos	EPA 525.2	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Sulfotepp	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B EPA 3520C /8270C EPA 3520C /8270D	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,4,5-T	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A

Parameter/Analyte	**Potable Water**	**Nonpotable Water**	**Solid Hazardous Waste**	
			Aqueous	**Solid**
Thionazin	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B EPA 3520C /8270C EPA 3520C /8270D	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B EPA 3550B/8270C EPA 3546/8270C EPA 3550C/8270D EPA 3546/8270D
2,4,6-Trichlorophenol	- - - - - - - - - -	EPA 615	EPA 8151A	EPA 8151A
Tokuthion	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
2,4,5-TP (Silvex)	EPA 515.1	EPA 615	EPA 8151A	EPA 8151A
Toxaphene	EPA 508	EPA 608	EPA 3520C/8081A EPA 3520C/8081B EPA 3520C/8276	EPA 3550B/8081A EPA 3546/8081A EPA 3550C/8081B EPA 3546/8081B EPA 3546/8276
Trichloronate	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8141A EPA 3520C/8141B	EPA 3550B/8141A EPA 3546/8141A EPA 3550C/8141B EPA 3546/8141B
Hp-Sed	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Hx-Sed	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Parlar 26	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Parlar 40	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Parlar 41	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Parlar 44	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Parlar 50	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Parlar 62	- - - - - - - - - -	- - - - - - - - - -	EPA 3520C/8276	EPA 3546/8276
Hazardous Waste Characteristics				
BTU	- - - - - - - - - -	ASTM D240	ASTM D240	ASTM D240
Free Liquid	- - - - - - - - - -	- - - - - - - - - -	- - - - - - - - - -	EPA 9095A EPA 9095B
Ignitability	- - - - - - - - - -	EPA 1010 EPA 1010A	EPA 1010 EPA 1010A	EPA 1030
Specific Gravity	- - - - - - - - - -	SM2710 F	SM2710 F	SM2710 F
SPLC	- - - - - - - - - -	- - - - - - - - - -	EPA 1312	EPA 1312
TCLP	- - - - - - - - - -	- - - - - - - - - -	EPA 1311	EPA 1311
Air Testing				

Parameter/Analyte	**Potable Water**	**Nonpotable Water**	**Solid Hazardous Waste**	
			Aqueous	**Solid**
Purgeable Organics				
Methane (FID)	- - - - - - - - - -	RSK-175	RSK-175	- - - - - - - - - -
Methane (TCD)	- - - - - - - - - -	RSK-175	RSK-175	- - - - - - - - - -
Ethane (FID)	- - - - - - - - - -	RSK-175	RSK-175	- - - - - - - - - -
Ethene (FID)	- - - - - - - - - -	RSK-175	RSK-175	- - - - - - - - - -
Kentucky UST Program				
TCLP Metals				
Arsenic	- - - - - - - - - -	- - - - - - - - - -	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B
Barium	- - - - - - - - - -	- - - - - - - - - -	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B
Cadmium	- - - - - - - - - -	- - - - - - - - - -	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B
Chromium	- - - - - - - - - -	- - - - - - - - - -	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B
Lead	- - - - - - - - - -	- - - - - - - - - -	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B
Mercury	- - - - - - - - - -	- - - - - - - - - -	EPA 7470A	EPA 7470A
Selenium	- - - - - - - - - -	- - - - - - - - - -	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B
Silver	- - - - - - - - - -	- - - - - - - - - -	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B	EPA 3005A/6010B EPA 3010A/6010B SM 3030C/EPA 6010B

The American Association for Laboratory Accreditation

World Class Accreditation

Accredited DoD ELAP Laboratory

A2LA has accredited

TEST AMERICA SAVANNAH

Savannah, GA

for technical competence in the field of

Environmental Testing

In recognition of the successful completion of the A2LA evaluation process, (including an assessment of the laboratory's compliance with ISO IEC 17025:2005, the 2003 NELAC Chapter 5 Standard, and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in the current DoD Quality Systems Manual for Environmental Laboratories); accreditation is granted to this laboratory to perform recognized EPA methods as defined on the associated A2LA Environmental Scope of Accreditation. This accreditation demonstrates technical competence for this defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 5th day of April 2011.

President & CEO
For the Accreditation Council
Certificate Number 0399.01
Valid to February 28, 2013

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Environmental Scope of Accreditation.

CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/ACLASS
500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

American Radiation Services, Inc.
(dba ARS International)
2609 North River Road
Port Allen, LA 70767

has been assessed by ACLASS
and meets the requirements of

DoD-ELAP

while demonstrating technical competence in the field(s) of

TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

ADE-1489
Certificate Number

ACLASS Approval

Certificate Valid: 10/12/2010-10/12/2012
Version No. 001 Issued: 10/13/2010

ANSI-ASQ National Accreditation Board

SCOPE OF DoD-ELAP ACCREDITATION

American Radiation Services, Inc.
(dba ARS International)
2609 North River Road, Port Allen, Louisiana-70767
Virgene Ideker- Mulligan Phone: 225-381-2991

TESTING

Valid to: October 12, 2012 Certificate Number: ADE- 1489

I. Environmental

MATRIX	SPECIFIC TEST or GROUP OF ANALYTES	SPECIFICATION OR STANDARD METHOD (all EPA unless specified)	* KEY EQUIPMENT OR TECHNOLOGY USED
Soil, Sludge, Waste, Biota, Filters	Microwave Digestion	SOP ARS-036, Rev. 6	Microwave Digestion Unit
Soil, Sludge, Waste, Biota, Filters	Hot Plate Digestion	SOP ARS-031, Rev. 5	Hot Plate, Filtration
Water, Soil, Sludge, Waste, Biota, Filters	Pu 239/240; Am 241/243; Cm 242/244; U 234/235/238	Eichrom ACW03 VBS	Alpha Spectroscopy
Water, Soil, Sludge, Waste, Biota, Filters	Th 228/230/232	Eichrom ACW10	Alpha Spectroscopy
Water, Soil, Sludge, Waste, Biota, Filters	All Gamma Emitting Isotopes	901.1 and 901.1M	Gamma Spectrometer
Water, Soil, Sludge, Waste, Biota, Filters	Gross Alpha/Beta	900.0 and 900.0M	Gas Flow Proportional Counter
Water	Radium 226	903.0	Gas Flow Proportional Counter
Water	Radium 228	904.0	Gas Flow Proportional Counter
Water, Soil, Sludge, Waste, Biota, Filters	Strontium 89+90 (combined)	Eichrom SRW01	Gas Flow Proportional Counter
Water, Soil, Sludge, Waste, Biota, Filters	Strontium 90	HASL 300 Sr-03-RC	Gas Flow Proportional Counter

MATRIX	SPECIFIC TEST or GROUP OF ANALYTES	SPECIFICATION OR STANDARD METHOD (all EPA unless specified)	* KEY EQUIPMENT OR TECHNOLOGY USED
Water	Polonium 210	HASL 300 Po-01-RC	Gas Flow Proportional Counter
Water, Soil, Sludge, Waste, Biota, Filters	Polonium 210	HASL 300 Po-02-RC	Gas Flow Proportional Counter
Water	Lead 210	HASL 300 Pb-01-RC; Eichrom OTW01	Gas Flow Proportional Counter
Solid, Sludge, Waste, Biota, Filters	Lead 210	HASL 300 Pb-01-RC; Eichrom OTS01	Gas Flow Proportional Counter
Water	Technetium 99	Eichrom TCW01	Gas Flow Proportional Counter
Soil, Sludge, Waste, Biota, Filters	Technetium 99	Eichrom TCS01	Gas Flow Proportional Counter
Water, Soil	Tritium	906.0 and 906.0M	Liquid Scintillation Counter
Water	Nickel-63	Eichrom NIW01	Liquid Scintillation Counter
Water	Radium 226	903.1	Alpha Scintillation Counter with Lucas Cell Adapter
Water	Radon 222	910.1	Alpha Scintillation Counter with Lucas Cell Adapter

Notes:

1. ** = As Applicable*
2. *This scope is part of and must be included with the Certificate of Accreditation No. ADE- 1489*

Vice President

500 Montgomery St. Suite 625 | Alexandria, VA 22314 | 703-836-0025 | www.aclasscorp.com

DoD ELAP -- PT Performance Summary Review

Lab Name :	**ARS International**			
City/State :	Port Allen, LA			
PT Provider Used :	not available			
Matrix	EPA Analyte Code	Analyte	Method #	Analyte Approval
		Radioisotopes		
Water		Gross Alpha	EPA 900.0 and 900.0M	Approved
Water		Gross Beta	EPA 900.0 and 900.0M	Approved
Water		All gamma emitting isotopes	EPA 901.1 and 901.1M	Approved
Water		Americium 241	Eichrom ACW03 VBS	Approved
Water		Americium 243	Eichrom ACW03 VBS	Approved
Water		Curium 242	Eichrom ACW03 VBS	Approved
Water		Curium 244	Eichrom ACW03 VBS	Approved
Water		Lead 210	HASL 300 Pb-01-RC;	Approved
Water		Lead 210	Eichrom OTW01	Approved
Water		Nickel 63	Eichrom NIW01	Approved
Water		Plutonium 239	Eichrom ACW03 VBS	Approved
Water		Plutonium 240	Eichrom ACW03 VBS	Approved
Water		Polonium 210	HASL 300 Po-01-RC	Approved
Water		Polonium 210	HASL 300 Po-02-RC	Approved
Water		Radium 226	EPA 903.0 and 903.1	Approved
Water		Radium 228	EPA 904	Approved
Water		Radon 222	EPA 910.1	Approved
Water		Strontium 89+90 (combined)	Eichrom SRW01	Approved
Water		Strontium 90	HASL 300 Sr-03-RC	Approved
Water		Technetium	Eichrom TCW01	Approved
Water		Thorium 228	Eichrom ACW10	Approved
Water		Thorium 230	Eichrom ACW03	Approved
Water		Thorium 232	Eichrom ACW03	Approved
Water		Tritium	EPA 906.0 and 906.0M	Approved
Water		Uranium 234	Eichrom ACW03 VBS	Approved
Water		Uranium 235	Eichrom ACW03 VBS	Approved
Water		Uranium 238	Eichrom ACW03 VBS	Approved
Solid		Gross Alpha	EPA 900.0 and 900.0M	Approved
Solid		Gross Beta	EPA 900.0 and 900.0M	Approved
Solid		All gamma emitting isotopes	EPA 901.1 and 901.1M	Approved
Solid		Americium 241	Eichrom ACW03 VBS	Approved
Solid		Americium 243	Eichrom ACW03 VBS	Approved
Solid		Curium 242	Eichrom ACW03 VBS	Approved
Solid		Curium 244	Eichrom ACW03 VBS	Approved
Solid		Lead 210	HASL 300 Pb-01-RC;	Approved
Solid		Lead 210	Eichrom OTS01	Approved
Solid		Plutonium 239	Eichrom ACW03 VBS	Approved
Solid		Plutonium 240	Eichrom ACW03 VBS	Approved
Solid		Polonium 210	HASL 300 Po-02-RC	Approved
Solid		Radium 226	EPA 903.0 and 903.1	Approved
Solid		Radium 228	EPA 904	Approved
Solid		Radon 222	EPA 910.1	Approved
Solid		Strontium 89+90 (combined)	Eichrom SRW01	Approved
Solid		Strontium 90	HASL 300 Sr-03-RC	Approved
Solid		Technetium	Eichrom TCS01	Approved
Solid		Thorium 228	Eichrom ACW10	Approved
Solid		Thorium 230	Eichrom ACW03	Approved
Solid		Thorium 232	Eichrom ACW03	Approved
Solid		Tritium	EPA 906.0 and 906.0M	Approved
Solid		Uranium 234	Eichrom ACW03 VBS	Approved
Solid		Uranium 235	Eichrom ACW03 VBS	Approved
Solid		Uranium 238	Eichrom ACW03 VBS	Approved

LABORATORY ACCREDITATION BUREAU

Certificate # L2241

Scope of Accreditation For Davis & Floyd, Inc.

816 East Durst Avenue
Greenwood, SC 29648
Rudy Powell
1-864-229-4413

In recognition of a successful assessment to ISO/IEC 17025:2005 and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in the DoD Quality Systems Manual for Environmental Laboratories (DoD QSM v4.2) based on the National Environmental Laboratory Accreditation Conference Chapter 5 Quality Systems Standard (NELAC Voted Revision June 5, 2003), accreditation is granted to Davis & Floyd, Inc. to perform the following tests:

Accreditation granted through: **February 16, 2013**

Testing – Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
GC-ECD	608	4,4`-DDD
GC-ECD	608	4,4`-DDE
GC-ECD	608	4,4`-DDT
GC-ECD	608	Aldrin
GC-ECD	608	alpha-BHC (alpha-Hexachlorocyclohexane)
GC-ECD	608	Aroclor-1016 (PCB-1016)
GC-ECD	608	Aroclor-1221 (PCB-1221)
GC-ECD	608	Aroclor-1232 (PCB-1232)
GC-ECD	608	Aroclor-1242 (PCB-1242)
GC-ECD	608	Aroclor-1248 (PCB-1248)
GC-ECD	608	Aroclor-1254 (PCB-1254)
GC-ECD	608	Aroclor-1260 (PCB-1260)
GC-ECD	608	beta-BHC (beta-Hexachlorocyclohexane)
GC-ECD	608	Chlordane (tech.)
GC-ECD	608	delta-BHC
GC-ECD	608	Dieldrin
GC-ECD	608	Endosulfan I
GC-ECD	608	Endosulfan II
GC-ECD	608	Endosulfan sulfate

Non-Potable Water		
Technology	**Method**	**Analyte**
GC-ECD	608	Endrin aldehyde
GC-ECD	608	Endrin
GC-ECD	608	gamma-BHC (Lindane gamma-Hexachlorocyclohexane)
GC-ECD	608	Heptachlor epoxide
GC-ECD	608	Heptachlor
GC-ECD	608	Methoxychlor
GC-ECD	608	Toxaphene (Chlorinated camphene)
GC/ECD	8081B	4,4`-DDD
GC/ECD	8081B	4,4`-DDE
GC/ECD	8081B	4,4`-DDT
GC/ECD	8081B	Aldrin
GC/ECD	8081B	alpha-BHC (alpha-Hexachlorocyclohexane)
GC/ECD	8081B	beta-BHC (beta-Hexachlorocyclohexane)
GC/ECD	8081B	Chlordane (tech.)
GC/ECD	8081B	delta-BHC
GC/ECD	8081B	Dieldrin
GC/ECD	8081B	Endosulfan I
GC/ECD	8081B	Endosulfan II
GC/ECD	8081B	Endosulfan sulfate
GC/ECD	8081B	Endrin aldehyde
GC/ECD	8081B	Endrin ketone
GC/ECD	8081B	Endrin
GC/ECD	8081B	gamma-BHC (Lindane gamma-Hexachlorocyclohexane)
GC/ECD	8081B	Heptachlor epoxide
GC/ECD	8081B	Heptachlor
GC/ECD	8081B	Hexachlorobenzene
GC/ECD	8081B	Isodrin
GC/ECD	8081B	Methoxychlor
GC/ECD	8081B	Mirex
GC/ECD	8081B	Toxaphene (Chlorinated camphene)
GC/ECD	8082A	Aroclor-1016 (PCB-1016)
GC/ECD	8082A	Aroclor-1221 (PCB-1221)
GC/ECD	8082A	Aroclor-1232 (PCB-1232)
GC/ECD	8082A	Aroclor-1242 (PCB-1242)
GC/ECD	8082A	Aroclor-1248 (PCB-1248)
GC/ECD	8082A	Aroclor-1254 (PCB-1254)
GC/ECD	8082A	Aroclor-1260 (PCB-1260)

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/ECD	8151A	2,4,5-T
GC/ECD	8151A	2,4-D
GC/ECD	8151A	Silvex (2,4,5-TP)
GC/FID	FL-PRO	Total Recoverable Petroleum Hydrocarbons
GC/FID	8015C	Diesel range organics (DRO)
GC/FID	8015C	Methanol
GC/FID	8015C	1-Butanol (n-Butyl alcohol)
GC/FID	8015C	1-Propanol
GC/FID	8015C	Allyl alcohol
GC/FID	8015C	Ethanol
GC/FID	8015C	Ethylene glycol
GC/FID	8015C	Isobutyl alcohol
GC/FID	8015C	t-Butyl alcohol
GC/MS	624	1,1,1-Trichloroethane
GC/MS	624	1,1,2,2-Tetrachloroethane
GC/MS	624	1,1,2-Trichloroethane
GC/MS	624	1,1-Dichloroethane
GC/MS	624	1,1-Dichloroethylene
GC/MS	624	1,2-Dichlorobenzene
GC/MS	624	1,2-Dichloroethane
GC/MS	624	1,2-Dichloropropane
GC/MS	624	1,3-Dichlorobenzene
GC/MS	624	1,4-Dichlorobenzene
GC/MS	624	2-Chloroethyl vinyl ether
GC/MS	624	Benzene
GC/MS	624	Bromodichloromethane
GC/MS	624	Bromoform
GC/MS	624	Carbon tetrachloride
GC/MS	624	Chlorobenzene
GC/MS	624	Chloroethane
GC/MS	624	Chloroform
GC/MS	624	cis-1,3-Dichloropropene
GC/MS	624	Dibromochloromethane
GC/MS	624	Ethylbenzene
GC/MS	624	Methyl bromide (Bromomethane)
GC/MS	624	Methyl chloride (Chloromethane)
GC/MS	624	Methylene chloride

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	624	Tetrachloroethylene (Perchloroethylene)
GC/MS	624	Toluene
GC/MS	624	trans-1,2-Dichloroethylene
GC/MS	624	trans-1,3-Dichloropropylene
GC/MS	624	Trichloroethene (Trichloroethylene)
GC/MS	624	Trichlorofluoromethane
GC/MS	624	Vinyl chloride
GC/MS	625	1,2,4-Trichlorobenzene
GC/MS	625	2,3-Dichloroaniline
GC/MS	625	1,2-Dichlorobenzene
GC/MS	625	1,3-Dichlorobenzene
GC/MS	625	1,4-Dichlorobenzene
GC/MS	625	2,4,6-Trichlorophenol
GC/MS	625	2,4-Dichlorophenol
GC/MS	625	2,4-Dimethylphenol
GC/MS	625	2,4-Dinitrophenol
GC/MS	625	2,4-Dinitrotoluene (2,4-DNT)
GC/MS	625	2,6-Dinitrotoluene (2,6-DNT)
GC/MS	625	2-Chloronaphthalene
GC/MS	625	2-Chlorophenol
GC/MS	625	2-Methyl-4,6-dinitrophenol
GC/MS	625	2-Nitrophenol
GC/MS	625	3,3`-Dichlorobenzidine
GC/MS	625	4-Bromophenyl phenyl ether
GC/MS	625	4-Chloro-3-methylphenol
GC/MS	625	4-Chlorophenyl phenylether
GC/MS	625	4-Nitrophenol
GC/MS	625	Acenaphthene
GC/MS	625	Acenaphthylene
GC/MS	625	Anthracene
GC/MS	625	Benzidine
GC/MS	625	Benzo(a)anthracene
GC/MS	625	Benzo(a)pyrene
GC/MS	625	Benzo(b)fluoranthene
GC/MS	625	Benzo(g,h,i)perylene
GC/MS	625	Benzo(k)fluoranthene
GC/MS	625	bis(2-Chloroethoxy)methane

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	625	bis(2-Chloroethyl) ether
GC/MS	625	bis(2-Chloroisopropyl) ether (2,2`-Oxybis(1-chloropropane))
GC/MS	625	bis(2-Ethylhexyl) phthalate (DEHP)
GC/MS	625	Butyl benzyl phthalate
GC/MS	625	Carbazole
GC/MS	625	Chrysene
GC/MS	625	Dibenz(a,h)anthracene
GC/MS	625	Diethyl phthalate
GC/MS	625	Dimethyl phthalate
GC/MS	625	Di-n-butyl phthalate
GC/MS	625	Di-n-octyl phthalate
GC/MS	625	Fluoranthene
GC/MS	625	Fluorene
GC/MS	625	Hexachlorobenzene
GC/MS	625	Hexachlorobutadiene
GC/MS	625	Hexachlorocyclopentadiene
GC/MS	625	Hexachloroethane
GC/MS	625	Indeno(1,2,3-cd)pyrene
GC/MS	625	Isophorone
GC/MS	625	n-Decane
GC/MS	625	Naphthalene
GC/MS	625	Nitrobenzene
GC/MS	625	n-Nitrosodimethylamine
GC/MS	625	n-Nitrosodi-n-propylamine
GC/MS	625	n-Nitrosodiphenylamine
GC/MS	625	n-Octadecane
GC/MS	625	Pentachlorophenol
GC/MS	625	Phenanthrene
GC/MS	625	Phenol
GC/MS	625	Pyrene
GC/MS	8260B	1,1,1,2-Tetrachloroethane
GC/MS	8260B	1,1,1-Trichloroethane
GC/MS	8260B	1,1,2,2-Tetrachloroethane
GC/MS	8260B	1,1,2-Trichloroethane
GC/MS	8260B	1,1-Dichloroethane
GC/MS	8260B	1,1-Dichloroethylene
GC/MS	8260B	1,1-Dichloropropene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	8260B	1,2,3-Trichlorobenzene
GC/MS	8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane
GC/MS	8260B	1,2,3-Trichloropropane
GC/MS	8260B	1,2,4-Trichlorobenzene
GC/MS	8260B	1,2,4-Trimethylbenzene
GC/MS	8260B	1,2-Dibromo-3-chloropropane (DBCP)
GC/MS	8260B	1,2-Dibromoethane (EDB Ethylene dibromide)
GC/MS	8260B	1,2-Dichlorobenzene
GC/MS	8260B	1,2-Dichloroethane
GC/MS	8260B	1,2-Dichloropropane
GC/MS	8260B	1,3,5-Trimethylbenzene
GC/MS	8260B	1,3-Dichlorobenzene
GC/MS	8260B	1,3-Dichloropropane
GC/MS	8260B	1,4-Dichlorobenzene
GC/MS	8260B	2,2-Dichloropropane
GC/MS	8260B	2-Butanone (Methyl ethyl ketone MEK)
GC/MS	8260B	2-Chloroethyl vinyl ether
GC/MS	8260B	2-Chlorotoluene
GC/MS	8260B	2-Hexanone
GC/MS	8260B	4-Chlorotoluene
GC/MS	8260B	4-Methyl-2-pentanone (MIBK)
GC/MS	8260B	Acetone
GC/MS	8260B	Acetonitrile
GC/MS	8260B	Acrolein (Propenal)
GC/MS	8260B	Acrylonitrile
GC/MS	8260B	Allyl chloride (3-Chloropropene)
GC/MS	8260B	Benzene
GC/MS	8260B	Bromobenzene
GC/MS	8260B	Bromochloromethane
GC/MS	8260B	Bromodichloromethane
GC/MS	8260B	Bromoform
GC/MS	8260B	Carbon disulfide
GC/MS	8260B	Carbon tetrachloride
GC/MS	8260B	Chlorobenzene
GC/MS	8260B	Chloroethane
GC/MS	8260B	Chloroform
GC/MS	8260B	Chloroprene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	8260B	Cyclohexane
GC/MS	8260B	cis-1,2-Dichloroethylene
GC/MS	8260B	cis-1,3-Dichloropropene
GC/MS	8260B	cis-1,4-Dichloro-2-butene
GC/MS	8260B	Dibromochloromethane
GC/MS	8260B	Dibromomethane
GC/MS	8260B	Dichlorodifluoromethane
GC/MS	8260B	Ethyl acetate
GC/MS	8260B	Ethyl methacrylate
GC/MS	8260B	Ethylbenzene
GC/MS	8260B	Hexachlorobutadiene
GC/MS	8260B	Hexane
GC/MS	8260B	Iodomethane (Methyl iodide)
GC/MS	8260B	Isobutyl alcohol (2-Methyl-1-propanol)
GC/MS	8260B	Isopropylbenzene
GC/MS	8260B	m+p-Xylenes
GC/MS	8260B	Methacrylonitrile
GC/MS	8260B	Methyl Acetate
GC/MS	8260B	Methyl bromide (Bromomethane)
GC/MS	8260B	Methyl chloride (Chloromethane)
GC/MS	8260B	Methyl Cyclohexane
GC/MS	8260B	Methyl methacrylate
GC/MS	8260B	Methyl tert-butyl ether (MTBE)
GC/MS	8260B	Methylene chloride
GC/MS	8260B	Naphthalene
GC/MS	8260B	n-Butylbenzene
GC/MS	8260B	n-Propylbenzene
GC/MS	8260B	o-Xylene
GC/MS	8260B	p-Dioxane
GC/MS	8260B	Pentachloroethane
GC/MS	8260B	p-Isopropyltoluene
GC/MS	8260B	Propionitrile (Ethyl cyanide)
GC/MS	8260B	sec-Butylbenzene
GC/MS	8260B	Styrene
GC/MS	8260B	tert-Butylbenzene
GC/MS	8260B	Tetrachloroethylene (Perchloroethylene)
GC/MS	8260B	Tetrahydrofuran

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	8260B	Toluene
GC/MS	8260B	trans-1,2-Dichloroethylene
GC/MS	8260B	trans-1,3-Dichloropropylene
GC/MS	8260B	trans-1,4-Dichloro-2-butene
GC/MS	8260B	Trichloroethene (Trichloroethylene)
GC/MS	8260B	Trichlorofluoromethane
GC/MS	8260B	Vinyl acetate
GC/MS	8260B	Vinyl chloride
GC/MS	8260B	Xylene (total)
GC/MS	8270D	1,2,4,5-Tetrachlorobenzene
GC/MS	8270D	1,2,4-Trichlorobenzene
GC/MS	8270D	1,2-Dichlorobenzene
GC/MS	8270D	1,2-Diphenylhydrazine
GC/MS	8270D	1,3,5-Trinitrobenzene (1,3,5-TNB)
GC/MS	8270D	1,3-Dichlorobenzene
GC/MS	8270D	1,3-Dinitrobenzene (1,3-DNB)
GC/MS	8270D	1,4-Dichlorobenzene
GC/MS	8270D	1,4-Dinitrobenzene
GC/MS	8270D	1,4-Naphthoquinone
GC/MS	8270D	1,4-Phenylenediamine
GC/MS	8270D	1,1-Biphenyl
GC/MS	8270D	1-Naphthylamine
GC/MS	8270D	2,3,4,6-Tetrachlorophenol
GC/MS	8270D	2,4,5-Trichlorophenol
GC/MS	8270D	2,4,6-Trichlorophenol
GC/MS	8270D	2,4-Dichlorophenol
GC/MS	8270D	2,4-Dimethylphenol
GC/MS	8270D	2,4-Dinitrophenol
GC/MS	8270D	2,4-Dinitrotoluene (2,4-DNT)
GC/MS	8270D	2,6-Dichlorophenol
GC/MS	8270D	2,6-Dinitrotoluene (2,6-DNT)
GC/MS	8270D	2-Acetylaminofluorene
GC/MS	8270D	2-Chloronaphthalene
GC/MS	8270D	2-Chlorophenol
GC/MS	8270D	2-Methyl-4,6-dinitrophenol
GC/MS	8270D	2-Methylnaphthalene
GC/MS	8270D	2-Methylphenol (o-Cresol)

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	8270D	2-Naphthylamine
GC/MS	8270D	2-Nitroaniline
GC/MS	8270D	2-Nitrophenol
GC/MS	8270D	2-Picoline (2-Methylpyridine)
GC/MS	8270D	3,3`-Dichlorobenzidine
GC/MS	8270D	3,3`-Dimethylbenzidine
GC/MS	8270D	3-Methylcholanthrene
GC/MS	8270D	3-Methylphenol
GC/MS	8270D	3-Nitroaniline
GC/MS	8270D	4-Aminobiphenyl
GC/MS	8270D	4-Bromophenyl phenyl ether
GC/MS	8270D	4-Chloro-3-methylphenol
GC/MS	8270D	4-Chloroaniline
GC/MS	8270D	4-Chlorophenyl phenylether
GC/MS	8270D	4-Dimethyl aminoazobenzene
GC/MS	8270D	4-Methylphenol (p-Cresol)
GC/MS	8270D	4-Nitroaniline
GC/MS	8270D	4-Nitrophenol
GC/MS	8270D	4-Nitroquinoline-1-oxide
GC/MS	8270D	5-Nitro-o-toluidine
GC/MS	8270D	7,12-Dimethylbenz(a) anthracene
GC/MS	8270D	a-a-Dimethylphenethylamine
GC/MS	8270D	Acenaphthene
GC/MS	8270D	Acenaphthylene
GC/MS	8270D	Acetophenone
GC/MS	8270D	Aniline
GC/MS	8270D	Anthracene
GC/MS	8270D	Aramite
GC/MS	8270D	Atrazine
GC/MS	8270D	Benzaldehyde
GC/MS	8270D	Benzidine
GC/MS	8270D	Benzo(a)anthracene
GC/MS	8270D	Benzo(a)pyrene
GC/MS	8270D	Benzo(b)fluoranthene
GC/MS	8270D	Benzo(g,h,i)perylene
GC/MS	8270D	Benzo(k)fluoranthene
GC/MS	8270D	Benzoic acid

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	8270D	Benzyl alcohol
GC/MS	8270D	bis(2-Chloroethoxy)methane
GC/MS	8270D	bis(2-Chloroethyl) ether
GC/MS	8270D	bis(2-Chloroisopropyl) ether (2,2`-Oxybis(1-chloropropane))
GC/MS	8270D	bis(2-Ethylhexyl) phthalate (DEHP)
GC/MS	8270D	Butyl benzyl phthalate
GC/MS	8270D	Caprolactum
GC/MS	8270D	Carbazole
GC/MS	8270D	Chlorobenzilate
GC/MS	8270D	Chrysene
GC/MS	8270D	Diallate
GC/MS	8270D	Dibenz(a,h)anthracene
GC/MS	8270D	Dibenzofuran
GC/MS	8270D	Diethyl phthalate
GC/MS	8270D	Dimethoate
GC/MS	8270D	Dimethyl phthalate
GC/MS	8270D	Diphenyl ether
GC/MS	8270D	Di-n-butyl phthalate
GC/MS	8270D	Di-n-octyl phthalate
GC/MS	8270D	Dinoseb (2-sec-butyl-4,6-dinitrophenol DNBP)
GC/MS	8270D	Disulfoton
GC/MS	8270D	Ethyl methanesulfonate
GC/MS	8270D	Famphur
GC/MS	8270D	Fluoranthene
GC/MS	8270D	Fluorene
GC/MS	8270D	Hexachlorobenzene
GC/MS	8270D	Hexachlorobutadiene
GC/MS	8270D	Hexachlorocyclopentadiene
GC/MS	8270D	Hexachloroethane
GC/MS	8270D	Hexachlorophene
GC/MS	8270D	Hexachloropropene
GC/MS	8270D	Indeno(1,2,3-cd)pyrene
GC/MS	8270D	Isodrin
GC/MS	8270D	Isophorone
GC/MS	8270D	Isosafrole
GC/MS	8270D	Kepone
GC/MS	8270D	Methapyrilene

Non-Potable Water		
Technology	**Method**	**Analyte**
GC/MS	8270D	Methyl methanesulfonate
GC/MS	8270D	Methyl parathion (Parathion methyl)
GC/MS	8270D	Naphthalene
GC/MS	8270D	Nitrobenzene
GC/MS	8270D	n-Nitrosodiethylamine
GC/MS	8270D	n-Nitrosodimethylamine
GC/MS	8270D	n-Nitroso-di-n-butylamine
GC/MS	8270D	n-Nitroso-di-n-propylamine
GC/MS	8270D	n-Nitrosodiphenylamine
GC/MS	8270D	n-Nitrosomethylethylamine
GC/MS	8270D	n-Nitrosomorpholine
GC/MS	8270D	n-Nitrosopiperidine
GC/MS	8270D	n-Nitrosopyrrolidine
GC/MS	8270D	o,o,o-Triethyl phosphorothioate
GC/MS	8270D	o-Toluidine
GC/MS	8270D	Parathion ethyl
GC/MS	8270D	Pentachlorobenzene
GC/MS	8270D	Pentachloronitrobenzene
GC/MS	8270D	Pentachlorophenol
GC/MS	8270D	Phenacetin
GC/MS	8270D	Phenanthrene
GC/MS	8270D	Phenol
GC/MS	8270D	Phorate
GC/MS	8270D	Pronamide (Kerb)
GC/MS	8270D	Pyrene
GC/MS	8270D	Pyridine
GC/MS	8270D	Safrole
GC/MS	8270D	Sulfotepp (Tetraethyl dithiopyrophosphate)
GC/MS	8270D	Thionazin (Zinophos)
GC/MS	8270D	Tetra pyrophosphate (TEPP)
Colorimetric	353.2	Nitrate as N
Colorimetric	353.2	Nitrate-nitrite
Colorimetric	353.2	Nitrite as N
Colorimetric	9251	Chloride
Colorimetric	HACH 8000	Chemical oxygen demand
Colorimetric	SM 4500-CN G (20th Ed.)	Amenable cyanide
Colorimetric	SM 5540 C (20th Ed.)	Surfactants - MBAS

Non-Potable Water		
Technology	**Method**	**Analyte**
Colormetirc	SM 2120C (20th Ed.)	Color
Colormetric	SM 4500-S^{2-} D (20th Ed.)	Sulfide
Membrane Electrode	SM 5210B (20th Ed.)	Biochemical oxygen demand
Membrane Electrode	SM 4500 –O G	Dissolved Oxygen
Combustion-Infrared	SM 5310B (20th Ed.)	Total organic carbon
Wheatstone Bridge	120.1	Specific conductance
Gravimetric	160.4	Residue-volatile
Gravimetric	1664A	Oil & Grease
Gravimetric	1664A	Total Petroleum Hydrocarbons (TPH)
Gravimetric	9070A	Oil & Grease
Gravimetric	SM 2540 B (20th Ed.)	Residue-total
Gravimetric	SM 2540 C (20th Ed.)	Residue-filterable (TDS)
Gravimetric	SM 2540 D (20th Ed.)	Residue-nonfilterable (TSS)
Gravimetric	SM 2550 G (20th Ed.)	Total, fixed, and volatile solids
Visual Comparison	SM 2120B (20th Ed.)	Color
Ion Chromatography	300.0	Bromide
Ion Chromatography	300.0	Chloride
Ion Chromatography	300.0	Fluoride
Ion Chromatography	300.0	Nitrate as N
Ion Chromatography	300.0	Nitrite as N
Ion Chromatography	300.0	Ortho-Phosphate as P
Ion Chromatography	300.0	Sulfate
Ion Chromatography	9056A	Chloride
Ion Chromatography	9056A	Fluoride
Ion Chromatography	9056A	Nitrate
Ion Chromatography	9056A	Nitrite
Ion Chromatography	9056A	Ortho-Phosphate
Ion Chromatography	9056A	Sulfate
Mercury Thermometer	SM 2550B (18th Ed)	Temperature
CVAA	245.1	Mercury
CVAA	245.2	Mercury
CVAA	7470A	Mercury
ICP-AES	200.7	Aluminum
ICP-AES	200.7	Antimony
ICP-AES	200.7	Arsenic
ICP-AES	200.7	Barium
ICP-AES	200.7	Beryllium

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-AES	200.7	Boron
ICP-AES	200.7	Cadmium
ICP-AES	200.7	Calcium
ICP-AES	200.7	Chromium
ICP-AES	200.7	Cobalt
ICP-AES	200.7	Copper
ICP-AES	200.7	Iron
ICP-AES	200.7	Lead
ICP-AES	200.7	Magnesium
ICP-AES	200.7	Manganese
ICP-AES	200.7	Molybdenum
ICP-AES	200.7	Nickel
ICP-AES	200.7	Potassium
ICP-AES	200.7	Selenium
ICP-AES	200.7	Silicon
ICP-AES	200.7	Silver
ICP-AES	200.7	Sodium
ICP-AES	200.7	Thallium
ICP-AES	200.7	Tin
ICP-AES	200.7	Titanium
ICP-AES	200.7	Vanadium
ICP-AES	200.7	Zinc
ICP-AES	6010C	Aluminum
ICP-AES	6010C	Antimony
ICP-AES	6010C	Arsenic
ICP-AES	6010C	Barium
ICP-AES	6010C	Beryllium
ICP-AES	6010C	Bismuth
ICP-AES	6010C	Boron
ICP-AES	6010C	Cadmium
ICP-AES	6010C	Calcium
ICP-AES	6010C	Chromium
ICP-AES	6010C	Cobalt
ICP-AES	6010C	Copper
ICP-AES	6010C	Iron
ICP-AES	6010C	Lead
ICP-AES	6010C	Lithium

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP-AES	6010C	Magnesium
ICP-AES	6010C	Manganese
ICP-AES	6010C	Molybdenum
ICP-AES	6010C	Nickel
ICP-AES	6010C	Phosphorus
ICP-AES	6010C	Potassium
ICP-AES	6010C	Selenium
ICP-AES	6010C	Silicon
ICP-AES	6010C	Silver
ICP-AES	6010C	Sodium
ICP-AES	6010C	Strontium
ICP-AES	6010C	Sulfur
ICP-AES	6010C	Thallium
ICP-AES	6010C	Thorium
ICP-AES	6010C	Tin
ICP-AES	6010C	Titanium
ICP-AES	6010C	Uranium
ICP-AES	6010C	Vanadium
ICP-AES	6010C	Zinc
ISE	9040C	Corrosivity (pH)
ISE	9040C	pH
ISE	9050A	Conductivity
ISE	SM 4500 F-C (20th Ed.)	Fluoride
ISE	SM 4500-Cl G (20th Ed.)	Residual free chlorine
ISE	SM 4500-H+-B (20th Ed.)	pH
Physical	1010A	Ignitability
Probe21	9040C	pH
Titration	SM 2320 B (20th Ed.)	Alkalinity as CaCO3
Titration	SM 2340 B (20th Ed.)	Hardness
Titration	SM 4500-CL E (20th Ed.)	Chloride
Titration	SM 4500-NH3 E (18th Ed.)/TITR	Ammonia as N
TOC	9060A	Total organic carbon
Turbidimetric	180.1	Turbidity
Turbidimetric	9038	Sulfate
UV/VIS	SM 4500-SO_4^{2-} E (20th Ed.)	Sulfate
UV/VIS	420.1	Total phenolics
UV/VIS	7196A	Chromium VI

Non-Potable Water

Technology	Method	Analyte
UV/VIS	9012B	Total cyanide
UV/VIS	9065	Total phenolics
UV/VIS	LACHAT 10-204-00-1-X	Total cyanide
UV/VIS	SM 3500-Cr B (20th Ed.)/UV-VIS	Chromium VI
UV/VIS	SM 426 C (15th ed.)	Sulfate
UV/VIS	SM 4500-NH3C (18th Ed.)	Ammonia as N
UV/VIS	SM 4500-NH3C (18th Ed.)	Kjeldahl nitrogen - total
UV/VIS	SM 4500-P E (20th Ed.)	Orthophosphate as P
UV/VIS	SM 4500-P E (20th Ed.)	Phosphorus total
UV/VIS	SM 4500-S D (20th Ed.) /UV-VIS	Sulfide
Preparation	**Method**	**Type**
Organic Preparation	3510C	Separatory Funnel
Inorganic Preparation	3005A	Hotblock
Inorganic Preparation	3010A	Hotblock
Inorganic Preparation	SM 3030C	Hotblock
Volatile Organic Preparation	5030B	Purge and Trap

Solid and Chemical Materials

Technology	Method	Analyte
GC/ECD	8081B	4,4`-DDD
GC/ECD	8081B	4,4`-DDE
GC/ECD	8081B	4,4`-DDT
GC/ECD	8081B	Aldrin
GC/ECD	8081B	alpha-BHC (alpha-Hexachlorocyclohexane)
GC/ECD	8081B	beta-BHC (beta-Hexachlorocyclohexane)
GC/ECD	8081B	Chlordane (tech.)
GC/ECD	8081B	delta-BHC
GC/ECD	8081B	Dieldrin
GC/ECD	8081B	Endosulfan I
GC/ECD	8081B	Endosulfan II
GC/ECD	8081B	Endosulfan sulfate
GC/ECD	8081B	Endrin aldehyde
GC/ECD	8081B	Endrin ketone
GC/ECD	8081B	Endrin
GC/ECD	8081B	gamma-BHC (Lindane gamma-Hexachlorocyclohexane)

Solid and Chemical Materials

Technology	Method	Analyte
GC/ECD	8081B	Heptachlor epoxide
GC/ECD	8081B	Heptachlor
GC/ECD	8081B	Hexachlorobenzene
GC/ECD	8081B	Isodrin
GC/ECD	8081B	Methoxychlor
GC/ECD	8081B	Mirex
GC/ECD	8081B	Toxaphene (Chlorinated camphene)
GC/ECD	8082A	Aroclor-1016 (PCB-1016)
GC/ECD	8082A	Aroclor-1221 (PCB-1221)
GC/ECD	8082A	Aroclor-1232 (PCB-1232)
GC/ECD	8082A	Aroclor-1242 (PCB-1242)
GC/ECD	8082A	Aroclor-1248 (PCB-1248)
GC/ECD	8082A	Aroclor-1254 (PCB-1254)
GC/ECD	8082A	Aroclor-1260 (PCB-1260)
GC/ECD	8151A	2,4,5-T
GC/ECD	8151A	2,4-D
GC/ECD	8151A	Silvex (2,4,5-TP)
GC/FID	8015C	Diesel range organics (DRO)
GC/FID	8015C	Ethylene glycol
GC/FID	8015C	Methanol
GC/FID	8015C	1-Butanol (n-Butyl alcohol)
GC/FID	8015C	1-Propanol
GC/FID	8015C	Allyl alcohol
GC/FID	8015C	Ethanol
GC/FID	8015C	Isobutyl alcohol
GC/FID	8015C	t-Butyl alcohol
GC/MS	8260B	1,1,1,2-Tetrachloroethane
GC/MS	8260B	1,1,1-Trichloroethane
GC/MS	8260B	1,1,2,2-Tetrachloroethane
GC/MS	8260B	1,1,2-Trichloroethane
GC/MS	8260B	1,1-Dichloroethane
GC/MS	8260B	1,1-Dichloroethylene
GC/MS	8260B	1,1-Dichloropropene
GC/MS	8260B	1,2,3-Trichlorobenzene
GC/MS	8260B	1,1,2-Trichloro-1,2,2-Trifluoroethane
GC/MS	8260B	1,2,3-Trichloropropane
GC/MS	8260B	1,2,4-Trichlorobenzene

Solid and Chemical Materials

Technology	Method	Analyte
GC/MS	8260B	1,2,4-Trimethylbenzene
GC/MS	8260B	1,2-Dibromo-3-chloropropane (DBCP)
GC/MS	8260B	1,2-Dibromoethane (EDB Ethylene dibromide)
GC/MS	8260B	1,2-Dichlorobenzene
GC/MS	8260B	1,2-Dichloroethane
GC/MS	8260B	1,2-Dichloropropane
GC/MS	8260B	1,3,5-Trimethylbenzene
GC/MS	8260B	1,3-Dichlorobenzene
GC/MS	8260B	1,3-Dichloropropane
GC/MS	8260B	1,4-Dichlorobenzene
GC/MS	8260B	2,2-Dichloropropane
GC/MS	8260B	2-Butanone (Methyl ethyl ketone MEK)
GC/MS	8260B	2-Chloroethyl vinyl ether
GC/MS	8260B	2-Chlorotoluene
GC/MS	8260B	2-Hexanone
GC/MS	8260B	4-Chlorotoluene
GC/MS	8260B	4-Methyl-2-pentanone (MIBK)
GC/MS	8260B	Acetone
GC/MS	8260B	Acetonitrile
GC/MS	8260B	Acrolein (Propenal)
GC/MS	8260B	Acrylonitrile
GC/MS	8260B	Allyl chloride (3-Chloropropene)
GC/MS	8260B	Benzene
GC/MS	8260B	Bromobenzene
GC/MS	8260B	Bromochloromethane
GC/MS	8260B	Bromodichloromethane
GC/MS	8260B	Bromoform
GC/MS	8260B	Carbon disulfide
GC/MS	8260B	Carbon tetrachloride
GC/MS	8260B	Chlorobenzene
GC/MS	8260B	Chloroethane
GC/MS	8260B	Chloroform
GC/MS	8260B	Chloroprene
GC/MS	8260B	Cyclohexane
GC/MS	8260B	cis-1,2-Dichloroethylene
GC/MS	8260B	cis-1,3-Dichloropropene
GC/MS	8260B	cis-1,4-Dichloro-2-butene

Solid and Chemical Materials

Technology	Method	Analyte
GC/MS	8260B	Dibromochloromethane
GC/MS	8260B	Dibromomethane
GC/MS	8260B	Dichlorodifluoromethane
GC/MS	8260B	Ethyl methacrylate
GC/MS	8260B	Ethylbenzene
GC/MS	8260B	Hexachlorobutadiene
GC/MS	8260B	Hexane
GC/MS	8260B	Iodomethane (Methyl iodide)
GC/MS	8260B	Isobutyl alcohol (2-Methyl-1-propanol)
GC/MS	8260B	Isopropylbenzene
GC/MS	8260B	Methacrylonitrile
GC/MS	8260B	Methyl Acetate
GC/MS	8260B	Methyl bromide (Bromomethane)
GC/MS	8260B	Methyl chloride (Chloromethane)
GC/MS	8260B	Methyl Cyclohexane
GC/MS	8260B	Methyl methacrylate
GC/MS	8260B	Methyl tert-butyl ether (MTBE)
GC/MS	8260B	Methylene chloride
GC/MS	8260B	Naphthalene
GC/MS	8260B	n-Butylbenzene
GC/MS	8260B	n-Propylbenzene
GC/MS	8260B	p-Dioxane
GC/MS	8260B	Pentachloroethane
GC/MS	8260B	p-Isopropyltoluene
GC/MS	8260B	Propionitrile (Ethyl cyanide)
GC/MS	8260B	sec-Butylbenzene
GC/MS	8260B	Styrene
GC/MS	8260B	tert-Butylbenzene
GC/MS	8260B	Tetrachloroethylene (Perchloroethylene)
GC/MS	8260B	Tetrahydrofuran
GC/MS	8260B	Toluene
GC/MS	8260B	trans-1,2-Dichloroethylene
GC/MS	8260B	trans-1,3-Dichloropropylene
GC/MS	8260B	trans-1,4-Dichloro-2-butene
GC/MS	8260B	Trichloroethene (Trichloroethylene)
GC/MS	8260B	Trichlorofluoromethane
GC/MS	8260B	Vinyl acetate

Solid and Chemical Materials

Technology	Method	Analyte
GC/MS	8260B	Vinyl chloride
GC/MS	8260B	Xylene (total)
GC/MS	8270D	1,2,4,5-Tetrachlorobenzene
GC/MS	8270D	1,2,4-Trichlorobenzene
GC/MS	8270D	1,2-Dichlorobenzene
GC/MS	8270D	1,2-Diphenylhydrazine
GC/MS	8270D	1,3,5-Trinitrobenzene (1,3,5-TNB)
GC/MS	8270D	1,3-Dichlorobenzene
GC/MS	8270D	1,3-Dinitrobenzene (1,3-DNB)
GC/MS	8270D	1,4-Dichlorobenzene
GC/MS	8270D	1,4-Naphthoquinone
GC/MS	8270D	1,4-Phenylenediamine
GC/MS	8270D	1,1-Biphenyl
GC/MS	8270D	1-Naphthylamine
GC/MS	8270D	2,3,4,6-Tetrachlorophenol
GC/MS	8270D	2,4,5-Trichlorophenol
GC/MS	8270D	2,4,6-Trichlorophenol
GC/MS	8270D	2,4-Dichlorophenol
GC/MS	8270D	2,4-Dimethylphenol
GC/MS	8270D	2,4-Dinitrophenol
GC/MS	8270D	2,4-Dinitrotoluene (2,4-DNT)
GC/MS	8270D	2,6-Dichlorophenol
GC/MS	8270D	2,6-Dinitrotoluene (2,6-DNT)
GC/MS	8270D	2-Acetylaminofluorene
GC/MS	8270D	2-Chloronaphthalene
GC/MS	8270D	2-Chlorophenol
GC/MS	8270D	2-Methyl-4,6-dinitrophenol
GC/MS	8270D	2-Methylnaphthalene
GC/MS	8270D	2-Methylphenol (o-Cresol)
GC/MS	8270D	2-Naphthylamine
GC/MS	8270D	2-Nitroaniline
GC/MS	8270D	2-Nitrophenol
GC/MS	8270D	2-Picoline (2-Methylpyridine)
GC/MS	8270D	3,3`-Dichlorobenzidine
GC/MS	8270D	3,3`-Dimethylbenzidine
GC/MS	8270D	3-Methylcholanthrene
GC/MS	8270D	3-Methylphenol

Solid and Chemical Materials

Technology	Method	Analyte
GC/MS	8270D	3-Nitroaniline
GC/MS	8270D	4-Aminobiphenyl
GC/MS	8270D	4-Bromophenyl phenyl ether
GC/MS	8270D	4-Chloro-3-methylphenol
GC/MS	8270D	4-Chloroaniline
GC/MS	8270D	4-Chlorophenyl phenylether
GC/MS	8270D	4-Dimethyl aminoazobenzene
GC/MS	8270D	4-Methylphenol (p-Cresol)
GC/MS	8270D	4-Nitroaniline
GC/MS	8270D	4-Nitrophenol
GC/MS	8270D	4-Nitroquinoline-1-oxide
GC/MS	8270D	5-Nitro-o-toluidine
GC/MS	8270D	7,12-Dimethylbenz(a) anthracene
GC/MS	8270D	a-a-Dimethylphenethylamine
GC/MS	8270D	Acenaphthene
GC/MS	8270D	Acenaphthylene
GC/MS	8270D	Acetophenone
GC/MS	8270D	Aniline
GC/MS	8270D	Anthracene
GC/MS	8270D	Aramite
GC/MS	8270D	Atrazine
GC/MS	8270D	Benzaldehyde
GC/MS	8270D	Benzidine
GC/MS	8270D	Benzo(a)anthracene
GC/MS	8270D	Benzo(a)pyrene
GC/MS	8270D	Benzo(b)fluoranthene
GC/MS	8270D	Benzo(g,h,i)perylene
GC/MS	8270D	Benzo(k)fluoranthene
GC/MS	8270D	Benzoic acid
GC/MS	8270D	Benzyl alcohol
GC/MS	8270D	bis(2-Chloroethoxy)methane
GC/MS	8270D	bis(2-Chloroethyl) ether
GC/MS	8270D	bis(2-Chloroisopropyl) ether (2,2`-Oxybis(1-chloropropane))
GC/MS	8270D	bis(2-Ethylhexyl) phthalate (DEHP)
GC/MS	8270D	Butyl benzyl phthalate
GC/MS	8270D	Caprolactum

Solid and Chemical Materials

Technology	Method	Analyte
GC/MS	8270D	Carbazole
GC/MS	8270D	Chlorobenzilate
GC/MS	8270D	Chrysene
GC/MS	8270D	Diallate
GC/MS	8270D	Dibenz(a,h)anthracene
GC/MS	8270D	Dibenzofuran
GC/MS	8270D	Diethyl phthalate
GC/MS	8270D	Dimethoate
GC/MS	8270D	Dimethyl phthalate
GC/MS	8270D	Di-n-butyl phthalate
GC/MS	8270D	Diphenyl ether
GC/MS	8270D	Di-n-octyl phthalate
GC/MS	8270D	Dinoseb (2-sec-butyl-4,6-dinitrophenol DNBP)
GC/MS	8270D	Disulfoton
GC/MS	8270D	Ethyl methanesulfonate
GC/MS	8270D	Famphur
GC/MS	8270D	Fluoranthene
GC/MS	8270D	Fluorene
GC/MS	8270D	Hexachlorobenzene
GC/MS	8270D	Hexachlorobutadiene
GC/MS	8270D	Hexachlorocyclopentadiene
GC/MS	8270D	Hexachloroethane
GC/MS	8270D	Hexachlorophene
GC/MS	8270D	Hexachloropropene
GC/MS	8270D	Indeno(1,2,3-cd)pyrene
GC/MS	8270D	Isodrin
GC/MS	8270D	Isophorone
GC/MS	8270D	Isosafrole
GC/MS	8270D	Kepone
GC/MS	8270D	Methapyrilene
GC/MS	8270D	Methyl methanesulfonate
GC/MS	8270D	Methyl parathion (Parathion methyl)
GC/MS	8270D	Naphthalene
GC/MS	8270D	Nitrobenzene
GC/MS	8270D	n-Nitrosodiethylamine
GC/MS	8270D	n-Nitrosodimethylamine
GC/MS	8270D	n-Nitroso-di-n-butylamine

Solid and Chemical Materials

Technology	Method	Analyte
GC/MS	8270D	n-Nitroso-di-n-propylamine
GC/MS	8270D	n-Nitrosodiphenylamine
GC/MS	8270D	n-Nitrosomethylethylamine
GC/MS	8270D	n-Nitrosomorpholine
GC/MS	8270D	n-Nitrosopiperidine
GC/MS	8270D	n-Nitrosopyrrolidine
GC/MS	8270D	o,o,o-Triethyl phosphorothioate
GC/MS	8270D	o-Toluidine
GC/MS	8270D	Parathion ethyl
GC/MS	8270D	Pentachlorobenzene
GC/MS	8270D	Pentachloronitrobenzene
GC/MS	8270D	Pentachlorophenol
GC/MS	8270D	Phenacetin
GC/MS	8270D	Phenanthrene
GC/MS	8270D	Phenol
GC/MS	8270D	Phorate
GC/MS	8270D	Pronamide (Kerb)
GC/MS	8270D	Pyrene
GC/MS	8270D	Pyridine
GC/MS	8270D	Safrole
GC/MS	8270D	Sulfotepp (Tetraethyl dithiopyrophosphate)
GC/MS	8270D	Thionazin (Zinophos)
GC/MS	8270D	Tetra pyrophosphate (TEPP)
Colorimetric	9012B	Total cyanide
CVAA	7471B	Mercury
Gravimetric	9071B	Oil & Grease
Ion Chromatography	9056A	Bromide
Ion Chromatography	9056A	Chloride
Ion Chromatography	9056A	Fluoride
Ion Chromatography	9056A	Nitrate as N
Ion Chromatography	9056A	Nitrite as N
Ion Chromatography	9056A	Ortho-Phosphate as P
Ion Chromatography	9056A	Sulfate
ICP	6010C	Aluminum
ICP	6010C	Antimony
ICP	6010C	Arsenic
ICP	6010C	Barium

Solid and Chemical Materials

Technology	Method	Analyte
ICP	6010C	Beryllium
ICP-AES	6010C	Bismuth
ICP	6010C	Boron
ICP	6010C	Cadmium
ICP	6010C	Calcium
ICP	6010C	Chromium
ICP	6010C	Cobalt
ICP	6010C	Copper
ICP	6010C	Iron
ICP	6010C	Lead
ICP-AES	6010C	Lithium
ICP	6010C	Magnesium
ICP	6010C	Manganese
ICP	6010C	Molybdenum
ICP	6010C	Nickel
ICP-AES	6010C	Phosphorus
ICP	6010C	Potassium
ICP	6010C	Selenium
ICP	6010C	Silicon
ICP	6010C	Silver
ICP	6010C	Sodium
ICP-AES	6010C	Strontium
ICP-AES	6010C	Sulfur
ICP	6010C	Thallium
ICP-AES	6010C	Thorium
ICP	6010C	Tin
ICP	6010C	Titanium
ICP-AES	6010C	Uranium
ICP	6010C	Vanadium
ICP	6010C	Zinc
Probe	9045D	pH
Physical	1010A	Ignitability
Physical	9095B	Paint Filter Liquids Test
UV/VIS	7196A	Chromium VI
UV/VIS	9065	Total phenolics

LABORATORY ACCREDITATION BUREAU

Certificate # L2241

Solid and Chemical Materials		
Preparation	**Method**	**Type**
TCLP Extraction	1311	Toxicity Characteristic Leaching Procedure
Separatory Funnel Liquid-Liquid Extraction	3550C	Semivolatile and Nonvolatile Organics
Acid Digestion (Sediments, Sludges, and Soils)	3050B	Inorganics Preparation
Closed System Purge and Trap	5035	Volatile Organic Compounds
Waste dilution	3580A	Organic Preparation
Waste Dilution	3585	Volatile Organic Compounds

Notes:

1) This laboratory offers commercial testing service.

Approved by: _____ Date: May 17, 2012

R. Douglas Leonard
Chief Technical Officer

Issued: 2/16/10 Revised: 2/23/10 Revised: 5/17/12

LABORATORY ACCREDITATION BUREAU

Certificate # L2257

Scope of Accreditation
For
ALS Laboratory Group,
Environmental Division (Ft. Collins, CO)

225 Commerce Drive
Fort Collins, CO 80524
Robert P. Di Rienzo
970-490-1511

In recognition of a successful assessment to ISO/IEC 17025:2005 and the requirements of the DoD Environmental Laboratory Accreditation Program (DoD ELAP) as detailed in the DoD Quality Systems Manual for Environmental Laboratories (DoD QSM v4.1) based on the National Environmental Laboratory Accreditation Conference Chapter 5 Quality Systems Standard (NELAC Voted Revision June 5, 2003), accreditation is granted to ***ALS Laboratory Group, Environmental Division (Ft. Collins, CO)*** to perform the following tests:

Accreditation granted through: **June 1, 2013**

Testing - Environmental

Non-Potable Water		
Technology	**Method**	**Analyte**
Ion Chromatography	EPA 300.0 / 9056A	Bromide
Ion Chromatography	EPA 300.0 / 9056A	Chloride
Ion Chromatography	EPA 300.0 / 9056A	Fluoride
Ion Chromatography	EPA 300.0 / 9056A	Nitrate as N
Ion Chromatography	EPA 300.0 / 9056A	Nitrite as N
Ion Chromatography	EPA 300.0 / 9056A	Orthophosphate as P
Ion Chromatography	EPA 300.0 / 9056A	Sulfate
HPLC / EI / MS/MS	EPA 6850	Perchlorate
Analyzer	EPA 415.1 / 9060	TOC
ICP	EPA 6010B	Aluminum
ICP	EPA 6010B	Antimony
ICP	EPA 6010B	Arsenic
ICP	EPA 6010B	Barium
ICP	EPA 6010B	Beryllium
ICP	EPA 6010B	Bismuth
ICP	EPA 6010B	Boron

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP	EPA 6010B	Cadmium
ICP	EPA 6010B	Calcium
ICP	EPA 6010B	Chromium
ICP	EPA 6010B	Cobalt
ICP	EPA 6010B	Copper
ICP	EPA 6010B	Iron
ICP	EPA 6010B	Lead
ICP	EPA 6010B	Lithium
ICP	EPA 6010B	Magnesium
ICP	EPA 6010B	Manganese
ICP	EPA 6010B	Molybdenum
ICP	EPA 6010B	Nickel
ICP	EPA 6010B	Phosphorus
ICP	EPA 6010B	Potassium
ICP	EPA 6010B	Selenium
ICP	EPA 6010B	Silicon
ICP	EPA 6010B	Silicon as SiO_2
ICP	EPA 6010B	Silver
ICP	EPA 6010B	Sodium
ICP	EPA 6010B	Strontium
ICP	EPA 6010B	Sulfur
ICP	EPA 6010B	Thallium
ICP	EPA 6010B	Tin
ICP	EPA 6010B	Titanium
ICP	EPA 6010B	Uranium
ICP	EPA 6010B	Vanadium
ICP	EPA 6010B	Zinc
ICP	EPA 6010B	Zirconium
ICP / MS	EPA 6020A	Aluminum
ICP / MS	EPA 6020A	Antimony
ICP / MS	EPA 6020A	Arsenic
ICP / MS	EPA 6020A	Barium
ICP / MS	EPA 6020A	Beryllium

Non-Potable Water		
Technology	**Method**	**Analyte**
ICP / MS	EPA 6020A	Cadmium
ICP / MS	EPA 6020A	Calcium
ICP / MS	EPA 6020A	Cerium
ICP / MS	EPA 6020A	Chromium
ICP / MS	EPA 6020A	Cobalt
ICP / MS	EPA 6020A	Copper
ICP / MS	EPA 6020A	Iron
ICP / MS	EPA 6020A	Lanthanum
ICP / MS	EPA 6020A	Lead
ICP / MS	EPA 6020A	Magnesium
ICP / MS	EPA 6020A	Manganese
ICP / MS	EPA 6020A	Molybdenum
ICP / MS	EPA 6020A	Neodymium
ICP / MS	EPA 6020A	Nickel
ICP / MS	EPA 6020A	Potassium
ICP / MS	EPA 6020A	Praseodymium
ICP / MS	EPA 6020A	Selenium
ICP / MS	EPA 6020A	Silver
ICP / MS	EPA 6020A	Sodium
ICP / MS	EPA 6020A	Strontium
ICP / MS	EPA 6020A	Thallium
ICP / MS	EPA 6020A	Thorium
ICP / MS	EPA 6020A	Tin
ICP / MS	EPA 6020A	Titanium
ICP / MS	EPA 6020A	U-235
ICP / MS	EPA 6020A	U-238
ICP / MS	EPA 6020A	Uranium
ICP / MS	EPA 6020A	Vanadium
ICP / MS	EPA 6020A	Yttrium
ICP / MS	EPA 6020A	Zinc
Colorimetric	EPA 335.1 SM 4500-CN C,E	Cyanide (Total and Amenable)
UV-Vis	EPA 9010C	Cyanide (Total and Amenable)
Titrimetric	EPA 9013 / 9014 / 335.2	Cyanide

Non-Potable Water		
Technology	**Method**	**Analyte**
Gravimetric	EPA 1664A / 9071B	HEM/Oil And Grease
ISE	SM 2510B EPA 120.1 / 9050A	Conductivity
Titration	SM 2320B EPA 310.1	Alkalinity
UV/VIS	EPA 353.2	Nitrogen, Nitrate-Nitrite
Colorimetric	EPA 354.1 SM 4500-NO2 B	Nitrogen, Nitrite
Colorimetric	EPA 365.2 SM 4500-P E	Phosphorous, Total And Ortho
Titrimetric	EPA 376.1 SM 4500-S2 F	Sulfide
Gravimetric	EPA 9095A	Paint Filter Liquids Test
CVAA	EPA 245.1 / 7470	Mercury
ISE	EPA 150.1 / 9040C SM 4500-H+ B	pH
Flash Point	EPA 1010A	Ignitability
GC / ECD	EPA 8081A	4,4'-DDD
GC / ECD	EPA 8081A	4,4'-DDE
GC / ECD	EPA 8081A	4,4'-DDT
GC / ECD	EPA 8081A	Aldrin
GC / ECD	EPA 8081A	Alpha-BHC
GC / ECD	EPA 8081A	Alpha-Chlordane
GC / ECD	EPA 8081A	Beta-BHC
GC / ECD	EPA 8081A	Chlordane
GC / ECD	EPA 8081A	Delta-BHC
GC / ECD	EPA 8081A	Dieldrin
GC / ECD	EPA 8081A	Endosulfan I
GC / ECD	EPA 8081A	Endosulfan II
GC / ECD	EPA 8081A	Endosulfan Sulfate
GC / ECD	EPA 8081A	Endrin
GC / ECD	EPA 8081A	Endrin Aldehyde
GC / ECD	EPA 8081A	Endrin Ketone
GC / ECD	EPA 8081A	Gamma-BHC (Lindane)
GC / ECD	EPA 8081A	Gamma-Chlordane
GC / ECD	EPA 8081A	Heptachlor
GC / ECD	EPA 8081A	Heptachlor Epoxide

Non-Potable Water		
Technology	**Method**	**Analyte**
GC / ECD	EPA 8081A	Methoxychlor
GC / ECD	EPA 8081A	Toxaphene
GC / ECD	EPA 8082	Aroclor-1016
GC / ECD	EPA 8082	Aroclor-1221
GC / ECD	EPA 8082	Aroclor-1232
GC / ECD	EPA 8082	Aroclor-1242
GC / ECD	EPA 8082	Aroclor-1248
GC / ECD	EPA 8082	Aroclor-1254
GC / ECD	EPA 8082	Aroclor-1260
GC / ECD	EPA 8082	Aroclor-1262
GC / ECD	EPA 8082	Aroclor-1268
GC / ECD	EPA 8151A	2,4,5-T
GC / ECD	EPA 8151A	2,4-D
GC / ECD	EPA 8151A	2,4-DB
GC / ECD	EPA 8151A	Dalapon
GC / ECD	EPA 8151A	Dicamba
GC / ECD	EPA 8151A	Dichloroprop
GC / ECD	EPA 8151A	Dinoseb
GC / ECD	EPA 8151A	MCPA
GC / ECD	EPA 8151A	MCPP
GC / ECD	EPA 8151A	Silvex
GC / FPD	EPA 8141A	Chlorpyrifos
GC / FPD	EPA 8141A	Coumaphos
GC / FPD	EPA 8141A	Demeton O + S
GC / FPD	EPA 8141A	Diazinon
GC / FPD	EPA 8141A	Dichlorvos
GC / FPD	EPA 8141A	Disulfoton
GC / FPD	EPA 8141A	Ethoprop
GC / FPD	EPA 8141A	Fensulfothion
GC / FPD	EPA 8141A	Fenthion
GC / FPD	EPA 8141A	Malathion
GC / FPD	EPA 8141A	Merphos A + B
GC / FPD	EPA 8141A	Methyl Azinphos

Non-Potable Water		
Technology	**Method**	**Analyte**
GC / FPD	EPA 8141A	Methyl Parathion
GC / FPD	EPA 8141A	Mevinphos
GC / FPD	EPA 8141A	Naled
GC / FPD	EPA 8141A	Phorate
GC / FPD	EPA 8141A	Ronnel
GC / FPD	EPA 8141A	Sulprofos
GC / FPD	EPA 8141A	Tetrachlorvinphos
GC / FPD	EPA 8141A	Tokuthion
GC / FPD	EPA 8141A	Trichloronate
GC / FPD	EPA 8141A	Triphenylphosphate
GC / FID	EPA 8015B	GRO
GC / FID	EPA 8015B	DRO
HPLC / UV	EPA 8330 / 8330B	1,3,5-Trinitrobenzene
HPLC / UV	EPA 8330 / 8330B	1,3-Dinitrobenzene
HPLC / UV	EPA 8330 / 8330B	2,4,6-Trinitrotoluene
HPLC / UV	EPA 8330 / 8330B	2,4-Dinitrotoluene
HPLC / UV	EPA 8330 / 8330B	2,6-Dinitrotoluene
HPLC / UV	EPA 8330 / 8330B	2-Amino-4,6-DNT
HPLC / UV	EPA 8330 / 8330B	2-Nitrotoluene
HPLC / UV	EPA 8330 / 8330B	3,5-Dinitroaniline
HPLC / UV	EPA 8330 / 8330B	3-Nitrotoluene
HPLC / UV	EPA 8330 / 8330B	4-Amino-2,6-DNT
HPLC / UV	EPA 8330 / 8330B	4-Nitrotoluene
HPLC / UV	EPA 8330 / 8330B	HMX
HPLC / UV	EPA 8330 / 8330B	Nitrobenzene
HPLC / UV	EPA 8330B	Nitroglycerin
HPLC / UV	EPA 8330B	PETN
HPLC / UV	EPA 8330 / 8330B	RDX
HPLC / UV	EPA 8330 / 8330B	Tetryl
GC / MS	EPA 8260C	1,1,1,2-Tetrachloroethane
GC / MS	EPA 8260C	1,1,1-Trichloroethane
GC / MS	EPA 8260C	1,1,2,2-Tetrachloroethane
GC / MS	EPA 8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane

Non-Potable Water		
Technology	**Method**	**Analyte**
GC / MS	EPA 8260C	1,1,2-Trichloroethane
GC / MS	EPA 8260C	1,1-Dichloroethane
GC / MS	EPA 8260C	1,1-Dichloroethene
GC / MS	EPA 8260C	1,1-Dichloropropene
GC / MS	EPA 8260C	1,2,3-Trichlorobenzene
GC / MS	EPA 8260C	1,2,3-Trichloropropane
GC / MS	EPA 8260C	1,2,4-Trichlorobenzene
GC / MS	EPA 8260C	1,2,4-Trimethylbenzene
GC / MS	EPA 8260C	1,2-Dibromo-3-Chloropropane
GC / MS	EPA 8260C	1,2-Dibromoethane
GC / MS	EPA 8260C	1,2-Dichlorobenzene
GC / MS	EPA 8260C	1,2-Dichloroethane
GC / MS	EPA 8260C	1,2-Dichloroethene (Total)
GC / MS	EPA 8260C	1,2-Dichloropropane
GC / MS	EPA 8260C	1,3,5-Trimethylbenzene
GC / MS	EPA 8260C	1,3-Dichlorobenzene
GC / MS	EPA 8260C	1,3-Dichloropropane
GC / MS	EPA 8260C	1,4-Dichlorobenzene
GC / MS	EPA 8260C	1-Chlorohexane
GC / MS	EPA 8260C	2,2-Dichloropropane
GC / MS	EPA 8260C	2-Butanone
GC / MS	EPA 8260C	2-Chlorotoluene
GC / MS	EPA 8260C	2-Hexanone
GC / MS	EPA 8260C	4-Chlorotoluene
GC / MS	EPA 8260C	4-Methyl-2-Pentanone
GC / MS	EPA 8260C	Acetone
GC / MS	EPA 8260C	Benzene
GC / MS	EPA 8260C	Bromobenzene
GC / MS	EPA 8260C	Bromochloromethane
GC / MS	EPA 8260C	Bromodichloromethane
GC / MS	EPA 8260C	Bromoform
GC / MS	EPA 8260C	Bromomethane
GC / MS	EPA 8260C	Carbon Disulfide

Non-Potable Water		
Technology	**Method**	**Analyte**
GC / MS	EPA 8260C	Carbon Tetrachloride
GC / MS	EPA 8260C	Chlorobenzene
GC / MS	EPA 8260C	Chloroethane
GC / MS	EPA 8260C	Chloroform
GC / MS	EPA 8260C	Chloromethane
GC / MS	EPA 8260C	Cis-1,2-Dichloroethene
GC / MS	EPA 8260C	Cis-1,3-Dichloropropene
GC / MS	EPA 8260C	Dibromochloromethane
GC / MS	EPA 8260C	Dibromomethane
GC / MS	EPA 8260C	Dichlorodifluoromethane
GC / MS	EPA 8260C	Ethylbenzene
GC / MS	EPA 8260C	Hexachlorobutadiene
GC / MS	EPA 8260C	Iodomethane
GC / MS	EPA 8260C	Isopropylbenzene
GC / MS	EPA 8260C	M+P-Xylene
GC / MS	EPA 8260C	Methyl Tertiary Butyl Ether
GC / MS	EPA 8260C	Methylene Chloride
GC / MS	EPA 8260C	Naphthalene
GC / MS	EPA 8260C	N-Butylbenzene
GC / MS	EPA 8260C	N-Propylbenzene
GC / MS	EPA 8260C	O-Xylene
GC / MS	EPA 8260C	P-Isopropyltoluene
GC / MS	EPA 8260C	Sec-Butylbenzene
GC / MS	EPA 8260C	Styrene
GC / MS	EPA 8260C	Tert-Butylbenzene
GC / MS	EPA 8260C	Tetrachloroethene
GC / MS	EPA 8260C	Toluene
GC / MS	EPA 8260C	Total Xylenes
GC / MS	EPA 8260C	Trans-1,2-Dichloroethene
GC / MS	EPA 8260C	Trans-1,3-Dichloropropene
GC / MS	EPA 8260C	Trichloroethene
GC / MS	EPA 8260C	Trichlorofluoromethane
GC / MS	EPA 8260C	Vinyl Acetate

Non-Potable Water		
Technology	**Method**	**Analyte**
GC / MS	EPA 8260C	Vinyl Chloride
GC / MS	EPA 8270D	1,2,4-Trichlorobenzene
GC / MS	EPA 8270D	1,2-Dichlorobenzene
GC / MS	EPA 8270D	1,3-Dichlorobenzene
GC / MS	EPA 8270D	1,4-Dichlorobenzene
GC / MS	EPA 8270D	1,4-Dioxane
GC / MS	EPA 8270D	2,3,4,6-Tetrachlorophenol
GC / MS	EPA 8270D	2,4,5-Trichlorophenol
GC / MS	EPA 8270D	2,4,6-Trichlorophenol
GC / MS	EPA 8270D	2,4-Dichlorophenol
GC / MS	EPA 8270D	2,4-Dimethylphenol
GC / MS	EPA 8270D	2,4-Dinitrophenol
GC / MS	EPA 8270D	2,4-Dinitrotoluene
GC / MS	EPA 8270D	2,6-Dinitrotoluene
GC / MS	EPA 8270D	2-Chloronaphthalene
GC / MS	EPA 8270D	2-Chlorophenol
GC / MS	EPA 8270D	2-Methylnaphthalene
GC / MS	EPA 8270D	2-Methylphenol
GC / MS	EPA 8270D	2-Nitroaniline
GC / MS	EPA 8270D	2-Nitrophenol
GC / MS	EPA 8270D	3,3’-Dichlorobenzidine
GC / MS	EPA 8270D	3+4-Methylphenol
GC / MS	EPA 8270D	4,6-Dinitro-2-Methylphenol
GC / MS	EPA 8270D	4-Aminobiphenyl
GC / MS	EPA 8270D	4-Bromophenyl Phenyl Ether
GC / MS	EPA 8270D	4-Chloro-3-Methylphenol
GC / MS	EPA 8270D	4-Chloroaniline
GC / MS	EPA 8270D	4-Chlorophenyl Phenyl Ether
GC / MS	EPA 8270D	4-Nitroaniline
GC / MS	EPA 8270D	4-Nitrophenol
GC / MS	EPA 8270D	Acenaphthene
GC / MS	EPA 8270D	Acenaphthylene
GC / MS	EPA 8270D	Aniline

Non-Potable Water		
Technology	**Method**	**Analyte**
GC / MS	EPA 8270D	Anthracene
GC / MS	EPA 8270D	Azobenzene
GC / MS	EPA 8270D	Benzo(A)Anthracene
GC / MS	EPA 8270D	Benzo(A)Pyrene
GC / MS	EPA 8270D	Benzo(B)Fluoranthene
GC / MS	EPA 8270D	Benzo(G,H,I)Perylene
GC / MS	EPA 8270D	Benzo(K)Fluoranthene
GC / MS	EPA 8270D	Benzoic Acid
GC / MS	EPA 8270D	Benzyl Alcohol
GC / MS	EPA 8270D	Bis(2-Chloroethoxy)Methane
GC / MS	EPA 8270D	Bis(2-Chloroisopropyl)Ether
GC / MS	EPA 8270D	Bis(2-Ethylhexyl)Phthalate
GC / MS	EPA 8270D	Butyl Benzyl Phthalate
GC / MS	EPA 8270D	Carbazole
GC / MS	EPA 8270D	Chrysene
GC / MS	EPA 8270D	Dibenzo(A,H)Anthracene
GC / MS	EPA 8270D	Dibenzofuran
GC / MS	EPA 8270D	Diethyl Phthalate
GC / MS	EPA 8270D	Dimethyl Phthalate
GC / MS	EPA 8270D	Di-N-Butyl Phthalate
GC / MS	EPA 8270D	Di-N-Octyl Phthalate
GC / MS	EPA 8270D	Fluoranthene
GC / MS	EPA 8270D	Fluorene
GC / MS	EPA 8270D	Hexachlorobenzene
GC / MS	EPA 8270D	Hexachlorobutadiene
GC / MS	EPA 8270D	Hexachlorocyclopentadiene
GC / MS	EPA 8270D	Hexachloroethane
GC / MS	EPA 8270D	Indeno(1,2,3-Cd)Pyrene
GC / MS	EPA 8270D	Isophorone
GC / MS	EPA 8270D	Naphthalene
GC / MS	EPA 8270D	Nitrobenzene
GC / MS	EPA 8270D	N-Nitrosodimethylamine
GC / MS	EPA 8270D	N-Nitroso-Di-N-Propylamine

Non-Potable Water		
Technology	**Method**	**Analyte**
GC / MS	EPA 8270D	N-Nitrosodiphenylamine
GC / MS	EPA 8270D	Pentachlorophenol
GC / MS	EPA 8270D	Phenanthrene
GC / MS	EPA 8270D	Phenol
GC / MS	EPA 8270D	Pyrene
GC / MS	EPA 8270D	Pyridine
Gas Proportional Counting	EPA 900 / 9310	Gross Alpha
Gas Proportional Counting	EPA 900 / 9310	Gross Beta
Gas Proportional Counting	EPA 904 / 9320	Ra228
Gas Proportional Counting	HASL300Sr01 / Sr02	Strontium 89/90
Gas Proportional Counting	ASTM D5811	Strontium 90
Liquid Scintillation Counting	EPA 906.0 SM 7500 3H	Tritium
Liquid Scintillation Counting	EPA C-01	Carbon-14
Liquid Scintillation Counting	DOE RP550 / RS551	Technicium-99
Liquid Scintillation Counting	Horwitz, Chiariza, Dietz 1992	Lead-210
Liquid Scintillation Counting	ALS SOP 704	Pu241, Pm147
Emanation	EPA 903.1 SM 7500-Ra C	Radium 226
Gas Proportional Counting	EPA 903.0 / 9315	Total Radium
Liquid Scintillation Counting	SM 7500-Rn B ASTM D 5072	Rn-222
Gas Proportional Counting	EPA 903.0 / 9315	Radium-226
Alpha-Spec	HASL 300 U02 ASTM D 3972	Ac-227
Alpha-Spec	HASL 300 U02 ASTM D 3972	Am-241
Alpha-Spec	HASL 300 U02 ASTM D 3972	Am-242/243
Alpha-Spec	HASL 300 U02 ASTM D 3972	Am-243
Alpha-Spec	HASL 300 U02 ASTM D 3972	Cm-242
Alpha-Spec	HASL 300 U02 ASTM D 3972	Cm-243/244
Alpha-Spec	HASL 300 U02 ASTM D 3972	Cm-244
Alpha-Spec	HASL 300 U02 ASTM D 3972	Cm-245/246
Alpha-Spec	HASL 300 U02 ASTM D 3972	Np-237

Non-Potable Water		
Technology	**Method**	**Analyte**
Alpha-Spec	HASL 300 U02 ASTM D 3972	Po-210
Alpha-Spec	HASL 300 U02 ASTM D 3972	Pu-238
Alpha-Spec	HASL 300 U02 ASTM D 3972	Pu-239
Alpha-Spec	HASL 300 U02 ASTM D 3972	Pu-239/240
Alpha-Spec	HASL 300 U02 ASTM D 3972	Pu-242
Alpha-Spec	ALS-SOP 701	Ra-226
Alpha-Spec	HASL 300 U02 ASTM D 3972	Th-227
Alpha-Spec	HASL 300 U02 ASTM D 3972	Th-228
Alpha-Spec	HASL 300 U02 ASTM D 3972	Th-230
Alpha-Spec	HASL 300 U02 ASTM D 3972	Th-232
Alpha-Spec	HASL 300 U02 ASTM D 3972	U-232
Alpha-Spec	HASL 300 U02 ASTM D 3972	U-233/234
Alpha-Spec	HASL 300 U02 ASTM D 3972	U-234
Alpha-Spec	HASL 300 U02 ASTM D 3972	U-235
Alpha-Spec	HASL 300 U02 ASTM D 3972	U-235/236
Alpha-Spec	HASL 300 U02 ASTM D 3972	U-238
Alpha-Spec	HASL 300 U02 ASTM D 3972	Uranium, Total
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ac-227
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ac-228
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ag-108m
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ag-110m

Non-Potable Water		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Al-26
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Am-241
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Am-243
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	As-72
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	As-73
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	As-74
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ba-133
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ba-140
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Be-7
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Bi-211
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Bi-212
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Bi-214
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Br-76
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Br-77
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Br-82
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cd-109

Non-Potable Water		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ce-139
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ce-141
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ce-144
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cf-249
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cf-251
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cl-39
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	CM-243
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-56
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-57
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-58
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-60
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cr-51
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-134
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-135
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-136
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-137

Non-Potable Water		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Eu-152
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Eu-154
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Eu-155
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Fe-59
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Gd-153
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ge-68
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Hf-181
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Hg-197m
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Hg-203
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	I-131
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ir-192
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	K-40
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Kr-85
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	La-140
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Mn-54
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Na-22

Non-Potable Water		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Na-24
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Nb-94
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Nb-95
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Nd-147
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Np-236
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Np-237
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Np-239
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Os-191
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pa-231
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pa-234m
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-210
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-211
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-212
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-214
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pm-144
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pm-146

Non-Potable Water		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Po-209
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-223
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-224
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-226
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-228
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rb-83
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rb-86
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rh-101
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rh-106
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ru-103
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ru-106
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sb-124
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sb-125
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sc-46
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Se-75
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sn-113

Non-Potable Water		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sn-126
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sr-85
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ta-182
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Tb-160
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-227
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-228
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-230
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-231
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-232
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-234
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Tl-208
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	U-235
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Uranium, Total
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	V-48
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Y-88
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Zn-65

Non-Potable Water		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Zr-95
Preparation	**Method**	**Type**
Preparation	EPA 3005A	Acid Digestion Total Recoverable or Dissolved Metals
Preparation	EPA 3010A	Acid Digestion for Total Metals
Leaching Procedure	EPA 1311	Toxicity Characteristic Leaching Procedure Metals
Leaching Procedure	EPA 1311	Toxicity Characteristic Leaching Procedure Semi-Volatiles
Leaching Procedure	EPA 1311	Toxicity Characteristic Leaching Procedure Volatiles
Preparation	EPA 3520C	Continuous Liquid-Liquid Extraction
Cleanup Procedure	EPA 3620B	Florisil Cleanup
Cleanup Procedure	EPA 3630C	Silica Gel Cleanup
Cleanup Procedure	EPA 3640A	Gel Permeation Cleanup
Cleanup Procedure	EPA 3660A	Sulfur Cleanup
Purge and Trap	EPA 5030C	Purge-and-Trap for Aqueous Samples

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Ion Chromatography	EPA 300.0 / 9056A	Bromide
Ion Chromatography	EPA 300.0 / 9056A	Chloride
Ion Chromatography	EPA 300.0 / 9056A	Fluoride
Ion Chromatography	EPA 300.0 / 9056A	Nitrate as N
Ion Chromatography	EPA 300.0 / 9056A	Nitrite as N
Ion Chromatography	EPA 300.0 / 9056A	Orthophosphate as P
Ion Chromatography	EPA 300.0 / 9056A	Sulfate
HPLC / EI / MS/MS	EPA 6850	Perchlorate
Analyzer	Whakley Black	TOC
ICP - AES	EPA 6010B	Aluminum
ICP - AES	EPA 6010B	Antimony
ICP - AES	EPA 6010B	Arsenic
ICP - AES	EPA 6010B	Barium
ICP - AES	EPA 6010B	Beryllium

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP - AES	EPA 6010B	Bismuth
ICP - AES	EPA 6010B	Boron
ICP - AES	EPA 6010B	Cadmium
ICP - AES	EPA 6010B	Calcium
ICP - AES	EPA 6010B	Chromium
ICP - AES	EPA 6010B	Cobalt
ICP - AES	EPA 6010B	Copper
ICP - AES	EPA 6010B	Iron
ICP - AES	EPA 6010B	Lead
ICP - AES	EPA 6010B	Lithium
ICP - AES	EPA 6010B	Magnesium
ICP - AES	EPA 6010B	Manganese
ICP - AES	EPA 6010B	Molybdenum
ICP - AES	EPA 6010B	Nickel
ICP - AES	EPA 6010B	Phosphorus
ICP - AES	EPA 6010B	Potassium
ICP - AES	EPA 6010B	Selenium
ICP - AES	EPA 6010B	Silicon
ICP - AES	EPA 6010B	Silicon as SiO_2
ICP - AES	EPA 6010B	Silver
ICP - AES	EPA 6010B	Sodium
ICP - AES	EPA 6010B	Strontium
ICP - AES	EPA 6010B	Sulfur
ICP - AES	EPA 6010B	Thallium
ICP - AES	EPA 6010B	Tin
ICP - AES	EPA 6010B	Titanium
ICP - AES	EPA 6010B	Uranium
ICP - AES	EPA 6010B	Vanadium
ICP - AES	EPA 6010B	Zinc
ICP - AES	EPA 6010B	Zirconium
ICP / MS	EPA 6020A	Aluminum
ICP / MS	EPA 6020A	Antimony
ICP / MS	EPA 6020A	Arsenic

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ICP / MS	EPA 6020A	Barium
ICP / MS	EPA 6020A	Beryllium
ICP / MS	EPA 6020A	Cadmium
ICP / MS	EPA 6020A	Calcium
ICP / MS	EPA 6020A	Cerium
ICP / MS	EPA 6020A	Chromium
ICP / MS	EPA 6020A	Cobalt
ICP / MS	EPA 6020A	Copper
ICP / MS	EPA 6020A	Iron
ICP / MS	EPA 6020A	Lanthanum
ICP / MS	EPA 6020A	Lead
ICP / MS	EPA 6020A	Magnesium
ICP / MS	EPA 6020A	Manganese
ICP / MS	EPA 6020A	Molybdenum
ICP / MS	EPA 6020A	Neodymium
ICP / MS	EPA 6020A	Nickel
ICP / MS	EPA 6020A	Potassium
ICP / MS	EPA 6020A	Praseodymium
ICP / MS	EPA 6020A	Selenium
ICP / MS	EPA 6020A	Silver
ICP / MS	EPA 6020A	Sodium
ICP / MS	EPA 6020A	Strontium
ICP / MS	EPA 6020A	Thallium
ICP / MS	EPA 6020A	Thorium
ICP / MS	EPA 6020A	Tin
ICP / MS	EPA 6020A	Titanium
ICP / MS	EPA 6020A	U-235
ICP / MS	EPA 6020A	U-238
ICP / MS	EPA 6020A	Uranium
ICP / MS	EPA 6020A	Vanadium
ICP / MS	EPA 6020A	Yttrium
ICP / MS	EPA 6020A	Zinc
CVAA	EPA 7471	Mercury

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
ISE	EPA 9045D	pH
Titrimetric	EPA 9013 / 9014	Cyanide
UV-Vis	EPA 9010C	Cyanide (Total and Amenable)
Gravimetric	EPA 9071B	HEM/Oil And Grease
Wet Chemistry	SW846 7.3.3.2 / 7.3.4.1	Reactivity
Flash Point Tester	EPA 1010A	Ignitability
GC / ECD	EPA 8081A	4,4'-DDD
GC / ECD	EPA 8081A	4,4'-DDE
GC / ECD	EPA 8081A	4,4'-DDT
GC / ECD	EPA 8081A	Aldrin
GC / ECD	EPA 8081A	Alpha-BHC
GC / ECD	EPA 8081A	Alpha-Chlordane
GC / ECD	EPA 8081A	Beta-BHC
GC / ECD	EPA 8081A	Chlordane
GC / ECD	EPA 8081A	Delta-BHC
GC / ECD	EPA 8081A	Dieldrin
GC / ECD	EPA 8081A	Endosulfan I
GC / ECD	EPA 8081A	Endosulfan II
GC / ECD	EPA 8081A	Endosulfan Sulfate
GC / ECD	EPA 8081A	Endrin
GC / ECD	EPA 8081A	Endrin Aldehyde
GC / ECD	EPA 8081A	Endrin Ketone
GC / ECD	EPA 8081A	Gamma-BHC (Lindane)
GC / ECD	EPA 8081A	Gamma-Chlordane
GC / ECD	EPA 8081A	Heptachlor
GC / ECD	EPA 8081A	Heptachlor Epoxide
GC / ECD	EPA 8081A	Methoxychlor
GC / ECD	EPA 8081A	Toxaphene
GC / ECD	EPA 8082	Aroclor-1016
GC / ECD	EPA 8082	Aroclor-1221
GC / ECD	EPA 8082	Aroclor-1232
GC / ECD	EPA 8082	Aroclor-1242
GC / ECD	EPA 8082	Aroclor-1248

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC / ECD	EPA 8082	Aroclor-1254
GC / ECD	EPA 8082	Aroclor-1260
GC / ECD	EPA 8082	Aroclor-1262
GC / ECD	EPA 8082	Aroclor-1268
GC / ECD	EPA 8151A	2,4,5-T
GC / ECD	EPA 8151A	2,4-D
GC / ECD	EPA 8151A	2,4-DB
GC / ECD	EPA 8151A	Dalapon
GC / ECD	EPA 8151A	Dicamba
GC / ECD	EPA 8151A	Dichloroprop
GC / ECD	EPA 8151A	Dinoseb
GC / ECD	EPA 8151A	MCPA
GC / ECD	EPA 8151A	MCPP
GC / ECD	EPA 8151A	Silvex
GC / FPD	EPA 8141A	Chlorpyrifos
GC / FPD	EPA 8141A	Coumaphos
GC / FPD	EPA 8141A	Demeton O + S
GC / FPD	EPA 8141A	Diazinon
GC / FPD	EPA 8141A	Dichlorvos
GC / FPD	EPA 8141A	Disulfoton
GC / FPD	EPA 8141A	Ethoprop
GC / FPD	EPA 8141A	Fensulfothion
GC / FPD	EPA 8141A	Fenthion
GC / FPD	EPA 8141A	Malathion
GC / FPD	EPA 8141A	Merphos A + B
GC / FPD	EPA 8141A	Methyl Azinphos
GC / FPD	EPA 8141A	Methyl Parathion
GC / FPD	EPA 8141A	Mevinphos
GC / FPD	EPA 8141A	Naled
GC / FPD	EPA 8141A	Phorate
GC / FPD	EPA 8141A	Ronnel
GC / FPD	EPA 8141A	Sulprofos
GC / FPD	EPA 8141A	Tetrachlorvinphos

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC / FPD	EPA 8141A	Tokuthion
GC / FPD	EPA 8141A	Trichloronate
GC / FID	EPA 8015B	GRO
GC / FID	EPA 8015B	DRO
HPLC / UV	EPA 8330 / 8330B	1,3,5-Trinitrobenzene
HPLC / UV	EPA 8330 / 8330B	1,3-Dinitrobenzene
HPLC / UV	EPA 8330 / 8330B	2,4,6-Trinitrotoluene
HPLC / UV	EPA 8330 / 8330B	2,4-Dinitrotoluene
HPLC / UV	EPA 8330 / 8330B	2,6-Dinitrotoluene
HPLC / UV	EPA 8330 / 8330B	2-Amino-4,6-DNT
HPLC / UV	EPA 8330 / 8330B	2-Nitrotoluene
HPLC / UV	EPA 8330 / 8330B	3,5-Dinitroaniline
HPLC / UV	EPA 8330 / 8330B	3-Nitrotoluene
HPLC / UV	EPA 8330 / 8330B	4-Amino-2,6-DNT
HPLC / UV	EPA 8330 / 8330B	4-Nitrotoluene
HPLC / UV	EPA 8330 / 8330B	HMX
HPLC / UV	EPA 8330 / 8330B	Nitrobenzene
HPLC / UV	8330 MOD	Nitroglycerin
HPLC / UV	8330 MOD	PETN
HPLC / UV	EPA 8330 / 8330B	RDX
HPLC / UV	EPA 8330 / 8330B	Tetryl
GC / MS	EPA 8260C	1,1,1,2-Tetrachloroethane
GC / MS	EPA 8260C	1,1,1-Trichloroethane
GC / MS	EPA 8260C	1,1,2,2-Tetrachloroethane
GC / MS	EPA 8260C	1,1,2-Trichloro-1,2,2-Trifluoroethane
GC / MS	EPA 8260C	1,1,2-Trichloroethane
GC / MS	EPA 8260C	1,1-Dichloroethane
GC / MS	EPA 8260C	1,1-Dichloroethene
GC / MS	EPA 8260C	1,1-Dichloropropene
GC / MS	EPA 8260C	1,2,3-Trichlorobenzene
GC / MS	EPA 8260C	1,2,3-Trichloropropane
GC / MS	EPA 8260C	1,2,4-Trichlorobenzene
GC / MS	EPA 8260C	1,2,4-Trimethylbenzene

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC / MS	EPA 8260C	1,2-Dibromo-3-Chloropropane
GC / MS	EPA 8260C	1,2-Dibromoethane
GC / MS	EPA 8260C	1,2-Dichlorobenzene
GC / MS	EPA 8260C	1,2-Dichloroethane
GC / MS	EPA 8260C	1,2-Dichloroethene (Total)
GC / MS	EPA 8260C	1,2-Dichloropropane
GC / MS	EPA 8260C	1,3,5-Trimethylbenzene
GC / MS	EPA 8260C	1,3-Dichlorobenzene
GC / MS	EPA 8260C	1,3-Dichloropropane
GC / MS	EPA 8260C	1,4-Dichlorobenzene
GC / MS	EPA 8260C	1-Chlorohexane
GC / MS	EPA 8260C	2,2-Dichloropropane
GC / MS	EPA 8260C	2-Butanone
GC / MS	EPA 8260C	2-Chlorotoluene
GC / MS	EPA 8260C	2-Hexanone
GC / MS	EPA 8260C	4-Chlorotoluene
GC / MS	EPA 8260C	4-Methyl-2-Pentanone
GC / MS	EPA 8260C	Acetone
GC / MS	EPA 8260C	Benzene
GC / MS	EPA 8260C	Bromobenzene
GC / MS	EPA 8260C	Bromochloromethane
GC / MS	EPA 8260C	Bromodichloromethane
GC / MS	EPA 8260C	Bromoform
GC / MS	EPA 8260C	Bromomethane
GC / MS	EPA 8260C	Carbon Disulfide
GC / MS	EPA 8260C	Carbon Tetrachloride
GC / MS	EPA 8260C	Chlorobenzene
GC / MS	EPA 8260C	Chloroethane
GC / MS	EPA 8260C	Chloroform
GC / MS	EPA 8260C	Chloromethane
GC / MS	EPA 8260C	Cis-1,2-Dichloroethene
GC / MS	EPA 8260C	Cis-1,3-Dichloropropene
GC / MS	EPA 8260C	Dibromochloromethane

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC / MS	EPA 8260C	Dibromomethane
GC / MS	EPA 8260C	Dichlorodifluoromethane
GC / MS	EPA 8260C	Ethylbenzene
GC / MS	EPA 8260C	Hexachlorobutadiene
GC / MS	EPA 8260C	Iodomethane
GC / MS	EPA 8260C	Isopropylbenzene
GC / MS	EPA 8260C	M+P-Xylene
GC / MS	EPA 8260C	Methyl Tertiary Butyl Ether
GC / MS	EPA 8260C	Methylene Chloride
GC / MS	EPA 8260C	Naphthalene
GC / MS	EPA 8260C	N-Butanol
GC / MS	EPA 8260C	N-Butylbenzene
GC / MS	EPA 8260C	N-Propylbenzene
GC / MS	EPA 8260C	O-Xylene
GC / MS	EPA 8260C	P-Isopropyltoluene
GC / MS	EPA 8260C	Sec-Butylbenzene
GC / MS	EPA 8260C	Styrene
GC / MS	EPA 8260C	Tert-Butylbenzene
GC / MS	EPA 8260C	Tetrachloroethene
GC / MS	EPA 8260C	Toluene
GC / MS	EPA 8260C	Total Xylenes
GC / MS	EPA 8260C	Trans-1,2-Dichloroethene
GC / MS	EPA 8260C	Trans-1,3-Dichloropropene
GC / MS	EPA 8260C	Trichloroethene
GC / MS	EPA 8260C	Trichlorofluoromethane
GC / MS	EPA 8260C	Vinyl Acetate
GC / MS	EPA 8260C	Vinyl Chloride
GC / MS	EPA 8270D	1,2,4-Trichlorobenzene
GC / MS	EPA 8270D	1,2-Dichlorobenzene
GC / MS	EPA 8270D	1,3-Dichlorobenzene
GC / MS	EPA 8270D	1,4-Dichlorobenzene
GC / MS	EPA 8270D	1,4-Dioxane
GC / MS	EPA 8270D	2,3,4,6-Tetrachlorophenol

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC / MS	EPA 8270D	2,4,5-Trichlorophenol
GC / MS	EPA 8270D	2,4,6-Trichlorophenol
GC / MS	EPA 8270D	2,4-Dichlorophenol
GC / MS	EPA 8270D	2,4-Dimethylphenol
GC / MS	EPA 8270D	2,4-Dinitrophenol
GC / MS	EPA 8270D	2,4-Dinitrotoluene
GC / MS	EPA 8270D	2-Chloronaphthalene
GC / MS	EPA 8270D	2-Chlorophenol
GC / MS	EPA 8270D	2-Methylnaphthalene
GC / MS	EPA 8270D	2-Methylphenol
GC / MS	EPA 8270D	2-Nitroaniline
GC / MS	EPA 8270D	2-Nitrophenol
GC / MS	EPA 8270D	3,3'-Dichlorobenzidine
GC / MS	EPA 8270D	3+4-Methylphenol
GC / MS	EPA 8270D	4,6-Dinitro-2-Methylphenol
GC / MS	EPA 8270D	4-Aminobiphenyl
GC / MS	EPA 8270D	4-Bromophenyl Phenyl Ether
GC / MS	EPA 8270D	4-Chloro-3-Methylphenol
GC / MS	EPA 8270D	4-Chloroaniline
GC / MS	EPA 8270D	4-Chlorophenyl Phenyl Ether
GC / MS	EPA 8270D	4-Nitroaniline
GC / MS	EPA 8270D	4-Nitrophenol
GC / MS	EPA 8270D	Acenaphthene
GC / MS	EPA 8270D	Acenaphthylene
GC / MS	EPA 8270D	Aniline
GC / MS	EPA 8270D	Anthracene
GC / MS	EPA 8270D	Azobenzene
GC / MS	EPA 8270D	Benzo(A)Anthracene
GC / MS	EPA 8270D	Benzo(A)Pyrene
GC / MS	EPA 8270D	Benzo(B)Fluoranthene
GC / MS	EPA 8270D	Benzo(G,H,I)Perylene
GC / MS	EPA 8270D	Benzo(K)Fluoranthene
GC / MS	EPA 8270D	Benzoic Acid

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GC / MS	EPA 8270D	Benzyl Alcohol
GC / MS	EPA 8270D	Bis(2-Chloroethoxy)Methane
GC / MS	EPA 8270D	Bis(2-Chloroethyl)Ether
GC / MS	EPA 8270D	Bis(2-Ethylhexyl) Adipate
GC / MS	EPA 8270D	Butyl Benzyl Phthalate
GC / MS	EPA 8270D	Carbazole
GC / MS	EPA 8270D	Chrysene
GC / MS	EPA 8270D	Dibenzo(A,H)Anthracene
GC / MS	EPA 8270D	Dibenzofuran
GC / MS	EPA 8270D	Diethyl Phthalate
GC / MS	EPA 8270D	Dimethyl Phthalate
GC / MS	EPA 8270D	Di-N-Butyl Phthalate
GC / MS	EPA 8270D	Di-N-Octyl Phthalate
GC / MS	EPA 8270D	Fluoranthene
GC / MS	EPA 8270D	Fluorene
GC / MS	EPA 8270D	Hexachlorobenzene
GC / MS	EPA 8270D	Hexachlorobutadiene
GC / MS	EPA 8270D	Hexachlorocyclopentadiene
GC / MS	EPA 8270D	Hexachloroethane
GC / MS	EPA 8270D	Indeno(1,2,3-Cd)Pyrene
GC / MS	EPA 8270D	Isophorone
GC / MS	EPA 8270D	Naphthalene
GC / MS	EPA 8270D	Nitrobenzene
GC / MS	EPA 8270D	N-Nitrosodimethylamine
GC / MS	EPA 8270D	N-Nitroso-Di-N-Propylamine
GC / MS	EPA 8270D	N-Nitrosodiphenylamine
GC / MS	EPA 8270D	Pentachlorophenol
GC / MS	EPA 8270D	Phenanthrene
GC / MS	EPA 8270D	Phenol
GC / MS	EPA 8270D	Pyrene
GC / MS	EPA 8270D	Pyridine
GPC	EPA 900 / 9310	Gross Alpha
GPC	EPA 900 / 9310	Gross Beta

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
GPC	EPA 904 / 9320	Ra228
GPC	HASL300Sr01/Sr02 ASTM D5811	Strontium 89/90
GPC	HASL300Sr01/Sr02 ASTM D5811	Strontium 90
Liquid Scintillation Counting	EPA 906.0 SM 7500 3H	Tritium
Liquid Scintillation Counting	EPA C-01	Carbon-14
Liquid Scintillation Counting	DOE RP550/RS551	Technicium-99
Liquid Scintillation Counting	Horwitz, Chiariza, Dietz 1992	Lead-210
Liquid Scintillation Counting	ALS SOP 704	Pu241, Pm147
Emanation	EPA 903.1 SM 7500-Ra C	Radium-226
Gas Proportional Counting	EPA 903.0 / 9315	Total Radium
Gas Proportional Counting	EPA 903.0 / 9315	Radium-226
Alpha-Spec	HASL 300 U02 ASTM D3972	Ac-227
Alpha-Spec	HASL 300 U02 ASTM D3972	Am-241
Alpha-Spec	HASL 300 U02 ASTM D3972	Am-242/243
Alpha-Spec	HASL 300 U02 ASTM D3972	Am-243
Alpha-Spec	HASL 300 U02 ASTM D3972	Cm-242
Alpha-Spec	HASL 300 U02 ASTM D3972	Cm-243/244
Alpha-Spec	HASL 300 U02 ASTM D3972	Cm-244
Alpha-Spec	HASL 300 U02 ASTM D3972	Cm-245/246
Alpha-Spec	HASL 300 U02 ASTM D3972	Np-237
Alpha-Spec	HASL 300 U02 ASTM D3972	Po-210
Alpha-Spec	HASL 300 U02 ASTM D3972	Pu-238
Alpha-Spec	HASL 300 U02 ASTM D3972	Pu-239
Alpha-Spec	HASL 300 U02 ASTM D3972	Pu-239/240

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Alpha-Spec	HASL 300 U02 ASTM D3972	Pu-242
Alpha-Spec	ALSLG-SOP 701	Ra-226
Alpha-Spec	HASL 300 U02 ASTM D3972	Th-227
Alpha-Spec	HASL 300 U02 ASTM D3972	Th-228
Alpha-Spec	HASL 300 U02 ASTM D3972	Th-230
Alpha-Spec	HASL 300 U02 ASTM D3972	Th-232
Alpha-Spec	HASL 300 U02 ASTM D3972	U-232
Alpha-Spec	HASL 300 U02 ASTM D3972	U-233/234
Alpha-Spec	HASL 300 U02 ASTM D3972	U-234
Alpha-Spec	HASL 300 U02 ASTM D3972	U-235
Alpha-Spec	HASL 300 U02 ASTM D3972	U-235/236
Alpha-Spec	HASL 300 U02 ASTM D3972	U-238
Alpha-Spec	HASL 300 U02 ASTM D3972	Uranium, Total
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ac-227
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ac-228
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ag-108m
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ag-110m
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Al-26
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Am-241
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Am-243

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	As-72
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	As-73
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	As-74
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ba-133
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ba-140
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Be-7
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Bi-211
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Bi-212
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Bi-214
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Br-76
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Br-77
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Br-82
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cd-109
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ce-139
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ce-141
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ce-144

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cf-249
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cf-251
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cl-39
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cm-243
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-56
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-57
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-58
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Co-60
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cr-51
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-134
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-135
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-136
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Cs-137
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Eu-152
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Eu-154
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Eu-155

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Fe-59
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Gd-153
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ge-68
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Hf-181
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Hg-197m
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Hg-203
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	I-131
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ir-192
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	K-40
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Kr-85
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	La-140
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Mn-54
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Na-22
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Na-24
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Nb-94
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Nb-95

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Nd-147
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Np-236
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Np-237
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Np-239
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Os-191
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pa-231
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pa-234m
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-210
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-211
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-212
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pb-214
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pm-144
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Pm-146
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Po-209
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-223
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-224

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-226
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ra-228
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rb-83
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rb-86
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rh-101
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rh-106
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Rn-222
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ru-103
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ru-106
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sb-124
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sb-125
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sc-46
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Se-75
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sn-113
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sn-126
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Sr-85

Solid and Chemical Materials		
Technology	**Method**	**Analyte**
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Ta-182
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Tb-160
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-227
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-228
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-230
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-231
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-232
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Th-234
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Tl-208
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	U-235
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Uranium, Total
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	V-48
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Y-88
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Zn-65
Gamma Spec	EPA 901.1 HASL 300 Ga-01-R EML 4.5.2.3	Zr-95

LABORATORY ACCREDITATION BUREAU

Certificate # L2257

Solid and Chemical Materials		
Preparation	**Method**	**Type**
Preparation	EPA 3060 A	Alkaline Digestion For Hexavalent Chromium
Preparation	EPA 3050 B	Acid Digestion Of Sediments, Sludges And Soils
Leaching Procedure	EPA 1311	Toxicity Characteristic Leaching Procedure Metals
Leaching Procedure	EPA 1311	Toxicity Characteristic Leaching Procedure Semi-Volatiles
Leaching Procedure	EPA 1311	Toxicity Characteristic Leaching Procedure Volatiles
Preparation	EPA 3540C	Soxhlet Extraction
Preparation	EPA 3580A	Waste Dilution
Cleanup Procedure	EPA 3620B	Florisil Cleanup
Cleanup Procedure	EPA 3630C	Silica Gel Cleanup
Cleanup Procedure	EPA 3640A	Gel Permeation Cleanup
Cleanup Procedure	EPA 3660A	Sulfur Cleanup
Purge and Trap	EPA 5035A	Purge-And-Trap And Extraction For Volatile Organics

Notes:

1) This laboratory offers commercial testing service.

Approved By: _____ Date: December 10, 2010

R. Douglas Leonard
Chief Technical Officer

Issued: 6/1/10 Revised: 11/18/10 Revised: 12/10/10

CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board/ACLASS

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

APPL, Inc.
908 N. Temperance Avenue
Clovis, CA 93611

has been assessed by ACLASS
and meets the requirements of

ISO/IEC 17025:2005 and DoD-ELAP

while demonstrating technical competence in the field(s) of

TESTING

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

ADE-1410

Certificate Number

ACLASS Approval

Certificate Valid: 10/23/2011-10/23/2013
Version No. 003 Issued: 12/08/2011

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated January 2009*).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005 & DoD-ELAP

APPL, Inc.

908 N. Temperance Avenue, Clovis, CA 93611
Diane Anderson Phone: 559-275-2175

TESTING

Valid to: October 23, 2013 Certificate Number: ADE- 1410

I. Environmental

MATRIX	SPECIFIC TEST or GROUP OF ANALYTES**	SPECIFICATION OR STANDARD METHOD (all EPA unless specified)	* KEY EQUIPMENT OR TECHNOLOGY USED
Water / Wastewater	Acid Digestion for Metals Analysis	3010A	
Solid / Solid Waste	Acid digestion for Metals Analysis	3050B	
Water / Wastewater	Mercury Digestion and Analysis	245.1 / 7470A	AAS
Solid / Solid Waste	Mercury Digestion and Analysis	7471B	AAS
Water / Wastewater	Microwave assisted Acid Digestion for Metals Analysis	3015A	Microwave
Solid / Solid Waste	Microwave assisted Acid Digestion for Metals Analysis	3051A	Microwave
Water / Wastewater	Purge and Trap for Aqueous Samples	5030B / 5030C	
Solid / Solid Waste	Closed-system purge and trap extraction for VOA analysis	5035 / 5035A	
Water / Wastewater	Separatory Funnel Extraction	3510C	
Solid / Solid Waste	Ultrasonic Extraction	3550B	Ultrasonic waterbath

MATRIX	SPECIFIC TEST or GROUP OF ANALYTES**	SPECIFICATION OR STANDARD METHOD (all EPA unless specified)	* KEY EQUIPMENT OR TECHNOLOGY USED
Solid / Solid Waste	Soxhlet Extraction	3540C	Soxhlet Extractors
Water / Wastewater	Liquid-Liquid Extraction	3520C	Liquid-Liquid Extractor
Water / Wastewater / Solid / Solid Waste	Silica gel cleanup	3630C	
Solid / Solid Waste	Incremental sampling	8330B, Appendix A	Puck mill grinder
Water / Wastewater / Solid / Solid Waste	Sulfur cleanup	3660B	
Water / Wastewater / Solid / Solid Waste	Sulfuric acid – permanganate cleanup	3665A	
Water / Wastewater / Solid / Solid Waste	Gel permeation cleanup	3640A	
Solid / Solid Waste	TCLP extraction	1311	Rotary Tumbler
Solid / Solid Waste	SPLP extraction	1312	Rotary Tumbler
Solid / Solid Waste	Waste Extraction Test (WET)	CCR Chapter 11, Article 5, Appendix II	Rotary Tumbler
Water / Wastewater	Total Dissolved Solids	160.1 / 2540C	Gravimetric
Water / Wastewater	Total Suspended Solids	2540D	Gravimetric
Water / Wastewater	Anion analysis	300.0 / 9056 / 9056A	Dionex Ion Chromatography
Solid / Solid Waste	Anion analysis	9056 / 9056A	Dionex Ion Chromatography

MATRIX	SPECIFIC TEST or GROUP OF ANALYTES**	SPECIFICATION OR STANDARD METHOD (all EPA unless specified)	* KEY EQUIPMENT OR TECHNOLOGY USED
Water / Wastewater / Solid / Solid Waste	Perchlorate analysis	314.0	Dionex Ion Chromatography
Water / Wastewater / Solid / Solid Waste	Ammonia	350.1	Lachat Flow Injection Analysis
Water / Wastewater / Solid / Solid Waste	TKN	351.2	Lachat Flow Injection Analysis
Water / Wastewater / Solid / Solid Waste	Nitrate / Nitrite	353.2	Lachat Flow Injection Analysis
Water / Wastewater / Solid / Solid Waste	Sulfide	4200S2F	Titrimetric
Drinking Water / Water / Wastewater / Solid / Solid Waste	PCB Congeners	1668A	High Resolution GC/MS
Water / Wastewater / Solid / Solid Waste	Perchlorate	6850	HPLC/Electrospray Ionization/MS
Water / Wastewater	Oil & Grease	1664A	Gravimetric
Water / Wastewater	Oil & Grease	SM 5520B	Gravimetric
Water / Wastewater	TRPH	SM 5520BF	Gravimetric
Water / Wastewater / Solid / Solid Waste	Total Metals	6010B / 6010C	ICP
Water / Wastewater / Solid / Solid Waste	Total Metals	6020 / 6020A	ICP/MS
Water / Wastewater / Solid / Solid Waste	Hexavalent Chromium	7196A	UV/Vis
Solid / Solid Waste	Alkaline digestion of Hexavalent Chromium	3060A	

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MATRIX	SPECIFIC TEST or GROUP OF ANALYTES**	SPECIFICATION OR STANDARD METHOD (all EPA unless specified)	* KEY EQUIPMENT OR TECHNOLOGY USED
Water / Wastewater / Solid / Solid Waste	Hexavalent Chromium	218.6 / 7199	Dionex Ion Chromatography
Water / Wastewater / Solid / Solid Waste	Total Cyanide Distillation	9010C	Midi-Distillation unit
Water / Wastewater / Solid / Solid Waste	Total Cyanide Analysis	9014	UV/Vis
Water / Wastewater	Corrosivity - pH	9040C	Ion Selective Electrode
Solid / Solid Waste	Corrosivity - pH	9045D	Ion Selective Electrode
Water / Wastewater / Solid / Solid Waste	Chlorinated & Brominated Hydrocarbons	8011	GC/ECD
Water / Wastewater / Solid / Solid Waste	DRO/GRO	8015B/C/D	GC/FID
Water / Solid	OP Pesticides	8141A / 8141B	GC/ECD
Water / Wastewater / Solid / Solid Waste	OCL Pesticides	8081A / 8081B	GC/ECD
Water / Waste Water	PCB	608	GC/ECD
Water / Wastewater / Solid / Solid Waste	PCB	8082 / 8082A	GC/ECD
Water / Wastewater / Solid / Solid Waste	Herbicides	8151A	GC/ECD
Water / Wastewater / Solid / Solid Waste	VOA	8260B / 8260C	GC/MS
Water / Wastewater / Solid / Solid Waste	PAH	8270C SIM / 8270D SIM	GC/MS
Water / Wastewater / Solid / Solid Waste	Semi-VOA	8270C / 8270D	GC/MS

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MATRIX	SPECIFIC TEST or GROUP OF ANALYTES**	SPECIFICATION OR STANDARD METHOD (all EPA unless specified)	* KEY EQUIPMENT OR TECHNOLOGY USED
Water / Wastewater / Solid / Solid Waste	Dioxins	8290	HRGC/HRMS
Water / Wastewater / Solid / Solid Waste	Nitroaromatics & Nitramines & Nitroguanadine PGDN Picric Acid	8330A / 8330B / 8321A	HPLC
Water / Wastewater / Solid / Solid Waste	Carbamates	8321A	HPLC
Solid / Solid Waste	Ignitability	1030	
Solid / Solid Waste	TOC	Walkley-Black	Titration
Water	DOC / TOC	SM 5310B / 9060A	TOC Analyzer
Water	Ethane / Ethene / Methane	RSK175	GC / FID
Water	Alkalinity	SM 2320B	Titrimetric
Water	MBAS	SM 5540C	UV/Vis
Water	Electrical Conductance	SM 2510B	EC meter

Notes:

1. ** = As Applicable*
2. *** = Refer to Accredited Analytes Listing for specific analytes in which the laboratory is accredited*
3. *This scope is part of and must be included with the Certificate of Accreditation No. ADE- 1410*

Vice President

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Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
WP Minerals #1	55144	1955	Total Dissolved Solids (TDS)	160.1	Approved
Oil & Grease	4120	1860	Oil & Grease	1664A	Approved
Oil & Grease - n-Hexadecane & Stearic	55084	1860	Oil & Grease	1664A	Approved
PCB Congeners in Water	PEO-403	9070	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	1668A	Approved
PCB Congeners in Water	PEO-403	9025	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)	1668A	Approved
PCB Congeners in Water	PEO-403	9040	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	1668A	Approved
PCB Congeners in Water	PEO-403	8980	2,2',4,5,5'-Pentachlorobiphenyl (PCB 101)	1668A	Approved
PCB Congeners in Water	PEO-403	8955	2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	1668A	Approved
PCB Congeners in Water	PEO-403	9085	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	1668A	Approved
PCB Congeners in Water	PEO-403	9050	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	1668A	Approved
PCB Congeners in Water	PEO-403	9045	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	1668A	Approved
PCB Congeners in Water	PEO-403	8985	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	1668A	Approved
PCB Congeners in Water	PEO-403	9055	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	1668A	Approved
PCB Congeners in Water	PEO-403	9005	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	1668A	Approved
PCB Congeners in Water	PEO-403	8995	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	1668A	Approved
PCB Congeners in Water	PEO-403	9000	2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	1668A	Approved
PCB Congeners in Water	PEO-403	8936	2,4,4'-Trichlorobiphenyl (PCB 28)	1668A	Approved
PCB Congeners in Water	PEO-403	9060	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	1668A	Approved
PCB Congeners in Water	PEO-403	9015	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	1668A	Approved
PCB Congeners in Water	PEO-403	8965	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	1668A	Approved
PCB Congeners in Water	PEO-403	8970	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	1668A	Approved
PCB Congeners in Water	PEO-403	9025	PCB (129)+(138)+(163)	1668A	Approved
PCB Congeners in Water	PEO-403	9040	PCB (153)+(168)	1668A	Approved
PCB Congeners in Water	PEO-403	9046	PCB (156)+(157)	1668A	Approved
PCB Congeners in Water	PEO-403	9070	PCB (180)+(193)	1668A	Approved
PCB Congeners in Water	PEO-403	8936	PCB (20)+(28)	1668A	Approved
PCB Congeners in Water	PEO-403	8980	PCB (90)+(101)+(113)	1668A	Approved
PCB Congeners in Water	PEO-403	8870	PCBs, total	1668A	Approved
WP Hexavalent Chromium	55096	1045	Chromium VI	218.6	Approved
SWA Anions	55131	1540	Bromide	300.0	Approved
WP Minerals #1	55144	1575	Chloride	300.0	Approved
WP & DMRQA Nutrients	55035	1810	Nitrate as N	300.0	Approved
WP & DMRQA Nutrients	55035	1870	Orthophosphate as P	300.0	Approved
WP Nitrate & Nitrite	55130	1810	Nitrate as N	300.0	Approved
WP Nitrate & Nitrite	55130	1820	Nitrite + Nitrate as N	300.0	Approved
WP Nitrate & Nitrite	55130	1840	Nitrite as N	300.0	Approved
WP Minerals #2	55145	1730	Fluoride	300.0	Approved
WP Minerals #2	55145	2000	Sulfate	300.0	Approved
WP Perchlorate	55116	1895	Perchlorate	314.0	Approved
WP & DMRQA Nutrients	55035	1515	Ammonia as N	350.1	Approved
WP & DMRQA Nutrients #2	55064	1795	Total Kjeldahl Nitrogen	351.2	Approved
WP & DMRQA Nutrients	55035	1810	Nitrate as N	353.2	Approved
WP Nitrate & Nitrite	55130	1810	Nitrate as N	353.2	Approved
WP Nitrate & Nitrite	55130	1820	Nitrite + Nitrate as N	353.2	Approved
WP Nitrate & Nitrite	55130	1840	Nitrite as N	353.2	Approved
WP & DMRQA Trace Elements	55024	1000	Aluminum	6010B	Approved
WP Trace Elements	55025	1005	Antimony	6010B	Approved
WP & DMRQA Trace Elements	55024	1010	Arsenic	6010B	Approved
WP Trace Elements	55025	1015	Barium	6010B	Approved
WP Trace Elements	55025	1015	Barium	6010B	Approved
WP Trace Elements	55025	1020	Beryllium	6010B	Approved
WP Trace Elements	55025	1020	Beryllium	6010B	Approved
WP Trace Elements	55025	1025	Boron	6010B	Approved
WP & DMRQA Trace Elements	55024	1030	Cadmium	6010B	Approved
WP Minerals #1	55144	1035	Calcium	6010B	Approved
WP & DMRQA Trace Elements	55024	1040	Chromium	6010B	Approved
WP & DMRQA Trace Elements	55024	1050	Cobalt	6010B	Approved
WP & DMRQA Trace Elements	55024	1055	Copper	6010B	Approved
WP & DMRQA Trace Elements	55024	1070	Iron	6010B	Approved
WP & DMRQA Trace Elements	55024	1075	Lead	6010B	Approved
WP Minerals #1	55144	1085	Magnesium	6010B	Approved
WP & DMRQA Trace Elements	55024	1090	Manganese	6010B	Approved
WP Trace Elements	55025	1100	Molybdenum	6010B	Approved
WP & DMRQA Trace Elements	55024	1105	Nickel	6010B	Approved
WP Minerals #2	55145	1125	Potassium	6010B	Approved
WP & DMRQA Trace Elements	55024	1140	Selenium	6010B	Approved
WP Trace Elements	55025	1150	Silver	6010B	Approved
WP Minerals #2	55145	1155	Sodium	6010B	Approved
WP Trace Elements	55025	1160	Strontium	6010B	Approved
WP Trace Elements	55025	1165	Thallium	6010B	Approved
WP Tin	55095	1175	Tin	6010B	Approved
WP Tin	55095	1175	Tin	6010B	Approved
WP Trace Elements	55025	1180	Titanium	6010B	Approved
WP & DMRQA Trace Elements	55024	1185	Vanadium	6010B	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
WP & DMRQA Trace Elements	55024	1190	Zinc	6010B	Approved
NPTA			Zirconium	6010B	Approved
WP & DMRQA Trace Elements	55024	1000	Aluminum	6010C	Approved
WP Trace Elements	55025	1005	Antimony	6010C	Approved
WP & DMRQA Trace Elements	55024	1010	Arsenic	6010C	Approved
WP Trace Elements	55025	1015	Barium	6010C	Approved
WP Trace Elements	55025	1015	Barium	6010C	Approved
WP Trace Elements	55025	1020	Beryllium	6010C	Approved
WP Trace Elements	55025	1020	Beryllium	6010C	Approved
WP Trace Elements	55025	1025	Boron	6010C	Approved
WP & DMRQA Trace Elements	55024	1030	Cadmium	6010C	Approved
	55144	1035	Calcium	6010C	Approved
WP & DMRQA Trace Elements	55024	1040	Chromium	6010C	Approved
WP & DMRQA Trace Elements	55024	1050	Cobalt	6010C	Approved
WP & DMRQA Trace Elements	55024	1055	Copper	6010C	Approved
WP & DMRQA Trace Elements	55024	1070	Iron	6010C	Approved
WP & DMRQA Trace Elements	55024	1075	Lead	6010C	Approved
WP & DMRQA Trace Elements	55024	1090	Manganese	6010C	Approved
WP Trace Elements	55025	1100	Molybdenum	6010C	Approved
WP & DMRQA Trace Elements	55024	1105	Nickel	6010C	Approved
	55145	1125	Potassium	6010C	Approved
WP & DMRQA Trace Elements	55024	1140	Selenium	6010C	Approved
WP Trace Elements	55025	1150	Silver	6010C	Approved
WP Trace Elements	55025	1160	Strontium	6010C	Approved
WP Trace Elements	55025	1165	Thallium	6010C	Approved
WP Trace Elements	55095	1175	Tin	6010C	Approved
WP Trace Elements	55025	1180	Titanium	6010C	Approved
WP & DMRQA Trace Elements	55024	1185	Vanadium	6010C	Approved
WP & DMRQA Trace Elements	55024	1190	Zinc	6010C	Approved
NPTA			Zirconium	6010C	Approved
WP & DMRQA Trace Elements	55024	1000	Aluminum	6020	Approved
WP Trace Elements	55025	1005	Antimony	6020	Approved
WP & DMRQA Trace Elements	55024	1010	Arsenic	6020	Approved
WP Trace Elements	55025	1015	Barium	6020	Approved
WP Trace Elements	55025	1020	Beryllium	6020	Approved
WP Trace Elements	55025	1025	Boron	6020	Approved
WP & DMRQA Trace Elements	55024	1030	Cadmium	6020	Approved
	55144	1035	Calcium	6020	Approved
WP & DMRQA Trace Elements	55024	1040	Chromium	6020	Approved
WP & DMRQA Trace Elements	55024	1050	Cobalt	6020	Approved
WP & DMRQA Trace Elements	55024	1055	Copper	6020	Approved
WP & DMRQA Trace Elements	55024	1070	Iron	6020	Approved
WP & DMRQA Trace Elements	55024	1075	Lead	6020	Approved
WP & DMRQA Trace Elements	55024	1090	Manganese	6020	Approved
WP Trace Elements	55025	1100	Molybdenum	6020	Approved
WP & DMRQA Trace Elements	55024	1105	Nickel	6020	Approved
NPTA			Total Phosphorous	6020	Approved
	55145	1125	Potassium	6020	Approved
WP & DMRQA Trace Elements	55024	1140	Selenium	6020	Approved
WP Trace Elements	55025	1150	Silver	6020	Approved
WP Trace Elements	55025	1160	Strontium	6020	Approved
WP Trace Elements	55025	1165	Thallium	6020	Approved
WP Tin	55095	1175	Tin	6020	Approved
WP Trace Elements	55025	1180	Titanium	6020	Approved
WP & DMRQA Trace Elements	55024	1185	Vanadium	6020	Approved
WP & DMRQA Trace Elements	55024	1190	Zinc	6020	Approved
NPTA			Zirconium	6020	Approved
WP & DMRQA Trace Elements	55024	1000	Aluminum	6020A	Approved
WP Trace Elements	55025	1005	Antimony	6020A	Approved
WP & DMRQA Trace Elements	55024	1010	Arsenic	6020A	Approved
WP Trace Elements	55025	1015	Barium	6020A	Approved
WP Trace Elements	55025	1020	Beryllium	6020A	Approved
WP Trace Elements	55025	1025	Boron	6020A	Approved
WP & DMRQA Trace Elements	55024	1030	Cadmium	6020A	Approved
	55144	1035	Calcium	6020A	Approved
WP & DMRQA Trace Elements	55024	1040	Chromium	6020A	Approved
WP & DMRQA Trace Elements	55024	1050	Cobalt	6020A	Approved
WP & DMRQA Trace Elements	55024	1055	Copper	6020A	Approved
WP & DMRQA Trace Elements	55024	1070	Iron	6020A	Approved
WP & DMRQA Trace Elements	55024	1075	Lead	6020A	Approved
WP & DMRQA Trace Elements	55024	1090	Manganese	6020A	Approved
WP Trace Elements	55025	1100	Molybdenum	6020A	Approved
WP & DMRQA Trace Elements	55024	1105	Nickel	6020A	Approved
NPTA			Total Phosphorous	6020A	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
	55145	1125	Potassium	6020A	Approved
WP & DMRQA Trace Elements	55024	1140	Selenium	6020A	Approved
WP Trace Elements	55025	1150	Silver	6020A	Approved
WP Trace Elements	55025	1160	Strontium	6020A	Approved
WP Trace Elements	55025	1165	Thallium	6020A	Approved
	55095	1175	Tin	6020A	Approved
WP Trace Elements	55025	1180	Titanium	6020A	Approved
WP & DMRQA Trace Elements	55024	1185	Vanadium	6020A	Approved
WP & DMRQA Trace Elements	55024	1190	Zinc	6020A	Approved
NPTA			Zirconium	6020A	Approved
WP Perchlorate	55116	1895	Perchlorate	6850	Approved
WP Hexavalent Chromium	55096	1045	Chromium VI	7196A	Approved
WP Hexavalent Chromium	55096	1045	Chromium VI	7199	Approved
WP & DMRQA Trace Elements	55024	1095	Mercury	7470A	Approved
Volatiles	PEO-120-3B	5180	1,2,3-Trichloropropane	8011	Approved
Volatiles	PEO-120-3B	4570	1,2-Dibromo-3-chloropropane (DBCP)	8011	Approved
Volatiles	PEO-120-3B	4585	1,2-Dibromomethane (EDB, Ethylene dibromide)	8011	Approved
Volatiles	PEO-010	9408	Gasoline Range Organics, C6-C10	8015B	Approved
			Motor Oil	8015B	Approved
Petroleum Hydrocarbons in Water	PEO-010	99990	Total Purgeable Hydrocarbons	8015B	Approved
Petroleum Hydrocarbons in Water	PEO-011	9369	Diesel Range Organics (C10-C28)	8015B	Approved
Volatiles	PEO-010	9408	Gasoline Range Organics, C6-C10	8015C	Approved
			Motor Oil	8015C	Approved
Petroleum Hydrocarbons in Water	PEO-010	99990	Total Purgeable Hydrocarbons	8015C	Approved
Petroleum Hydrocarbons in Water	PEO-011	9369	Diesel Range Organics (C10-C28)	8015C	Approved
Volatiles	PEO-010	9408	Gasoline Range Organics, C6-C10	8015D	Approved
			Motor Oil	8015D	Approved
Petroleum Hydrocarbons in Water	PEO-010	99990	Total Purgeable Hydrocarbons	8015D	Approved
Petroleum Hydrocarbons in Water	PEO-011	9369	Diesel Range Organics (C10-C28)	8015D	Approved
WP Pesticide Amp 2	38046	7250	Chlordane	8081A	Approved
WP Organochlorine Pesticides	38122	7810	4,4';-Methoxychlor	8081A	Approved
WP Organochlorine Pesticides	38122	7355	4,4'-DDD	8081A	Approved
WP Organochlorine Pesticides	38122	7360	4,4'-DDE	8081A	Approved
WP Organochlorine Pesticides	38122	7365	4,4'-DDT	8081A	Approved
WP Organochlorine Pesticides	38122	7110	a-BHC	8081A	Approved
WP Organochlorine Pesticides	38122	7240	a-Chlordane	8081A	Approved
WP Organochlorine Pesticides	38122	7025	Aldrin	8081A	Approved
WP Organochlorine Pesticides	38122	7115	b-BHC	8081A	Approved
WP Organochlorine Pesticides	38122	7105	d-BHC	8081A	Approved
WP Organochlorine Pesticides	38122	7470	Dieldrin	8081A	Approved
WP Organochlorine Pesticides	38122	7510	Endosulfan I	8081A	Approved
WP Organochlorine Pesticides	38122	7515	Endosulfan II	8081A	Approved
WP Organochlorine Pesticides	38122	7520	Endosulfan sulfate	8081A	Approved
WP Organochlorine Pesticides	38122	7540	Endrin	8081A	Approved
WP Organochlorine Pesticides	38122	7530	Endrin aldehyde	8081A	Approved
WP Organochlorine Pesticides	38122	7535	Endrin ketone	8081A	Approved
WP Organochlorine Pesticides	38122	7120	g-BHC (Lindane)	8081A	Approved
WP Organochlorine Pesticides	38122	7245	g-Chlordane	8081A	Approved
WP Organochlorine Pesticides	38122	7685	Heptachlor	8081A	Approved
WP Organochlorine Pesticides	38122	7690	Heptachlor epoxide	8081A	Approved
			Hexachlorobenzene	8081A	Approved
WP Toxaphene	38125	8250	Toxaphene	8081A	Approved
WP Pesticide Amp 2	38046	7250	Chlordane	8081B	Approved
WP Organochlorine Pesticides	38122	7810	4,4';-Methoxychlor	8081B	Approved
WP Organochlorine Pesticides	38122	7355	4,4'-DDD	8081B	Approved
WP Organochlorine Pesticides	38122	7360	4,4'-DDE	8081B	Approved
WP Organochlorine Pesticides	38122	7365	4,4'-DDT	8081B	Approved
WP Organochlorine Pesticides	38122	7110	a-BHC	8081B	Approved
WP Organochlorine Pesticides	38122	7240	a-Chlordane	8081B	Approved
WP Organochlorine Pesticides	38122	7025	Aldrin	8081B	Approved
WP Organochlorine Pesticides	38122	7115	b-BHC	8081B	Approved
WP Organochlorine Pesticides	38122	7105	d-BHC	8081B	Approved
WP Organochlorine Pesticides	38122	7470	Dieldrin	8081B	Approved
WP Organochlorine Pesticides	38122	7510	Endosulfan I	8081B	Approved
WP Organochlorine Pesticides	38122	7515	Endosulfan II	8081B	Approved
WP Organochlorine Pesticides	38122	7520	Endosulfan sulfate	8081B	Approved
WP Organochlorine Pesticides	38122	7540	Endrin	8081B	Approved
WP Organochlorine Pesticides	38122	7530	Endrin aldehyde	8081B	Approved
WP Organochlorine Pesticides	38122	7535	Endrin ketone	8081B	Approved
WP Organochlorine Pesticides	38122	7120	g-BHC (Lindane)	8081B	Approved
WP Organochlorine Pesticides	38122	7245	g-Chlordane	8081B	Approved
WP Organochlorine Pesticides	38122	7685	Heptachlor	8081B	Approved
WP Organochlorine Pesticides	38122	7690	Heptachlor epoxide	8081B	Approved
			Hexachlorobenzene	8081B	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
WP Toxaphene	38125	8250	Toxaphene	8081B	Approved
WP PCBs in Water #2	38091	8880	Aroclor 1016	8082	Approved
WP PCBs in Water #2	38091	8885	Aroclor 1221	8082	Approved
WP PCBs in Water #2	38091	8890	Aroclor 1232	8082	Approved
WP PCBs in Water #2	38091	8895	Aroclor 1242	8082	Approved
WP PCBs in Water #2	38091	8900	Aroclor 1248	8082	Approved
WP PCBs in Water #2	38091	8905	Aroclor 1254	8082	Approved
WP PCBs in Water #2	38091	8910	Aroclor 1260	8082	Approved
WP PCBs in Transformer Oil #2	38092	8880	PCB in Oil 1016 or 1242	8082	Approved
WP PCBs in Transformer Oil #2	38092	100	PCB in Oil 1254	8082	Approved
WP PCBs in Transformer Oil #2	38092	8910	PCB in Oil 1260	8082	Approved
WP PCBs in Water #1	38094	8880	Aroclor 1016	8082	Approved
WP PCBs in Water #1	38094	8885	Aroclor 1221	8082	Approved
WP PCBs in Water #1	38094	8890	Aroclor 1232	8082	Approved
WP PCBs in Water #1	38094	8895	Aroclor 1242	8082	Approved
WP PCBs in Water #1	38094	8900	Aroclor 1248	8082	Approved
WP PCBs in Water #1	38094	8905	Aroclor 1254	8082	Approved
WP PCBs in Water #1	38094	8910	Aroclor 1260	8082	Approved
WP PCBs in Water	38095	8880	PCB in Oil 1016 or 1242	8082	Approved
WP PCBs in Water	38095	100	PCB in Oil 1254	8082	Approved
WP PCBs in Water	38095	101	PCB in Oil 1260	8082	Approved
WS PCBs in Water	38133	8880	Aroclor 1016	8082	Approved
WS PCBs in Water	38133	8885	Aroclor 1221	8082	Approved
WS PCBs in Water	38133	8890	Aroclor 1232	8082	Approved
WS PCBs in Water	38133	8895	Aroclor 1242	8082	Approved
WS PCBs in Water	38133	8900	Aroclor 1248	8082	Approved
WS PCBs in Water	38133	8905	Aroclor 1254	8082	Approved
WS PCBs in Water	38133	8910	Aroclor 1260	8082	Approved
PCBs in Water	PEO-020	8912	Aroclor 1016/1242	8082	Approved
PCBs in Water	PEO-020	8912	Aroclor 1016/1242	8082	Approved
PCBs in Water	PEO-020	8880	Aroclor-1016 (PCB-1016)	8082	Approved
PCBs in Water	PEO-020	8880	Aroclor-1016 (PCB-1016)	8082	Approved
PCBs in Water	PEO-020	8885	Aroclor-1221 (PCB-1221)	8082	Approved
PCBs in Water	PEO-020	8885	Aroclor-1221 (PCB-1221)	8082	Approved
PCBs in Water	PEO-020	8890	Aroclor-1232 (PCB-1232)	8082	Approved
PCBs in Water	PEO-020	8890	Aroclor-1232 (PCB-1232)	8082	Approved
PCBs in Water	PEO-020	8895	Aroclor-1242 (PCB-1242)	8082	Approved
PCBs in Water	PEO-020	8895	Aroclor-1242 (PCB-1242)	8082	Approved
PCBs in Water	PEO-020	8900	Aroclor-1248 (PCB-1248)	8082	Approved
PCBs in Water	PEO-020	8900	Aroclor-1248 (PCB-1248)	8082	Approved
PCBs in Water	PEO-020	8905	Aroclor-1254 (PCB-1254)	8082	Approved
PCBs in Water	PEO-020	8905	Aroclor-1254 (PCB-1254)	8082	Approved
PCBs in Water	PEO-020	8910	Aroclor-1260 (PCB-1260)	8082	Approved
PCBs in Water	PEO-020	8910	Aroclor-1260 (PCB-1260)	8082	Approved
WP PCBs in Water #2	38091	8880	Aroclor 1016	8082A	Approved
WP PCBs in Water #2	38091	8885	Aroclor 1221	8082A	Approved
WP PCBs in Water #2	38091	8890	Aroclor 1232	8082A	Approved
WP PCBs in Water #2	38091	8895	Aroclor 1242	8082A	Approved
WP PCBs in Water #2	38091	8900	Aroclor 1248	8082A	Approved
WP PCBs in Water #2	38091	8905	Aroclor 1254	8082A	Approved
WP PCBs in Water #2	38091	8910	Aroclor 1260	8082A	Approved
WP PCBs in Transformer Oil #2	38092	8880	PCB in Oil 1016 or 1242	8082A	Approved
WP PCBs in Transformer Oil #2	38092	100	PCB in Oil 1254	8082A	Approved
WP PCBs in Transformer Oil #2	38092	8910	PCB in Oil 1260	8082A	Approved
WP PCBs in Water #1	38094	8880	Aroclor 1016	8082A	Approved
WP PCBs in Water #1	38094	8885	Aroclor 1221	8082A	Approved
WP PCBs in Water #1	38094	8890	Aroclor 1232	8082A	Approved
WP PCBs in Water #1	38094	8895	Aroclor 1242	8082A	Approved
WP PCBs in Water #1	38094	8900	Aroclor 1248	8082A	Approved
WP PCBs in Water #1	38094	8905	Aroclor 1254	8082A	Approved
WP PCBs in Water #1	38094	8910	Aroclor 1260	8082A	Approved
WP PCBs in Water	38095	8880	PCB in Oil 1016 or 1242	8082A	Approved
WP PCBs in Water	38095	100	PCB in Oil 1254	8082A	Approved
WP PCBs in Water	38095	101	PCB in Oil 1260	8082A	Approved
WS PCBs in Water	38133	8880	Aroclor 1016	8082A	Approved
WS PCBs in Water	38133	8885	Aroclor 1221	8082A	Approved
WS PCBs in Water	38133	8890	Aroclor 1232	8082A	Approved
WS PCBs in Water	38133	8895	Aroclor 1242	8082A	Approved
WS PCBs in Water	38133	8900	Aroclor 1248	8082A	Approved
WS PCBs in Water	38133	8905	Aroclor 1254	8082A	Approved
WS PCBs in Water	38133	8910	Aroclor 1260	8082A	Approved
PCBs in Water	PEO-020	8912	Aroclor 1016/1242	8082A	Approved
PCBs in Water	PEO-020	8912	Aroclor 1016/1242	8082A	Approved
PCBs in Water	PEO-020	8880	Aroclor-1016 (PCB-1016)	8082A	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
PCBs in Water	PEO-020	8880	Aroclor-1016 (PCB-1016)	8082A	Approved
PCBs in Water	PEO-020	8885	Aroclor-1221 (PCB-1221)	8082A	Approved
PCBs in Water	PEO-020	8885	Aroclor-1221 (PCB-1221)	8082A	Approved
PCBs in Water	PEO-020	8890	Aroclor-1232 (PCB-1232)	8082A	Approved
PCBs in Water	PEO-020	8890	Aroclor-1232 (PCB-1232)	8082A	Approved
PCBs in Water	PEO-020	8895	Aroclor-1242 (PCB-1242)	8082A	Approved
PCBs in Water	PEO-020	8895	Aroclor-1242 (PCB-1242)	8082A	Approved
PCBs in Water	PEO-020	8900	Aroclor-1248 (PCB-1248)	8082A	Approved
PCBs in Water	PEO-020	8900	Aroclor-1248 (PCB-1248)	8082A	Approved
PCBs in Water	PEO-020	8905	Aroclor-1254 (PCB-1254)	8082A	Approved
PCBs in Water	PEO-020	8905	Aroclor-1254 (PCB-1254)	8082A	Approved
PCBs in Water	PEO-020	8910	Aroclor-1260 (PCB-1260)	8082A	Approved
PCBs in Water	PEO-020	8910	Aroclor-1260 (PCB-1260)	8082A	Approved
CWA Organophosphorous Pesticides	38135	7075	Azinphosmethyl	8141A	Approved
WP Organophosphorous Pesticides	38135	7075	Azinphosmethyl (Guthion)	8141A	Approved
CWA Organophosphorous Pesticides	38135	7300	Chlorpyrifos	8141A	Approved
WP Organophosphorous Pesticides	38135	7390	Demeton, (Mix of Isomers O:S [35%:56%])	8141A	Approved
CWA Organophosphorous Pesticides	38135	7390	Demeton, (Mix of Isomers O:S)	8141A	Approved
CWA Organophosphorous Pesticides	38135	7410	Diazinon	8141A	Approved
WP Organophosphorous Pesticides	38135	7410	Diazinon	8141A	Approved
CWA Organophosphorous Pesticides	38135	8610	Dichlorvos	8141A	Approved
CWA Organophosphorous Pesticides	38135	7475	Dimethoate	8141A	Approved
CWA Organophosphorous Pesticides	38135	8625	Disulfoton	8141A	Approved
WP Organophosphorous Pesticides	38135	8625	Disulfoton	8141A	Approved
CWA Organophosphorous Pesticides	38135	7565	Ethion	8141A	Approved
WP Organophosphorous Pesticides	38135	7565	Ethion	8141A	Approved
CWA Organophosphorous Pesticides	38135	7570	Ethoprop	8141A	Approved
CWA Organophosphorous Pesticides	38135	7770	Malathion	8141A	Approved
WP Organophosphorous Pesticides	38135	7770	Malathion	8141A	Approved
CWA Organophosphorous Pesticides	38135	7955	Parathion ethyl	8141A	Approved
CWA Organophosphorous Pesticides	38135	7825	Parathion methyl	8141A	Approved
CWA Organophosphorous Pesticides	38135	7985	Phorate	8141A	Approved
CWA Organophosphorous Pesticides	38135	8110	Ronnel	8141A	Approved
CWA Organophosphorous Pesticides	38135	8200	Stirophos	8141A	Approved
CWA Organophosphorous Pesticides	38135	7075	Azinphosmethyl	8141B	Approved
WP Organophosphorous Pesticides	38135	7075	Azinphosmethyl (Guthion)	8141B	Approved
CWA Organophosphorous Pesticides	38135	7300	Chlorpyrifos	8141B	Approved
WP Organophosphorous Pesticides	38135	7390	Demeton, (Mix of Isomers O:S [35%:56%])	8141B	Approved
CWA Organophosphorous Pesticides	38135	7390	Demeton, (Mix of Isomers O:S)	8141B	Approved
CWA Organophosphorous Pesticides	38135	7410	Diazinon	8141B	Approved
WP Organophosphorous Pesticides	38135	7410	Diazinon	8141B	Approved
CWA Organophosphorous Pesticides	38135	8610	Dichlorvos	8141B	Approved
CWA Organophosphorous Pesticides	38135	7475	Dimethoate	8141B	Approved
CWA Organophosphorous Pesticides	38135	8625	Disulfoton	8141B	Approved
WP Organophosphorous Pesticides	38135	8625	Disulfoton	8141B	Approved
CWA Organophosphorous Pesticides	38135	7565	Ethion	8141B	Approved
WP Organophosphorous Pesticides	38135	7565	Ethion	8141B	Approved
CWA Organophosphorous Pesticides	38135	7570	Ethoprop	8141B	Approved
CWA Organophosphorous Pesticides	38135	7770	Malathion	8141B	Approved
WP Organophosphorous Pesticides	38135	7770	Malathion	8141B	Approved
CWA Organophosphorous Pesticides	38135	7955	Parathion ethyl	8141B	Approved
CWA Organophosphorous Pesticides	38135	7825	Parathion methyl	8141B	Approved
CWA Organophosphorous Pesticides	38135	7985	Phorate	8141B	Approved
CWA Organophosphorous Pesticides	38135	8110	Ronnel	8141B	Approved
CWA Organophosphorous Pesticides	38135	8200	Stirophos	8141B	Approved
WP Herbicide Acid Mix #2	38136	8655	2,4,5-T	8151A	Approved
WP Acrolein & Acrylonitrile	38126	8545	2,4-D (2,4-Dichlorophenoxyacetic acid)	8151A	Approved
WP Herbicide Acid Mix #2	38136	8560	2,4-DB	8151A	Approved
WP Herbicide Acid Mix #2	38136	8600	3,5-Dichlorobenzoic acid	8151A	Approved
WP Herbicide Acid Mix #2	38136	6500	4-Nitrophenol	8151A	Approved
WP Acrolein & Acrylonitrile	38126	8505	Acifluorfen	8151A	Approved
WP Herbicide Acid Mix #2	38136	8530	Bentazon	8151A	Approved
WP Herbicide Acid Mix #2	38136	8540	Chloramben	8151A	Approved
WP Herbicide Acid Mix #2	38136	8550	Dacthal	8151A	Approved
WP Acrolein & Acrylonitrile	38126	8555	Dalapon	8151A	Approved
WP Acrolein & Acrylonitrile	38126	8595	Dicamba	8151A	Approved
WP Herbicide Acid Mix #2	38136	8605	Dichlorprop	8151A	Approved
WP Acrolein & Acrylonitrile	38126	8620	Dinoseb (2-sec-Butyl-4,6-dinitrophenol)	8151A	Approved
NPTA			MCPA	8151A	Approved
NPTA			MCPP	8151A	Approved
WP Acrolein & Acrylonitrile	38126	6605	Pentachlorophenol	8151A	Approved
WP Acrolein & Acrylonitrile	38126	8645	Picloram	8151A	Approved
WP Acrolein & Acrylonitrile	38126	8650	Silvex (2,4,5-TP)	8151A	Approved
Volatiles in Non-Portable Water	38083	5105	1,1,1,2-Tetrachloroethane	8260B	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
Volatiles in Non-Portable Water	38083	5160	1,1,1-Trichloroethane	8260B	Approved
Volatiles in Non-Portable Water	38083	5110	1,1,2,2-Tetrachloroethane	8260B	Approved
Volatiles in Non-Portable Water	38083	5165	1,1,2-Trichloroethane	8260B	Approved
WP Oxygenates	38157	5185	1,1,2-Trichlorotrifluoroethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4630	1,1-Dichloroethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4640	1,1-Dichloroethene	8260B	Approved
Volatiles in Non-Portable Water	38083	4670	1,1-Dichloropropene	8260B	Approved
Volatiles in Non-Portable Water	38083	5150	1,2,3-Trichlorobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	5180	1,2,3-Trichloropropane	8260B	Approved
Volatiles in Non-Portable Water	38083	5155	1,2,4-Trichlorobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	5210	1,2,4-Trimethylbenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4570	1,2-Dibromo-3-chloropropane	8260B	Approved
Volatiles in Non-Portable Water	38083	4585	1,2-Dibromoethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4610	1,2-Dichlorobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4635	1,2-Dichloroethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4655	1,2-Dichloropropane	8260B	Approved
Volatiles in Non-Portable Water	38083	5215	1,3,5-Trimethylbenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4615	1,3-Dichlorobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4660	1,3-Dichloropropane	8260B	Approved
Volatiles in Non-Portable Water	38083	4620	1,4-Dichlorobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4665	2,2-Dichloropropane	8260B	Approved
WP Ketones	38134	4410	2-Butanone	8260B	Approved
WP Ketones	38134	4410	2-Butanone	8260B	Approved
WP 2-Chloroethyl vinyl ether	38128	4500	2-Chloroethyl vinyl ether	8260B	Approved
Volatiles in Non-Portable Water	38083	4535	2-Chlorotoluene	8260B	Approved
WP Ketones	38134	4860	2-Hexanone	8260B	Approved
WP Ketones	38134	4860	2-Hexanone	8260B	Approved
Volatiles in Non-Portable Water	38083	4540	4-Chlorotoluene	8260B	Approved
Volatiles in Non-Portable Water	38083	4995	4-methyl-2-pentanone	8260B	Approved
WP Ketones	38134	4995	4-Methyl-2-pentanone	8260B	Approved
WP Ketones	38134	4995	4-Methyl-2-pentanone	8260B	Approved
WP Ketones	38134	4315	Acetone	8260B	Approved
WP Ketones	38134	4315	Acetone	8260B	Approved
WP Acrolein & Acrylonitrile	38123	0150	Acrolein	8260B	Approved
WP Acrolein & Acrylonitrile	38123	4325	Acrolein	8260B	Approved
WP Acrolein & Acrylonitrile	38123	1051	Acrolein	8260B	Approved
WP Acrolein & Acrylonitrile	38123	1051	Acrylonitrile	8260B	Approved
Volatiles in Non-Portable Water	38083	4375	Benzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4385	Bromobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4390	Bromochloromethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4395	Bromodichloromethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4400	Bromoform	8260B	Approved
Volatiles in Non-Portable Water	38083	4950	Bromomethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4450	Carbon disulphide	8260B	Approved
Volatiles in Non-Portable Water	38083	4455	Carbon tetrachloride	8260B	Approved
Volatiles in Non-Portable Water	38083	4475	Chlorobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4485	Chloroethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4505	Chloroform	8260B	Approved
Volatiles in Non-Portable Water	38083	4960	Chloromethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4645	cis-1,2-Dichloroethene	8260B	Approved
Volatiles in Non-Portable Water	38083	4680	cis-1,3-Dichloropropene	8260B	Approved
Volatiles in Non-Portable Water	38083	4575	Dibromochloromethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4595	Dibromomethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4625	Dichlorodifluoromethane	8260B	Approved
Volatiles in Non-Portable Water	38083	4765	Ethyl benzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4835	Hexachlorobutadiene	8260B	Approved
Volatiles in Non-Portable Water	38083	4840	Hexachloroethane	8260B	Approved
WP Oxygenates	38157	9375	Isopropyl ether (DIPE)	8260B	Approved
Volatiles in Non-Portable Water	38083	4900	Isopropylbenzene	8260B	Approved
NPTA			Methyl Ethyl Ketone	8260B	Approved
Volatiles in Non-Portable Water	38083	5000	Methyl tert-butyl ether (MTBE)	8260B	Approved
WP Oxygenates	38157	5000	Methyl tert-butyl ether (MTBE)	8260B	Approved
Volatiles in Non-Portable Water	38083	4975	Methylene chloride (Dichloromethane)	8260B	Approved
Volatiles in Non-Portable Water	38083	5005	Naphthalene	8260B	Approved
Volatiles in Non-Portable Water	38083	4435	n-Butyl benzene	8260B	Approved
Volatiles in Non-Portable Water	38083	5015	Nitrobenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	5090	n-Propylbenzene	8260B	Approved
WP Oxygenates	38157	5090	n-Propylbenzene	8260B	Approved
Volatiles in Non-Portable Water	38083	4440	sec-Butyl benzene	8260B	Approved
Volatiles in Non-Portable Water	38083	5100	Styrene	8260B	Approved
WP Oxygenates	38157	4370	tert-Amyl methyl ether (TAME)	8260B	Approved
WP Oxygenates	38157	4420	tert-Butyl alcohol (t-Butanol)	8260B	Approved
Volatiles in Non-Portable Water	38083	4445	tert-Butyl benzene	8260B	Approved
WP Oxygenates	38157	4770	tert-Butyl ethyl ether (ETBE)	8260B	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
Volatiles in Non-Portable Water	38083	5115	Tetrachloroethene	8260B	Approved
Volatiles in Non-Portable Water	38083	5140	Toluene	8260B	Approved
Volatiles in Non-Portable Water	38083	5260	Total Xylenes	8260B	Approved
Volatiles in Non-Portable Water	38083	4700	trans-1,2-Dichloroethene	8260B	Approved
Volatiles in Non-Portable Water	38083	4685	trans-1,3-Dichloropropene	8260B	Approved
Volatiles in Non-Portable Water	38083	5170	Trichloroethene	8260B	Approved
Volatiles in Non-Portable Water	38083	5175	Trichlorofluoromethane	8260B	Approved
Volatiles in Non-Portable Water	38083	5235	Vinyl chloride	8260B	Approved
NPTA			Cyclohexane	8260B	Approved
NPTA			Methyl Acetate	8260B	Approved
NPTA			Methylcyclohexane	8260B	Approved
NPTA			m&p Xylenes	8260B	Approved
NPTA			o-Xylene	8260B	Approved
NPTA			p-isopropyltoluene	8260B	Approved
NPTA			Vinyl Acetate	8260B	Approved
Volatiles in Non-Portable Water	38083	5105	1,1,1,2-Tetrachloroethane	8260C	Approved
Volatiles in Non-Portable Water	38083	5160	1,1,1-Trichloroethane	8260C	Approved
Volatiles in Non-Portable Water	38083	5110	1,1,2,2-Tetrachloroethane	8260C	Approved
Volatiles in Non-Portable Water	38083	5165	1,1,2-Trichloroethane	8260C	Approved
WP Oxygenates	38157	5185	1,1,2-Trichlorotrifluoroethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4630	1,1-Dichloroethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4640	1,1-Dichloroethene	8260C	Approved
Volatiles in Non-Portable Water	38083	4670	1,1-Dichloropropene	8260C	Approved
Volatiles in Non-Portable Water	38083	5150	1,2,3-Trichlorobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	5180	1,2,3-Trichloropropane	8260C	Approved
Volatiles in Non-Portable Water	38083	5155	1,2,4-Trichlorobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	5210	1,2,4-Trimethylbenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4570	1,2-Dibromo-3-chloropropane	8260C	Approved
Volatiles in Non-Portable Water	38083	4585	1,2-Dibromoethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4610	1,2-Dichlorobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4635	1,2-Dichloroethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4655	1,2-Dichloropropane	8260C	Approved
Volatiles in Non-Portable Water	38083	5215	1,3,5-Trimethylbenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4615	1,3-Dichlorobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4660	1,3-Dichloropropane	8260C	Approved
Volatiles in Non-Portable Water	38083	4620	1,4-Dichlorobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4665	2,2-Dichloropropane	8260C	Approved
WP Ketones	38134	4410	2-Butanone	8260C	Approved
WP 2-Chloroethyl vinyl ether	38128	4500	2-Chloroethyl vinyl ether	8260C	Approved
Volatiles in Non-Portable Water	38083	4535	2-Chlorotoluene	8260C	Approved
WP Ketones	38134	4860	2-Hexanone	8260C	Approved
Volatiles in Non-Portable Water	38083	4540	4-Chlorotoluene	8260C	Approved
Volatiles in Non-Portable Water	38083	4995	4-methyl-2-pentanone	8260C	Approved
WP Ketones	38134	4995	4-Methyl-2-pentanone	8260C	Approved
WP Ketones	38134	4315	Acetone	8260C	Approved
WP Acrolein & Acrylonitrile	38123	4325	Acrolein (Propenal)	8260C	Approved
WP Acrolein & Acrylonitrile	38123	1051	Acrylonitrile	8260C	Approved
Volatiles in Non-Portable Water	38083	4375	Benzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4385	Bromobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4390	Bromochloromethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4395	Bromodichloromethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4400	Bromoform	8260C	Approved
Volatiles in Non-Portable Water	38083	4950	Bromomethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4450	Carbon disulphide	8260C	Approved
Volatiles in Non-Portable Water	38083	4455	Carbon tetrachloride	8260C	Approved
Volatiles in Non-Portable Water	38083	4475	Chlorobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4485	Chloroethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4505	Chloroform	8260C	Approved
Volatiles in Non-Portable Water	38083	4960	Chloromethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4645	cis-1,2-Dichloroethene	8260C	Approved
Volatiles in Non-Portable Water	38083	4680	cis-1,3-Dichloropropene	8260C	Approved
Volatiles in Non-Portable Water	38083	4575	Dibromochloromethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4595	Dibromomethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4625	Dichlorodifluoromethane	8260C	Approved
Volatiles in Non-Portable Water	38083	4765	Ethyl benzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4835	Hexachlorobutadiene	8260C	Approved
Volatiles in Non-Portable Water	38083	4840	Hexachloroethane	8260C	Approved
WP Oxygenates	38157	9375	Isopropyl ether (DIPE)	8260C	Approved
Volatiles in Non-Portable Water	38083	4900	Isopropylbenzene	8260C	Approved
NPTA			Methyl Ethyl Ketone	8260C	Approved
Volatiles in Non-Portable Water	38083	5000	Methyl tert-butyl ether (MTBE)	8260C	Approved
WP Oxygenates	38157	5000	Methyl tert-butyl ether (MTBE)	8260C	Approved
Volatiles in Non-Portable Water	38083	4975	Methylene chloride (Dichloromethane)	8260C	Approved
Volatiles in Non-Portable Water	38083	5005	Naphthalene	8260C	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
Volatiles in Non-Portable Water	38083	4435	n-Butyl benzene	8260C	Approved
Volatiles in Non-Portable Water	38083	5015	Nitrobenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	5090	n-Propylbenzene	8260C	Approved
WP Oxygenates	38157	5090	n-Propylbenzene	8260C	Approved
Volatiles in Non-Portable Water	38083	4910	p-isopropyl tolutne	8260C	Approved
Volatiles in Non-Portable Water	38083	4440	sec-Butyl benzene	8260C	Approved
Volatiles in Non-Portable Water	38083	5100	Styrene	8260C	Approved
WP Oxygenates	38157	4370	tert-Amyl methyl ether (TAME)	8260C	Approved
WP Oxygenates	38157	4420	tert-Butyl alcohol (t-Butanol)	8260C	Approved
Volatiles in Non-Portable Water	38083	4445	tert-Butyl benzene	8260C	Approved
WP Oxygenates	38157	4770	tert-Butyl ethyl ether (ETBE)	8260C	Approved
Volatiles in Non-Portable Water	38083	5115	Tetrachloroethene	8260C	Approved
Volatiles in Non-Portable Water	38083	5140	Toluene	8260C	Approved
Volatiles in Non-Portable Water	38083	5260	Total Xylenes	8260C	Approved
Volatiles in Non-Portable Water	38083	4700	trans-1,2-Dichloroethene	8260C	Approved
Volatiles in Non-Portable Water	38083	4685	trans-1,3-Dichloropropene	8260C	Approved
Volatiles in Non-Portable Water	38083	5170	Trichloroethene	8260C	Approved
Volatiles in Non-Portable Water	38083	5175	Trichlorofluoromethane	8260C	Approved
Volatiles in Non-Portable Water	38083	5235	Vinyl chloride	8260C	Approved
NPTA			Cyclohexane	8260C	Approved
NPTA			Methyl Acetate	8260C	Approved
NPTA			Methylcyclohexane	8260C	Approved
NPTA			m&p Xylenes	8260C	Approved
NPTA			o-Xylene	8260C	Approved
NPTA			p-isopropyltoluene	8260C	Approved
NPTA			Vinyl Acetate	8260C	Approved
Base/Neutrals	PEO-121-2A	5155	1,2,4-Trichlorbenzene	8270C	Approved
Base/Neutrals	PEO-121-2A	5155	1,2,4-Trichlorobenzene	8270C	Approved
Base/Neutrals	PEO-121-2A	4610	1,2-Dichlorobenzene	8270C	Approved
Base/Neutrals	PEO-121-2A	4615	1,3-Dichlorobenzene	8270C	Approved
Base/Neutrals	PEO-121-2A	4620	1,4-Dichlorobenzene	8270C	Approved
Acid Compounds	PEO-022	6735	2,3,4,6-Tetrachlorophenol	8270C	Approved
Acid Compounds	PEO-022	6835	2,4,5-Trichlorophenol	8270C	Approved
Acid Compounds	PEO-022	6840	2,4,6-Trichlorphenol	8270C	Approved
Acid Compounds	PEO-022	6000	2,4-Dichlorophenol	8270C	Approved
Acid Compounds	PEO-022	6130	2,4-Dimethylphenol	8270C	Approved
Acid Compounds	PEO-022	6175	2,4-Dinitrophenol	8270C	Approved
Base/Neutrals	PEO-121-2A	6185	2,4-Dinitrotoluene (2,4-DNT)	8270C	Approved
Acid Compounds	PEO-022	6005	2,6-Dichlorophenol	8270C	Approved
Base/Neutrals	PEO-121-2A	6190	2,6-Dinitrotoluene (2,6-DNT)	8270C	Approved
Base/Neutrals	PEO-121-2A	5795	2-Chloronaphthalene	8270C	Approved
Acid Compounds	PEO-022	5800	2-Chlorophenol	8270C	Approved
Acid Compounds	PEO-022	6360	2-Methyl-4,6-Dinitrophenol	8270C	Approved
Base/Neutrals	PEO-121-2A	6385	2-Methylnaphthalene	8270C	Approved
Acid Compounds	PEO-022	6400	2-Methylphenol	8270C	Approved
Base/Neutrals	PEO-121-2B	6460	2-Nitroaniline	8270C	Approved
Acid Compounds	PEO-022	6490	2-Nitrophenol	8270C	Approved
Base/Neutrals	PEO-121-2A	5945	3,3'-Dichlorobenzidine	8270C	Approved
Base/Neutrals	PEO-121-2B	6465	3-Nitroaniline	8270C	Approved
Acid Compounds	PEO-022	6410	3 & 4-Methylphenol	8270C	Approved
Base/Neutrals	PEO-121-2A	5660	4-Bromophenyl phenyl ether	8270C	Approved
Acid Compounds	PEO-022	5700	4-Chloro-3-methylphenol	8270C	Approved
Base/Neutrals	PEO-121-2B	5745	4-Chloroaniline	8270C	Approved
Base/Neutrals	PEO-121-2A	5825	4-Chlorophenyl-phenylether	8270C	Approved
Base/Neutrals	PEO-121-2B	6470	4-Nitroaniline	8270C	Approved
Acid Compounds	PEO-022	6500	4-Nitrophenol	8270C	Approved
Base/Neutrals	PEO-121-1	5500	Acenaphthene	8270C	Approved
Base/Neutrals	PEO-121-1	5505	Acenaphthylene	8270C	Approved
Base/Neutrals	PEO-121-2B	5545	Aniline	8270C	Approved
Base/Neutrals	PEO-121-1	5555	Anthracene	8270C	Approved
Base/Neutrals	PEO-121-2A	5595	Benzidine	8270C	Approved
Base/Neutrals	PEO-121-1	5575	Benzo(a)anthracene	8270C	Approved
Base/Neutrals	PEO-121-1	5580	Benzo(a)pyrene	8270C	Approved
Base/Neutrals	PEO-121-1	5585	Benzo(b)fluoranthene	8270C	Approved
Base/Neutrals	PEO-121-1	5601	Benzo(b+k)fluoranthene	8270C	Approved
Base/Neutrals	PEO-121-1	5590	Benzo(g,h,i)perylene	8270C	Approved
Base/Neutrals	PEO-121-1	5600	Benzo(k)fluoranthene	8270C	Approved
Acid Compounds	PEO-022	5610	Benzoic acid	8270C	Approved
Base/Neutrals	PEO-121-2B	5630	Benzyl alcohol	8270C	Approved
Base/Neutrals	PEO-121-2A	5670	Benzyl butyl phthalate	8270C	Approved
Base/Neutrals	PEO-121-2A	5760	bis(2-Chloroethoxy) methane	8270C	Approved
Base/Neutrals	PEO-121-2A	5765	bis(2-Chloroethyl) ether	8270C	Approved
Base/Neutrals	PEO-121-2A	5780	bis(2-Chloroisopropyl) ether	8270C	Approved
Base/Neutrals	PEO-121-2A	6255	bis(2-Ethylhexyl) phthalate	8270C	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
Base/Neutrals	PEO-121-2B	7180	Caprolactam	8270C	Approved
Base/Neutrals	PEO-121-2B	5680	Carbazole	8270C	Approved
Base/Neutrals	PEO-121-1	5855	Chrysene	8270C	Approved
Base/Neutrals	PEO-121-1	5895	Dibenz(a,h) anthracene	8270C	Approved
Base/Neutrals	PEO-121-2A	5905	Dibenzofuran	8270C	Approved
Base/Neutrals	PEO-121-2A	6070	Diethyl phthalate	8270C	Approved
Base/Neutrals	PEO-121-2A	6135	Dimethyl phthalate	8270C	Approved
Base/Neutrals	PEO-121-2A	5925	Di-n-butylphthalate	8270C	Approved
Base/Neutrals	PEO-121-2A	6200	Di-n-octylphthalate	8270C	Approved
Base/Neutrals	PEO-121-1	6265	Fluoranthene	8270C	Approved
Base/Neutrals	PEO-121-1	6270	Fluorene	8270C	Approved
Base/Neutrals	PEO-121-2A	6275	Hexachlorobenzene	8270C	Approved
Base/Neutrals	PEO-121-2A	4835	Hexachlorobutadiene	8270C	Approved
Base/Neutrals	PEO-121-2A	6285	Hexachlorocyclopentadiene	8270C	Approved
Base/Neutrals	PEO-121-2A	4840	Hexachloroehane	8270C	Approved
Base/Neutrals	PEO-121-1	6315	Indeno(1,2,3-cd) pyrene	8270C	Approved
Base/Neutrals	PEO-121-2A	6320	Isophorone	8270C	Approved
Base/Neutrals	PEO-121-1	5005	Naphthalene	8270C	Approved
Base/Neutrals	PEO-121-2A	5015	Nitrobenzene	8270C	Approved
Base/Neutrals	PEO-121-2A	6530	N-nitrosodimethylamine	8270C	Approved
Base/Neutrals	PEO-121-2A	6545	N-nitrosodi-n-propylamine	8270C	Approved
Base/Neutrals	PEO-121-2A	6535	N-nitrosodiphenylamine	8270C	Approved
Acid Compounds	PEO-022	6605	Pentachlorophenol	8270C	Approved
Base/Neutrals	PEO-121-1	6615	Phenanthrene	8270C	Approved
Acid Compounds	PEO-022	6625	Phenol	8270C	Approved
Base/Neutrals	PEO-121-1	6665	Pyrene	8270C	Approved
Base/Neutrals	PEO-121-2B	5095	Pyridine	8270C	Approved
Low Level PAHs	PEO-259	5500	Acenaphthene	8270C SIM	Approved
Low Level PAHs	PEO-259	5505	Acenaphthylene	8270C SIM	Approved
Low Level PAHs	PEO-259	5555	Anthracene	8270C SIM	Approved
Low Level PAHs	PEO-259	5575	Benzo(a)anthracene	8270C SIM	Approved
Low Level PAHs	PEO-259	5580	Benzo(a)pyrene	8270C SIM	Approved
Low Level PAHs	PEO-259	5585	Benzo(b)fluoranthene	8270C SIM	Approved
Low Level PAHs	PEO-259	5590	Benzo(g,h,I)perylene	8270C SIM	Approved
Low Level PAHs	PEO-259	5600	Benzo(k)fluoranthene	8270C SIM	Approved
Low Level PAHs	PEO-259	5855	Chrysene	8270C SIM	Approved
Low Level PAHs	PEO-259	5895	Dibenzo(a,h)anthracene	8270C SIM	Approved
Low Level PAHs	PEO-259	6265	Fluoranthene	8270C SIM	Approved
Low Level PAHs	PEO-259	6270	Fluorene	8270C SIM	Approved
Low Level PAHs	PEO-259	6315	Indeno(1,2,3-cd) pyrene	8270C SIM	Approved
Low Level PAHs	PEO-259	5005	Naphthalene	8270C SIM	Approved
Low Level PAHs	PEO-259	6615	Penanthrene	8270C SIM	Approved
Low Level PAHs	PEO-259	6665	Pyrene	8270C SIM	Approved
Low Level PAHs			2-Methylnaphthalene	8270C SIM	Approved
Base/Neutrals	PEO-121-2A	5155	1,2,4-Trichlorbenzene	8270D	Approved
Base/Neutrals	PEO-121-2A	4610	1,2-Dichlorobenzene	8270D	Approved
Base/Neutrals	PEO-121-2A	4615	1,3-Dichlorobenzene	8270D	Approved
Base/Neutrals	PEO-121-2A	4620	1,4-Dichlorobenzene	8270D	Approved
Acid Compounds	PEO-022	6735	2,3,4,6-Tetrachlorophenol	8270D	Approved
Acid Compounds	PEO-022	6835	2,4,5-Trichlorophenol	8270D	Approved
Acid Compounds	PEO-022	6840	2,4,6-Trichlorphenol	8270D	Approved
Acid Compounds	PEO-022	6000	2,4-Dichlorophenol	8270D	Approved
Acid Compounds	PEO-022	6130	2,4-Dimethylphenol	8270D	Approved
Acid Compounds	PEO-022	6175	2,4-Dinitrophenol	8270D	Approved
Base/Neutrals	PEO-121-2A	6185	2,4-Dinitrotoluene (2,4-DNT)	8270D	Approved
Acid Compounds	PEO-022	6005	2,6-Dichlorophenol	8270D	Approved
Base/Neutrals	PEO-121-2A	6190	2,6-Dinitrotoluene (2,6-DNT)	8270D	Approved
Base/Neutrals	PEO-121-2A	5795	2-Chloronaphthalene	8270D	Approved
Acid Compounds	PEO-022	5800	2-Chlorophenol	8270D	Approved
Acid Compounds	PEO-022	6360	2-Methyl-4,6-Dinitrophenol	8270D	Approved
Base/Neutrals	PEO-121-2A	6385	2-Methylnaphthalene	8270D	Approved
Acid Compounds	PEO-022	6400	2-Methylphenol	8270D	Approved
Base/Neutrals	PEO-121-2B	6460	2-Nitroaniline	8270D	Approved
Acid Compounds	PEO-022	6490	2-Nitrophenol	8270D	Approved
Base/Neutrals	PEO-121-2A	5945	3,3'-Dichlorobenzidine	8270D	Approved
Base/Neutrals	PEO-121-2B	6465	3-Nitroaniline	8270D	Approved
Acid Compounds	PEO-022	6410	4 & 4-Methylphenol	8270D	Approved
Base/Neutrals	PEO-121-2A	5660	4-Bromophenyl phenyl ether	8270D	Approved
Acid Compounds	PEO-022	5700	4-Chloro-3-methylphenol	8270D	Approved
Base/Neutrals	PEO-121-2B	5745	4-Chloroaniline	8270D	Approved
Base/Neutrals	PEO-121-2A	5825	4-Chlorophenyl-phenylether	8270D	Approved
Base/Neutrals	PEO-121-2B	6470	4-Nitroaniline	8270D	Approved
Acid Compounds	PEO-022	6500	4-Nitrophenol	8270D	Approved
Base/Neutrals	PEO-121-2B	5545	Aniline	8270D	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
Base/Neutrals	PEO-121-2A	5595	Benzidine	8270D	Approved
Acid Compounds	PEO-022	5610	Benzoic acid	8270D	Approved
Base/Neutrals	PEO-121-2B	5630	Benzyl alcohol	8270D	Approved
Base/Neutrals	PEO-121-2A	5670	Benzyl butyl phthalate	8270D	Approved
Base/Neutrals	PEO-121-2A	5760	bis(2-Chloroethoxy) methane	8270D	Approved
Base/Neutrals	PEO-121-2A	5765	bis(2-Chloroethyl) ether	8270D	Approved
Base/Neutrals	PEO-121-2A	5780	bis(2-Chloroisopropyl) ether	8270D	Approved
Base/Neutrals	PEO-121-2A	6255	bis(2-Ethylhexyl) phthalate	8270D	Approved
Base/Neutrals	PEO-121-2B	7180	Caprolactam	8270D	Approved
Base/Neutrals	PEO-121-2B	5680	Carbazole	8270D	Approved
Base/Neutrals	PEO-121-2A	5905	Dibenzofuran	8270D	Approved
Base/Neutrals	PEO-121-2A	6070	Diethyl phthalate	8270D	Approved
Base/Neutrals	PEO-121-2A	6135	Dimethyl phthalate	8270D	Approved
Base/Neutrals	PEO-121-2A	5925	Di-n-butylphthalate	8270D	Approved
Base/Neutrals	PEO-121-2A	6200	Di-n-octylphthalate	8270D	Approved
Base/Neutrals	PEO-121-2A	6275	Hexachlorobenzene	8270D	Approved
Base/Neutrals	PEO-121-2A	4835	Hexachlorobutadiene	8270D	Approved
Base/Neutrals	PEO-121-2A	6285	Hexachlorocyclopentadiene	8270D	Approved
Base/Neutrals	PEO-121-2A	4840	Hexachloroehane	8270D	Approved
Base/Neutrals	PEO-121-2A	6320	Isophorone	8270D	Approved
Base/Neutrals	PEO-121-2A	5015	Nitrobenzene	8270D	Approved
Base/Neutrals	PEO-121-2A	6530	N-nitrosodimethylamine	8270D	Approved
Base/Neutrals	PEO-121-2A	6545	N-nitrosodi-n-propylamine	8270D	Approved
Base/Neutrals	PEO-121-2A	6535	N-nitrosodiphenylamine	8270D	Approved
Acid Compounds	PEO-022	6605	Pentachlorophenol	8270D	Approved
Acid Compounds	PEO-022	6625	Phenol	8270D	Approved
Base/Neutrals	PEO-121-2B	5095	Pyridine	8270D	Approved
Low Level PAHs	PEO-259	5500	Acenaphthene	8270D SIM	Approved
Low Level PAHs	PEO-259	5505	Acenaphthylene	8270D SIM	Approved
Low Level PAHs	PEO-259	5555	Anthracene	8270D SIM	Approved
Low Level PAHs	PEO-259	5575	Benzo(a)anthracene	8270D SIM	Approved
Low Level PAHs	PEO-259	5580	Benzo(a)pyrene	8270D SIM	Approved
Low Level PAHs	PEO-259	5585	Benzo(b)fluoranthene	8270D SIM	Approved
Low Level PAHs	PEO-259	5590	Benzo(g,h,I)perylene	8270D SIM	Approved
Low Level PAHs	PEO-259	5600	Benzo(k)fluoranthene	8270D SIM	Approved
Low Level PAHs	PEO-259	5855	Chrysene	8270D SIM	Approved
Low Level PAHs	PEO-259	5895	Dibenzo(a,h)anthracene	8270D SIM	Approved
Low Level PAHs	PEO-259	6265	Fluoranthene	8270D SIM	Approved
Low Level PAHs	PEO-259	6270	Fluorene	8270D SIM	Approved
Low Level PAHs	PEO-259	6315	Indeno(1,2,3-cd) pyrene	8270D SIM	Approved
Low Level PAHs	PEO-259	5005	Naphthalene	8270D SIM	Approved
Low Level PAHs	PEO-259	6615	Penanthrene	8270D SIM	Approved
Low Level PAHs	PEO-259	6665	Pyrene	8270D SIM	Approved
			2-Methylnaphthalene	8270D SIM	Approved
2,3,7,8-Tetrachlorodibenzo-p-dioxin	38186	9618	2,3,7,8-TCDD	8290	Approved
Dioxin	PEO-258	9519	1,2,3,4,6,7,8,9-OCDD	8290	Approved
Dioxin	PEO-258	9516	1,2,3,4,6,7,8,9-OCDF	8290	Approved
Dioxin	PEO-258	9426	1,2,3,4,6,7,8-Hpcdd	8290	Approved
Dioxin	PEO-258	9420	1,2,3,4,6,7,8-Hpcdf	8290	Approved
Dioxin	PEO-258	9423	1,2,3,4,7,8,9-Hpcdf	8290	Approved
Dioxin	PEO-258	9453	1,2,3,4,7,8-Hxcdd	8290	Approved
Dioxin	PEO-258	9471	1,2,3,4,7,8-Hxcdf	8290	Approved
Dioxin	PEO-258	9456	1,2,3,6,7,8-Hxcdd	8290	Approved
Dioxin	PEO-258	9474	1,2,3,6,7,8-Hxcdf	8290	Approved
Dioxin	PEO-258	9459	1,2,3,7,8,9-Hxcdd	8290	Approved
Dioxin	PEO-258	9477	1,2,3,7,8,9-Hxcdf	8290	Approved
Dioxin	PEO-258	9540	1,2,3,7,8-Pecdd	8290	Approved
Dioxin	PEO-258	9543	1,2,3,7,8-Pecdf	8290	Approved
Dioxin	PEO-258	9480	2,3,4,6,7,8-Hxcdf	8290	Approved
Dioxin	PEO-258	9549	2,3,4,7,8-Pecdf	8290	Approved
Dioxin	PEO-258	9606	2,3,7,8-TCDD	8290	Approved
Dioxin	PEO-258	9612	2,3,7,8-TCDF	8290	Approved
Dioxin	PEO-258	9438	Hpcdd, total	8290	Approved
Dioxin	PEO-258	9444	Hpcdf, total	8290	Approved
Dioxin	PEO-258	9468	Hxcdd, total	8290	Approved
Dioxin	PEO-258	9483	Hxcdf, total	8290	Approved
Dioxin	PEO-258	9556	PCDD + PCDF, total	8290	Approved
Dioxin	PEO-258	9991	PCDD, total	8290	Approved
Dioxin	PEO-258	9993	PCDF, total	8290	Approved
Dioxin	PEO-258	9555	Pecdd, total	8290	Approved
Dioxin	PEO-258	9552	Pecdf, total	8290	Approved
Dioxin	PEO-258	9609	TCDD, total	8290	Approved
Dioxin	PEO-258	9615	TCDF, total	8290	Approved
WP Carbamates	38156	7710	3-Hydroxycarbofuran	8321A	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT results
WP Carbamates	38156	7010	Aldicarb	8321A	Approved
WP Carbamates	38156	7015	Aldicarb sulfone	8321A	Approved
WP Carbamates	38156	7020	Aldicarb sulfoxide	8321A	Approved
NPTA			Barban	8321A	Approved
NPTA			Bromacil	8321A	Approved
WP Carbamates	38156	7195	Carbaryl	8321A	Approved
WP Carbamates	38156	7205	Carbofuran	8321A	Approved
NPTA			Chloroxuron	8321A	Approved
WP Carbamates	38156	7505	Diuron	8321A	Approved
NPTA			Linuron	8321A	Approved
WP Carbamates	38156	7800	Methiocarb	8321A	Approved
WP Carbamates	38156	7805	Methomyl	8321A	Approved
WP Carbamates	38156	7940	Oxamyl	8321A	Approved
WP Carbamates	38156	8075	Propham	8321A	Approved
WP Carbamates	38156	8080	Propoxur (Baygon)	8321A	Approved
CWA Nitroaromatics in Water	38172	6885	1,3,5-Trinitrobenzene	8330A	Approved
CWA Nitroaromatics in Water	38172	6160	1,3-Dinitrobenzene	8330A	Approved
CWA Nitroaromatics in Water	38172	9651	2,4,6-Trinitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	6185	2,4-Dinitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	6190	2,6-Dinitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	9303	2-Amino-4,6-dinitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	9507	2-Nitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	9510	3-Nitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	9306	4-Amino-2,6-dinitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	9513	4-Nitrotoluene	8330A	Approved
CWA Nitroaromatics in Water	38172	9522	HMX	8330A	Approved
CWA Nitroaromatics in Water	38172	5015	Nitrobenzene	8330A	Approved
NPTA			Nitroglycerin	8330A	Approved
NPTA			PETN	8330A	Approved
NPTA			PGDN	8330A	Approved
NPTA			Picric Acid	8330A	Approved
CWA Nitroaromatics in Water	38172	9432	RDX	8330A	Approved
CWA Nitroaromatics in Water	38172	6415	Tetryl	8330A	Approved
CWA Nitroaromatics in Water	38172	6885	1,3,5-Trinitrobenzene	8330B	Approved
CWA Nitroaromatics in Water	38172	6160	1,3-Dinitrobenzene	8330B	Approved
CWA Nitroaromatics in Water	38172	9651	2,4,6-Trinitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	6185	2,4-Dinitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	6190	2,6-Dinitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	9303	2-Amino-4,6-dinitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	9507	2-Nitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	9510	3-Nitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	9306	4-Amino-2,6-dinitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	9513	4-Nitrotoluene	8330B	Approved
CWA Nitroaromatics in Water	38172	9522	HMX	8330B	Approved
CWA Nitroaromatics in Water	38172	5015	Nitrobenzene	8330B	Approved
NPTA			Nitroglycerin	8330B	Approved
NPTA			PGDN	8330B	Approved
NPTA			Picric Acid	8330B	Approved
CWA Nitroaromatics in Water	38172	9432	RDX	8330B	Approved
CWA Nitroaromatics in Water	38172	6415	Tetryl	8330B	Approved
Low Level Nit/Nit	PEO-251	6885	1,3,5-Trinitrobenzene (1,3,5-TNB)	8330B	Approved
Low Level Nit/Nit	PEO-251	6160	1,3-Dinitrobenzene (1,3-DNB)	8330B	Approved
Low Level Nit/Nit	PEO-251	9651	2,4,6-Trinitrotoluene (2,4,6-TNT)	8330B	Approved
Low Level Nit/Nit	PEO-251	6185	2,4-Dinitrotoluene (2,4-DNT)	8330B	Approved
Low Level Nit/Nit	PEO-251	6190	2,6-Dinitrotoluene (2,6-DNT)	8330B	Approved
Low Level Nit/Nit	PEO-251	9303	2-Amino-4,6-dinitrotoluene (2am-dnt)	8330B	Approved
Low Level Nit/Nit	PEO-251	9507	2-Nitrotoluene	8330B	Approved
Low Level Nit/Nit	PEO-251	9510	3-Nitrotoluene	8330B	Approved
Low Level Nit/Nit	PEO-251	9306	4-Amino-2,6-dinitrotoluene (4am-dnt)	8330B	Approved
Low Level Nit/Nit	PEO-251	9513	4-Nitrotoluene	8330B	Approved
Low Level Nit/Nit	PEO-251	9522	HMX (Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine)	8330B	Approved
Low Level Nit/Nit	PEO-251	5015	Nitrobenzene	8330B	Approved
Low Level Nit/Nit	PEO-251	6485	Nitroglycerin	8330B	Approved
Low Level Nit/Nit	PEO-251	9432	RDX (hexahydro-1,3,5-trinitro-1,3,5-triazine)	8330B	Approved
Low Level Nit/Nit	PEO-251	6415	Tetryl (Methyl-2,4,6-trinitrophenylnitramine)	8330B	Approved
Low Level Nit/Nit	PEO-252	9558	PETN	8330B	Approved
WP Cyanide, Total & Amenable	55132	1645	Total Cyanide	9010B	Approved
WP Cyanide, Total & Amenable	55132	1645	Total Cyanide	9010C & 9014	Approved
WP pH @ 25C	55061	1900	pH	9040B	Approved
WP pH @ 25C	55061	1900	pH	9040C	Approved
WP & DMRQA Nutrients	55035	1810	Nitrate as N	9056	Approved
WP & DMRQA Nutrients	55035	1870	Orthophosphate as P	9056	Approved
WP Nitrate & Nitrite	55130	1810	Nitrate as N	9056	Approved
WP Nitrate & Nitrite	55130	1820	Nitrite + Nitrate as N	9056	Approved

Accredited Analytes/Methods

WP Proficiency Testing Summary

Lab Name :	**APPL, Inc.**				
City/State :	**Clovis, CA**				
PartName	**PartNumber**	**NELACCode**	**AnalyteName**	**EPA Method**	**PT results**
WP Nitrate & Nitrite	55130	1840	Nitrite as N	9056	Approved
SWA Anions	55131	1540	Bromide	9056	Approved
WP Minerals #1	55144	1575	Chloride	9056	Approved
WP Minerals #2	55145	1730	Fluoride	9056	Approved
WP Minerals #2	55145	2000	Sulfate	9056	Approved
WP & DMRQA Nutrients	55035	1810	Nitrate as N	9056A	Approved
WP & DMRQA Nutrients	55035	1870	Orthophosphate as P	9056A	Approved
WP Nitrate & Nitrite	55130	1810	Nitrate as N	9056A	Approved
WP Nitrate & Nitrite	55130	1820	Nitrite + Nitrate as N	9056A	Approved
WP Nitrate & Nitrite	55130	1840	Nitrite as N	9056A	Approved
SWA Anions	55131	1540	Bromide	9056A	Approved
WP Minerals #1	55144	1575	Chloride	9056A	Approved
WP Minerals #2	55145	1730	Fluoride	9056A	Approved
WP Minerals #2	55145	2000	Sulfate	9056A	Approved
WP & DMRQA Demands	55055	2040	Total Organic Carbon	9060	Approved
CWA UV 254 Absorbance/DOC	55088	1710	Dissolved Organic Carbon	9060	Approved
WP & DMRQA Demands	55055	2040	Total Organic Carbon	9060A	Approved
CWA UV 254 Absorbance/DOC	55088	1710	Dissolved Organic Carbon	9060A	Approved
~~Fluoride~~	~~4420~~	~~1730~~	~~Fluoride~~	~~9214~~	Approved
WP Minerals #2	55145	1505	Total Alkalinity (CaCO3)	SM 2320B	Approved
Minerals	4050	1610	Conductivity	SM 2510B	Approved
WP Conductance @ 25C	55026	1610	Specific Conductance	SM 2510B	Approved
Solids (Total Solids, TSS & TDS)	55085	1955	Total Dissolved Solids (TDS)	SM 2540C	Approved
WP Minerals #1	55144	1955	Total Dissolved Solids @ 180C	SM 2540C	Approved
Sulphide	55042	2005	Sulphide	SM 4500-S2F	Approved
Minerals	PEI-257	2005	Sulfide	SM 4500-S2F	Approved
WP & DMRQA Demands	55055	2040	Total Organic Carbon	SM 5310B	Approved
CWA UV 254 Absorbance/DOC	55088	1710	Dissolved Organic Carbon	SM 5310B	Approved
Miscellaneous Analytes	PEI-029	1860	Oil & Grease	SM 5520B	Approved
Total Petroleum Hydrocarbons (TPH) in Water	642	1935	TPH (Gravimetric)	SM 5520BF	Approved
WP MBAS	55083	2025	MBAS	SM 5540C	Approved
MBAS	55106	2025	MBAS	SM 5540C	Approved
NPTA			Ethane, Ethene, Methane	RSK175	Approved
Solids	4030	1960	Total Suspended Solids	SM 2540D	Approved
Solids (Total Solids, TSS & TDS)	55085	1960	Non-Filterable Residue (TSS)	SM 2540D	Approved

Accredited Analytes/Methods

WS Proficiency Testing Summary

Lab Name :	**APPL, Inc.**				
City/State :	**Clovis, CA**				
PartName	**PartNumber**	**NELACCode**	**AnalyteName**	**EPA Method**	**PT Results**
WS Minerals Mix #2	55123	1955	Total Filterable Residue	160.1	Approved
SDWA Solids (Total Solids, TSS & TDS)	55161	1955	Total Dissolved Solids	160.1	Approved
WS Chromium VI	55112	1045	Chromium VI	218.6	Approved
WS Inorganic Disinfection By-Products	55010	1540	Bromide	300.0	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1730	Fluoride	300.0	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1820	Nitrate and Nitrite as N	300.0	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1810	Nitrate as N	300.0	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1840	Nitrite as N	300.0	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1870	Orthophosphate as P	300.0	Approved
WS Sulphate/TOC	55070	2000	Sulfate	300.0	Approved
WS Minerals Mix #1	55122	1575	Chloride	300.0	Approved
WS Perchlorate	55099	1895	Perchlorate	314.0	Approved
SDWA Nutrients	55165	1515	Ammonia as N	350.1	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1820	Nitrate and Nitrite as N	353.2	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1810	Nitrate as N	353.2	Approved
WS NO3-, NO2-, F, PO4-3, and NO3- & NO2- as N	55011	1840	Nitrite as N	353.2	Approved
WS Perchlorate	55099	1895	Perchlorate	6850	Approved
WS pH @ 25C	55016	1900	pH @ 25	9040C	Approved
WS Minerals Mix #1	55122	1505	Alkalinity	SM 2320B	Approved
WS Minerals Mix #2	55123	1955	Total Filterable Residue	SM 2540C	Approved
SDWA Solids (Total Solids, TSS, & TDS)	55161	1955	Total Dissolved Solids	SM 2540C	Approved
WS Sulphate/TOC	55070	2040	TOC	SM 5310B	Approved
WS UV 254 Absorbance/DOC	55098	1710	Dissolved Organic Carbon (DOC)	SM 5310B	Approved
WS MBAS	55106	2025	MBAS	SM 5540C	Approved
Solids	5150	1960	Total Suspended Solids	SM 2540D	Approved
SDWA Solids (Total Solids, TSS, & TDS)	55161	1960	Non-Filterable Residue (TSS)	SM 2540D	Approved
Trace Metals	5070	1095	Mercury	EPA 245.1	Approved
WS Trace Elements Amp1	55012	1095	Mercury	EPA 245.1	Approved

Accredited Analytes/Methods

UST: Water Proficiency Testing Summary

Lab Name :	**APPL, Inc.**				
City/State :	**Clovis, CA**				
PartName	**PartNumber**	**NELACCode**	**AnalyteName**	**EPA Method**	**PT Results**
Petroleum Hydrocarbons in Water	PEO-010	102	Gasoline Range Organics, C6-C10	EPA 8015B	Approved
Petroleum Hydrocarbons in Water	PEO-010	9408	Gasoline Range Organics, C6-C10	EPA 8015C	Approved
Petroleum Hydrocarbons in Water	PEO-010	9408	Gasoline Range Organics, C6-C10	EPA 8015D	Approved
Petroleum Hydrocarbons in Wastewater	PEO-011	9369	Diesel Range Organics (DRO)	EPA 8015B	Approved
Petroleum Hydrocarbons in Wastewater	PEO-011	9369	Diesel range organics, C10-C28	EPA 8015B	Approved
GRO/BTEX in Water	PEO-114AK	4375	Benzene	EPA 8260B	Approved
GRO/BTEX in Water	PEO-114AK	4765	Ethylbenzene	EPA 8260B	Approved
GRO/BTEX in Water	PEO-114AK	5240	m+p-Xylene	EPA 8260B	Approved
GRO/BTEX in Water	PEO-114AK	5000	MTBE	EPA 8260B	Approved
GRO/BTEX in Water	PEO-114AK	5250	o-Xylene	EPA 8260B	Approved
GRO/BTEX in Water	PEO-114AK	5140	Toluene	EPA 8260B	Approved
GRO/BTEX in Water	PEO-114AK	5260	Xylene, total	EPA 8260B	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
PCB Congeners in Soil	SPE-068	9070	2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB 180)	1668A	Approved
PCB Congeners in Soil	SPE-068	9025	2,2',3,4,4',5'-Hexachlorobiphenyl (PCB 138)	1668A	Approved
PCB Congeners in Soil	SPE-068	9040	2,2',4,4',5,5'-Hexachlorobiphenyl (PCB 153)	1668A	Approved
PCB Congeners in Soil	SPE-068	8980	2,2',4,5,5'-Pentachlorobiphenyl (PCB 101)	1668A	Approved
PCB Congeners in Soil	SPE-068	8955	2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	1668A	Approved
PCB Congeners in Soil	SPE-068	9085	2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	1668A	Approved
PCB Congeners in Soil	SPE-068	9050	2,3,3',4,4',5-Hexachlorobiphenyl (PCB 156)	1668A	Approved
PCB Congeners in Soil	SPE-068	9045	2,3,3',4,4',5'-Hexachlorobiphenyl (PCB 157)	1668A	Approved
PCB Congeners in Soil	SPE-068	8985	2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	1668A	Approved
PCB Congeners in Soil	SPE-068	9055	2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	1668A	Approved
PCB Congeners in Soil	SPE-068	9005	2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	1668A	Approved
PCB Congeners in Soil	SPE-068	8995	2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	1668A	Approved
PCB Congeners in Soil	SPE-068	9000	2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	1668A	Approved
PCB Congeners in Soil	SPE-068	8936	2,4,4'-Trichlorobiphenyl (PCB 28)	1668A	Approved
PCB Congeners in Soil	SPE-068	9060	3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	1668A	Approved
PCB Congeners in Soil	SPE-068	9015	3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	1668A	Approved
PCB Congeners in Soil	SPE-068	8965	3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	1668A	Approved
PCB Congeners in Soil	SPE-068	8970	3,4,4',5-Tetrachlorobiphenyl (PCB 81)	1668A	Approved
PCB Congeners in Soil	SPE-068	9025	PCB (129)+(138)+(163)	1668A	Approved
PCB Congeners in Soil	SPE-068	9040	PCB (153)+(168)	1668A	Approved
PCB Congeners in Soil	SPE-068	9046	PCB (156)+(157)	1668A	Approved
PCB Congeners in Soil	SPE-068	9070	PCB (180)+(193)	1668A	Approved
PCB Congeners in Soil	SPE-068	8936	PCB (20)+(28)	1668A	Approved
PCB Congeners in Soil	SPE-068	8980	PCB (90)+(101)+(113)	1668A	Approved
PCB Congeners in Soil	SPE-068	8870	PCBs, total	1668A	Approved
RCRA Anions	55141	1540	Bromide (Br)	300.0	Approved
RCRA Anions	55141	1575	Chloride (Cl)	300.0	Approved
RCRA Anions	55141	1730	Fluoride (F)	300.0	Approved
RCRA Anions	55141	1810	Nitrate as N (NO3- as N)	300.0	Approved
RCRA Anions	55141	1870	Phosphate as P (PO43- as P)	300.0	Approved
RCRA Anions	55141	2000	Sulfate (SO42-)	300.0	Approved
RCRA Hexavalent Chromium	55104	1045	Chromium VI	3060A	Approved
RCRA Perchlorate	55143	1895	Perchlorate	314.0	Approved
RCRA Nutrients	55142	1515	Ammonia as N	350.1	Approved
RCRA Nutrients	55142	1795	Total Kjeldhal Nitrogen	351.2	Approved
RCRA Anions	55141	1810	Nitrate as N (NO3 as N)	353.2	Approved
RCRA Metals in Soil #2	55103	1000	Aluminum	6010B	Approved
RCRA Metals in Soil #1	55102	1005	Antimony	6010B	Approved
TCLP Metals	SPE-005	1005	Antimony, Sb	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1005	Antimony, Sb	6010B	Approved
RCRA Metals in Soil #1	55102	1010	Arsenic	6010B	Approved
TCLP Metals	SPE-005	1010	Arsenic, As	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1010	Arsenic, As	6010B	Approved
RCRA Metals in Soil #1	55102	1015	Barium	6010B	Approved
TCLP Metals	SPE-005	1015	Barium, Ba	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1015	Barium, Ba	6010B	Approved
RCRA Metals in Soil #1	55102	1020	Beryllium	6010B	Approved
TCLP Metals	SPE-005	1020	Beryllium, Be	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1020	Beryllium, Be	6010B	Approved
RCRA Metals in Soil #1	55102	1025	Boron	6010B	Approved
RCRA Metals in Soil #1	55102	1030	Cadmium	6010B	Approved
TCLP Metals	SPE-005	1030	Cadmium, Cd	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1030	Cadmium, Cd	6010B	Approved
RCRA Metals in Soil #2	55103	1035	Calcium	6010B	Approved
RCRA Metals in Soil #1	55102	1040	Chromium	6010B	Approved
TCLP Metals	SPE-005	1040	Chromium, Cr (total)	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1040	Chromium, Cr (total)	6010B	Approved
RCRA Metals in Soil #1	55102	1050	Cobalt	6010B	Approved
TCLP Metals	SPE-005	1050	Cobalt, Co	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1050	Cobalt, Co	6010B	Approved
RCRA Metals in Soil #1	55102	1055	Copper	6010B	Approved
TCLP Metals	SPE-005	1055	Copper, Cu	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1055	Copper, Cu	6010B	Approved
RCRA Metals in Soil #2	55103	1070	Iron	6010B	Approved
RCRA Metals in Soil #1	55102	1075	Lead	6010B	Approved
TCLP Metals	SPE-005	1075	Lead, Pb	6010B	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
TCLP Metals in Soil - CA WET	SPE-006	1075	Lead, Pb	6010B	Approved
RCRA Metals in Soil #2	55103	1085	Magnesium	6010B	Approved
RCRA Metals in Soil #1	55102	1090	Manganese	6010B	Approved
RCRA Metals in Soil #1	55102	1100	Molybdenum	6010B	Approved
TCLP Metals	SPE-005	1100	Molybdenum, Mo	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1100	Molybdenum, Mo	6010B	Approved
RCRA Metals in Soil #1	55102	1105	Nickel	6010B	Approved
TCLP Metals	SPE-005	1105	Nickel, Ni	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1105	Nickel, Ni	6010B	Approved
RCRA Metals in Soil #2	55103	1125	Potassium	6010B	Approved
RCRA Metals in Soil #1	55102	1140	Selenium	6010B	Approved
TCLP Metals	SPE-005	1140	Selenium, Se	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1140	Selenium, Se	6010B	Approved
RCRA Metals in Soil #1	55102	1150	Silver	6010B	Approved
TCLP Metals	SPE-005	1150	Silver, Ag	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1150	Silver, Ag	6010B	Approved
RCRA Metals in Soil #2	55103	1155	Sodium	6010B	Approved
RCRA Metals in Soil #1	55102	1160	Strontium	6010B	Approved
RCRA Metals in Soil #1	55102	1165	Thallium	6010B	Approved
TCLP Metals	SPE-005	1165	Thallium, Tl	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1165	Thallium, Tl	6010B	Approved
RCRA Metals in Soil #1	55102	1175	Tin	6010B	Approved
RCRA Metals in Soil #1	55102	1180	Titanium	6010B	Approved
RCRA Nutrients	55142	1910	Total Phosphorus	6010B	Approved
RCRA Metals in Soil #1	55102	1185	Vanadium	6010B	Approved
TCLP Metals	SPE-005	1185	Vanadium, V	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1185	Vanadium, V	6010B	Approved
RCRA Metals in Soil #1	55102	1190	Zinc	6010B	Approved
TCLP Metals	SPE-005	1190	Zinc, Zn	6010B	Approved
TCLP Metals in Soil - CA WET	SPE-006	1190	Zinc, Zn	6010B	Approved
RCRA Metals in Soil #2	55103	1000	Aluminum	6010C	Approved
RCRA Metals in Soil #1	55102	1005	Antimony	6010C	Approved
RCRA Metals in Soil #1	55102	1010	Arsenic	6010C	Approved
RCRA Metals in Soil #1	55102	1015	Barium	6010C	Approved
RCRA Metals in Soil #1	55102	1020	Beryllium	6010C	Approved
RCRA Metals in Soil #1	55102	1025	Boron	6010C	Approved
RCRA Metals in Soil #1	55102	1030	Cadmium	6010C	Approved
RCRA Metals in Soil #2	55103	1035	Calcium	6010C	Approved
RCRA Metals in Soil #1	55102	1040	Chromium	6010C	Approved
RCRA Metals in Soil #1	55102	1050	Cobalt	6010C	Approved
RCRA Metals in Soil #1	55102	1055	Copper	6010C	Approved
RCRA Metals in Soil #2	55103	1070	Iron	6010C	Approved
RCRA Metals in Soil #1	55102	1075	Lead	6010C	Approved
RCRA Metals in Soil #2	55103	1085	Magnesium	6010C	Approved
RCRA Metals in Soil #1	55102	1090	Manganese	6010C	Approved
RCRA Metals in Soil #1	55102	1100	Molybdenum	6010C	Approved
RCRA Metals in Soil #1	55102	1105	Nickel	6010C	Approved
RCRA Metals in Soil #2	55103	1125	Potassium	6010C	Approved
RCRA Metals in Soil #1	55102	1140	Selenium	6010C	Approved
RCRA Metals in Soil #1	55102	1150	Silver	6010C	Approved
RCRA Metals in Soil #2	55103	1155	Sodium	6010C	Approved
RCRA Metals in Soil #1	55102	1160	Strontium	6010C	Approved
RCRA Metals in Soil #1	55102	1165	Thallium	6010C	Approved
RCRA Metals in Soil #1	55102	1175	Tin	6010C	Approved
RCRA Metals in Soil #1	55102	1180	Titanium	6010C	Approved
			Total Phosphorus	6010C	Approved
RCRA Metals in Soil #1	55102	1185	Vanadium	6010C	Approved
RCRA Metals in Soil #1	55102	1190	Zinc	6010C	Approved
NPTA			Zirconium	6010C	Approved
RCRA Metals in Soil #2	55103	1000	Aluminum	6020	Approved
RCRA Metals in Soil #1	55102	1005	Antimony	6020	Approved
RCRA Metals in Soil #1	55102	1010	Arsenic	6020	Approved
RCRA Metals in Soil #1	55102	1015	Barium	6020	Approved
RCRA Metals in Soil #1	55102	1020	Beryllium	6020	Approved
RCRA Metals in Soil #1	55102	1025	Boron	6020	Approved
RCRA Metals in Soil #1	55102	1030	Cadmium	6020	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
RCRA Metals in Soil #2	55103	1035	Calcium	6020	Approved
RCRA Metals in Soil #1	55102	1040	Chromium	6020	Approved
RCRA Metals in Soil #1	55102	1050	Cobalt	6020	Approved
RCRA Metals in Soil #1	55102	1055	Copper	6020	Approved
RCRA Metals in Soil #2	55103	1070	Iron	6020	Approved
RCRA Metals in Soil #1	55102	1075	Lead	6020	Approved
RCRA Metals in Soil #2	55103	1085	Magnesium	6020	Approved
RCRA Metals in Soil #1	55102	1090	Manganese	6020	Approved
RCRA Metals in Soil #1	55102	1100	Molybdenum	6020	Approved
RCRA Metals in Soil #1	55102	1105	Nickel	6020	Approved
RCRA Metals in Soil #2	55103	1125	Potassium	6020	Approved
RCRA Metals in Soil #1	55102	1140	Selenium	6020	Approved
RCRA Metals in Soil #1	55102	1150	Silver	6020	Approved
RCRA Metals in Soil #2	55103	1155	Sodium	6020	Approved
RCRA Metals in Soil #1	55102	1160	Strontium	6020	Approved
RCRA Metals in Soil #1	55102	1165	Thallium	6020	Approved
RCRA Metals in Soil #1	55102	1175	Tin	6020	Approved
RCRA Metals in Soil #1	55102	1180	Titanium	6020	Approved
RCRA Metals in Soil #1	55102	1185	Vanadium	6020	Approved
RCRA Metals in Soil #1	55102	1190	Zinc	6020	Approved
NPTA			Zirconium	6020	Approved
RCRA Metals in Soil #2	55103	1000	Aluminum	6020A	Approved
RCRA Metals in Soil #1	55102	1005	Antimony	6020A	Approved
RCRA Metals in Soil #1	55102	1010	Arsenic	6020A	Approved
RCRA Metals in Soil #1	55102	1015	Barium	6020A	Approved
RCRA Metals in Soil #1	55102	1020	Beryllium	6020A	Approved
RCRA Metals in Soil #1	55102	1025	Boron	6020A	Approved
RCRA Metals in Soil #1	55102	1030	Cadmium	6020A	Approved
RCRA Metals in Soil #2	55103	1035	Calcium	6020A	Approved
RCRA Metals in Soil #1	55102	1040	Chromium	6020A	Approved
RCRA Metals in Soil #1	55102	1050	Cobalt	6020A	Approved
RCRA Metals in Soil #1	55102	1055	Copper	6020A	Approved
RCRA Metals in Soil #2	55103	1070	Iron	6020A	Approved
RCRA Metals in Soil #1	55102	1075	Lead	6020A	Approved
RCRA Metals in Soil #2	55103	1085	Magnesium	6020A	Approved
RCRA Metals in Soil #1	55102	1090	Manganese	6020A	Approved
RCRA Metals in Soil #1	55102	1100	Molybdenum	6020A	Approved
RCRA Metals in Soil #1	55102	1105	Nickel	6020A	Approved
RCRA Metals in Soil #2	55103	1125	Potassium	6020A	Approved
RCRA Metals in Soil #1	55102	1140	Selenium	6020A	Approved
RCRA Metals in Soil #1	55102	1150	Silver	6020A	Approved
RCRA Metals in Soil #2	55103	1155	Sodium	6020A	Approved
RCRA Metals in Soil #1	55102	1160	Strontium	6020A	Approved
RCRA Metals in Soil #1	55102	1165	Thallium	6020A	Approved
RCRA Metals in Soil #1	55102	1175	Tin	6020A	Approved
RCRA Metals in Soil #1	55102	1180	Titanium	6020A	Approved
RCRA Metals in Soil #1	55102	1185	Vanadium	6020A	Approved
RCRA Metals in Soil #1	55102	1190	Zinc	6020A	Approved
NPTA			Zirconium	6020A	Approved
RCRA Perchlorate	55143	1895	Perchlorate	6850	Approved
RCRA Hexavalent Chromium	55104	1045	Chromium VI	7196A	Approved
RCRA Hexavalent Chromium	55104	1045	Chromium VI	7199	Approved
TCLP Metals	SPE-005	1095	Mercury, Hg	7470A	Approved
TCLP Metals in Soil - CA WET	SPE-006	1095	Mercury, Hg	7470A	Approved
RCRA Metals in Soil #1	55102	1095	Mercury	7471B	Approved
Petroleum Hydrocarbons in Soil	SPE-007	9369	Diesel Range Organics C10-C28	8015B	Approved
Petroleum Hydrocarbons in Soil	SPE-007	9369	Diesel Range Organics C10-C28	8015C	Approved
Petroleum Hydrocarbons in Soil	SPE-007	9369	Diesel Range Organics C10-C28	8015D	Approved
Petroleum Hydrocarbons in Soil	SPE-008	101	Gasoline Range Organics, C6-C10	8015B	Approved
Petroleum Hydrocarbons in Soil	SPE-008	101	Total Purgeable Hydrocarbons	8015B	Approved
Petroleum Hydrocarbons in Soil	SPE-008	9408	Gasoline Range Organics, C6-C10	8015C	Approved
Petroleum Hydrocarbons in Soil	SPE-008	99990	Total Purgeable Hydrocarbons	8015C	Approved
Petroleum Hydrocarbons in Soil	SPE-008	9408	Gasoline Range Organics, C6-C10	8015D	Approved
Petroleum Hydrocarbons in Soil	SPE-008	99990	Total Purgeable Hydrocarbons	8015D	Approved
Toxaphene in Soil	38066	8250	Toxaphene	8081A	Approved
Chlorinated Pesticides in Soil	38101	7355	4,4'-DDD	8081A	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
Chlorinated Pesticides in Soil	38101	7360	4,4'-DDE	8081A	Approved
Chlorinated Pesticides in Soil	38101	7365	4,4'-DDT	8081A	Approved
Chlorinated Pesticides in Soil	38101	7110	a-BHC	8081A	Approved
Chlorinated Pesticides in Soil	38101	7240	a-Chlordane	8081A	Approved
Chlorinated Pesticides in Soil	38101	7025	Aldrin	8081A	Approved
Chlorinated Pesticides in Soil	38101	7115	b-BHC	8081A	Approved
Chlorinated Pesticides in Soil	38101	7105	d-BHC	8081A	Approved
Chlorinated Pesticides in Soil	38101	7470	Dieldrin	8081A	Approved
Chlorinated Pesticides in Soil	38101	7510	Endosulfan I	8081A	Approved
Chlorinated Pesticides in Soil	38101	7515	Endosulfan II	8081A	Approved
Chlorinated Pesticides in Soil	38101	7520	Endosulfan sulfate	8081A	Approved
Chlorinated Pesticides in Soil	38101	7540	Endrin	8081A	Approved
Chlorinated Pesticides in Soil	38101	7530	Endrin aldehyde	8081A	Approved
Chlorinated Pesticides in Soil	38101	7535	Endrin ketone	8081A	Approved
Chlorinated Pesticides in Soil	38101	7120	g-BHC (Lindane)	8081A	Approved
Chlorinated Pesticides in Soil	38101	7245	g-Chlordane	8081A	Approved
Chlorinated Pesticides in Soil	38101	7685	Heptachlor	8081A	Approved
Chlorinated Pesticides in Soil	38101	7690	Heptachlor epoxide	8081A	Approved
Chlorinated Pesticides in Soil	38101	7810	Methoxychlor	8081A	Approved
Chlordane in Soil	38141	7250	Chlordane	8081A	Approved
Toxaphene in Soil	38066	8250	Toxaphene	8081B	Approved
Chlorinated Pesticides in Soil	38101	7355	4,4'-DDD	8081B	Approved
Chlorinated Pesticides in Soil	38101	7360	4,4'-DDE	8081B	Approved
Chlorinated Pesticides in Soil	38101	7365	4,4'-DDT	8081B	Approved
Chlorinated Pesticides in Soil	38101	7110	a-BHC	8081B	Approved
Chlorinated Pesticides in Soil	38101	7240	a-Chlordane	8081B	Approved
Chlorinated Pesticides in Soil	38101	7025	Aldrin	8081B	Approved
Chlorinated Pesticides in Soil	38101	7115	b-BHC	8081B	Approved
Chlorinated Pesticides in Soil	38101	7105	d-BHC	8081B	Approved
Chlorinated Pesticides in Soil	38101	7470	Dieldrin	8081B	Approved
Chlorinated Pesticides in Soil	38101	7510	Endosulfan I	8081B	Approved
Chlorinated Pesticides in Soil	38101	7515	Endosulfan II	8081B	Approved
Chlorinated Pesticides in Soil	38101	7520	Endosulfan sulfate	8081B	Approved
Chlorinated Pesticides in Soil	38101	7540	Endrin	8081B	Approved
Chlorinated Pesticides in Soil	38101	7530	Endrin aldehyde	8081B	Approved
Chlorinated Pesticides in Soil	38101	7535	Endrin ketone	8081B	Approved
Chlorinated Pesticides in Soil	38101	7120	g-BHC (Lindane)	8081B	Approved
Chlorinated Pesticides in Soil	38101	7245	g-Chlordane	8081B	Approved
Chlorinated Pesticides in Soil	38101	7685	Heptachlor	8081B	Approved
Chlorinated Pesticides in Soil	38101	7690	Heptachlor epoxide	8081B	Approved
Chlorinated Pesticides in Soil	38101	7810	Methoxychlor	8081B	Approved
Chlordane in Soil	38141	7250	Chlordane	8081B	Approved
PCBs in Transformer Oil #2	38092	8880	PCB in Oil 1016	8082	Approved
PCBs in Transformer Oil #2	38092	8895	PCB in Oil 1242	8082	Approved
PCBs in Transformer Oil #2	38092	8905	PCB in Oil 1254	8082	Approved
PCBs in Transformer Oil #2	38092	8910	PCB in Oil 1260	8082	Approved
PCBs in Transformer Oil #2	38095	8880	PCB in Oil 1016	8082	Approved
PCBs in Transformer Oil #2	38095	8895	PCB in Oil 1242	8082	Approved
PCBs in Transformer Oil #2	38095	8905	PCB in Oil 1254	8082	Approved
PCBs in Transformer Oil #2	38095	8910	PCB in Oil 1260	8082	Approved
Aroclor in Soil	38142	8880	Aroclor 1016	8082	Approved
Aroclor in Soil	38142	8885	Aroclor 1221	8082	Approved
Aroclor in Soil	38142	8890	Aroclor 1232	8082	Approved
Aroclor in Soil	38142	8895	Aroclor 1242	8082	Approved
Aroclor in Soil	38142	8900	Aroclor 1248	8082	Approved
Aroclor in Soil	38142	8905	Aroclor 1254	8082	Approved
Aroclor in Soil	38142	8910	Aroclor 1260	8082	Approved
PCB in Soil	SPE-010	8912	Aroclor 1016/1242	8082	Approved
PCB in Soil	SPE-010	8880	Aroclor-1016 (PCB-1016)	8082	Approved
PCB in Soil	SPE-010	8885	Aroclor-1221 (PCB-1221)	8082	Approved
PCB in Soil	SPE-010	8890	Aroclor-1232 (PCB-1232)	8082	Approved
PCB in Soil	SPE-010	8895	Aroclor-1242 (PCB-1242)	8082	Approved
PCB in Soil	SPE-010	8900	Aroclor-1248 (PCB-1248)	8082	Approved
PCB in Soil	SPE-010	8905	Aroclor-1254 (PCB-1254)	8082	Approved
PCB in Soil	SPE-010	8910	Aroclor-1260 (PCB-1260)	8082	Approved
PCB in Soil	SPE-010	8912	Aroclor 1016/1242	8082	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
PCB in Soil	SPE-010	8880	Aroclor-1016 (PCB-1016)	8082	Approved
PCB in Soil	SPE-010	8885	Aroclor-1221 (PCB-1221)	8082	Approved
PCB in Soil	SPE-010	8890	Aroclor-1232 (PCB-1232)	8082	Approved
PCB in Soil	SPE-010	8895	Aroclor-1242 (PCB-1242)	8082	Approved
PCB in Soil	SPE-010	8900	Aroclor-1248 (PCB-1248)	8082	Approved
PCB in Soil	SPE-010	8905	Aroclor-1254 (PCB-1254)	8082	Approved
PCB in Soil	SPE-010	8910	Aroclor-1260 (PCB-1260)	8082	Approved
PCBs in Transformer Oil #2	38092	8880	PCB in Oil 1016	8082A	Approved
PCBs in Transformer Oil #2	38092	8895	PCB in Oil 1242	8082A	Approved
PCBs in Transformer Oil #2	38092	8905	PCB in Oil 1254	8082A	Approved
PCBs in Transformer Oil #2	38092	8910	PCB in Oil 1260	8082A	Approved
PCBs in Transformer Oil #2	38095	8880	PCB in Oil 1016	8082A	Approved
PCBs in Transformer Oil #2	38095	8895	PCB in Oil 1242	8082A	Approved
PCBs in Transformer Oil #2	38095	8905	PCB in Oil 1254	8082A	Approved
PCBs in Transformer Oil #2	38095	8910	PCB in Oil 1260	8082A	Approved
Aroclor in Soil	38142	8880	Aroclor 1016	8082A	Approved
Aroclor in Soil	38142	8885	Aroclor 1221	8082A	Approved
Aroclor in Soil	38142	8890	Aroclor 1232	8082A	Approved
Aroclor in Soil	38142	8895	Aroclor 1242	8082A	Approved
Aroclor in Soil	38142	8900	Aroclor 1248	8082A	Approved
Aroclor in Soil	38142	8905	Aroclor 1254	8082A	Approved
Aroclor in Soil	38142	8910	Aroclor 1260	8082A	Approved
PCB in Soil	SPE-010	8912	Aroclor 1016/1242	8082A	Approved
PCB in Soil	SPE-010	8880	Aroclor-1016 (PCB-1016)	8082A	Approved
PCB in Soil	SPE-010	8885	Aroclor-1221 (PCB-1221)	8082A	Approved
PCB in Soil	SPE-010	8890	Aroclor-1232 (PCB-1232)	8082A	Approved
PCB in Soil	SPE-010	8895	Aroclor-1242 (PCB-1242)	8082A	Approved
PCB in Soil	SPE-010	8900	Aroclor-1248 (PCB-1248)	8082A	Approved
PCB in Soil	SPE-010	8905	Aroclor-1254 (PCB-1254)	8082A	Approved
PCB in Soil	SPE-010	8910	Aroclor-1260 (PCB-1260)	8082A	Approved
PCB in Soil	SPE-010	8912	Aroclor 1016/1242	8082A	Approved
PCB in Soil	SPE-010	8880	Aroclor-1016 (PCB-1016)	8082A	Approved
PCB in Soil	SPE-010	8885	Aroclor-1221 (PCB-1221)	8082A	Approved
PCB in Soil	SPE-010	8890	Aroclor-1232 (PCB-1232)	8082A	Approved
PCB in Soil	SPE-010	8895	Aroclor-1242 (PCB-1242)	8082A	Approved
PCB in Soil	SPE-010	8900	Aroclor-1248 (PCB-1248)	8082A	Approved
PCB in Soil	SPE-010	8905	Aroclor-1254 (PCB-1254)	8082A	Approved
PCB in Soil	SPE-010	8910	Aroclor-1260 (PCB-1260)	8082A	Approved
OrganoPhosphorus Pesticides	38151	7075	Azinphosmethyl	8141A	Approved
OrganoPhosphorus Pesticides	38151	7390	Demeton, (Mix of Isomers O:S)	8141A	Approved
OrganoPhosphorus Pesticides	38151	7410	Diazinon	8141A	Approved
OrganoPhosphorus Pesticides	38151	8625	Disulfoton	8141A	Approved
OrganoPhosphorus Pesticides	38151	8110	Fenchlorphos (Ronnel)	8141A	Approved
OrganoPhosphorus Pesticides	38151	7770	Malathion	8141A	Approved
OrganoPhosphorus Pesticides	38151	7955	Parathion ethyl	8141A	Approved
OrganoPhosphorus Pesticides	38151	7825	Parathion methyl	8141A	Approved
OrganoPhosphorus Pesticides	38151	7985	Phorate	8141A	Approved
OrganoPhosphorus Pesticides	38151	8200	Tetrachlorvinphos (Stirophos)	8141A	Approved
OrganoPhosphorus Pesticides	38151	7075	Azinphosmethyl	8141B	Approved
OrganoPhosphorus Pesticides	38151	7390	Demeton, (Mix of Isomers O:S)	8141B	Approved
OrganoPhosphorus Pesticides	38151	7410	Diazinon	8141B	Approved
OrganoPhosphorus Pesticides	38151	8625	Disulfoton	8141B	Approved
OrganoPhosphorus Pesticides	38151	8110	Fenchlorphos (Ronnel)	8141B	Approved
OrganoPhosphorus Pesticides	38151	7770	Malathion	8141B	Approved
OrganoPhosphorus Pesticides	38151	7955	Parathion ethyl	8141B	Approved
OrganoPhosphorus Pesticides	38151	7825	Parathion methyl	8141B	Approved
OrganoPhosphorus Pesticides	38151	7985	Phorate	8141B	Approved
OrganoPhosphorus Pesticides	38151	8200	Tetrachlorvinphos (Stirophos)	8141B	Approved
Herbicide Acids in Soil	38146	8655	2,4,5-T	8151A	Approved
Herbicide Acids in Soil	38146	8650	2,4,5-TP	8151A	Approved
Herbicide Acids in Soil	38146	8545	2,4-D	8151A	Approved
Herbicide Acids in Soil	38146	8560	2,4-DB	8151A	Approved
Herbicide Acids in Soil	38146	8555	Dalapon	8151A	Approved
Herbicide Acids in Soil	38146	8595	Dicamba	8151A	Approved
Herbicide Acids in Soil	38146	8620	Dinoseb	8151A	Approved
Herbicide Acids in Soil	38146	6605	Pentachlorophenol	8151A	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
NPTA			Dichlorprop (2,4-DP)	8151A	Approved
NPTA			MCPA	8151A	Approved
NPTA			MSPP	8151A	Approved
Volatiles in Soil	38084	5105	1,1,1,2-Tetrachloroethane	8260B	Approved
Volatiles in Soil	38084	5160	1,1,1-Trichloroethane	8260B	Approved
Volatiles in Soil	38084	5110	1,1,2,2-Tetrachloroethane	8260B	Approved
Volatiles in Soil	38084	5165	1,1,2-Trichloroethane	8260B	Approved
Volatiles in Soil	38084	4630	1,1-Dichloroethane	8260B	Approved
Volatiles in Soil	38084	4640	1,1-Dichloroethene	8260B	Approved
Volatiles in Soil	38084	4670	1,1-Dichloropropene	8260B	Approved
Volatiles in Soil	38084	5150	1,2,3-Trichlorobenzene	8260B	Approved
Volatiles in Soil	38084	5180	1,2,3-Trichloropropane	8260B	Approved
Volatiles in Soil	38084	5155	1,2,4-Trichlorobenzene	8260B	Approved
Volatiles in Soil	38084	5210	1,2,4-Trimethylbenzene	8260B	Approved
Volatiles in Soil	38084	4570	1,2-Dibromo-3-chloropropane	8260B	Approved
Volatiles in Soil	38084	4585	1,2-Dibromoethane	8260B	Approved
Volatiles in Soil	38084	4610	1,2-Dichlorobenzene	8260B	Approved
Volatiles in Soil	38084	4635	1,2-Dichloroethane	8260B	Approved
Volatiles in Soil	38084	4655	1,2-Dichloropropane	8260B	Approved
Volatiles in Soil	38084	5215	1,3,5-Trimethylbenzene	8260B	Approved
Volatiles in Soil	38084	4615	1,3-Dichlorobenzene	8260B	Approved
Volatiles in Soil	38084	4660	1,3-Dichloropropane	8260B	Approved
Volatiles in Soil	38084	4620	1,4-Dichlorobenzene	8260B	Approved
Volatiles in Soil	38084	4665	2,2-Dichloropropane	8260B	Approved
Volatiles in Soil	38084	4535	2-Chlorotoluene	8260B	Approved
Volatiles in Soil	38084	4540	4-Chlorotoluene	8260B	Approved
Volatiles in Soil	38084	4995	4-Methyl-2-pentanone	8260B	Approved
Volatiles in Soil	38084	4375	Benzene	8260B	Approved
Volatiles in Soil	38084	4385	Bromobenzene	8260B	Approved
Volatiles in Soil	38084	4390	Bromochloromethane	8260B	Approved
Volatiles in Soil	38084	4395	Bromodichloromethane	8260B	Approved
Volatiles in Soil	38084	4400	Bromoform	8260B	Approved
Volatiles in Soil	38084	4950	Bromomethane	8260B	Approved
Volatiles in Soil	38084	4450	Carbon disulphide	8260B	Approved
Volatiles in Soil	38084	4455	Carbon tetrachloride	8260B	Approved
Volatiles in Soil	38084	4475	Chlorobenzene	8260B	Approved
Volatiles in Soil	38084	4485	Chloroethane	8260B	Approved
Volatiles in Soil	38084	4505	Chloroform	8260B	Approved
Volatiles in Soil	38084	4960	Chloromethane	8260B	Approved
Volatiles in Soil	38084	4645	cis-1,2-Dichloroethene	8260B	Approved
Volatiles in Soil	38084	4680	cis-1,3-Dichloropropene	8260B	Approved
Volatiles in Soil	38084	4575	Dibromochloromethane	8260B	Approved
Volatiles in Soil	38084	4595	Dibromomethane	8260B	Approved
Volatiles in Soil	38084	4625	Dichlorodifluoromethane	8260B	Approved
Volatiles in Soil	38084	4765	Ethyl benzene	8260B	Approved
Volatiles in Soil	38084	4835	Hexachlorobutadiene	8260B	Approved
Volatiles in Soil	38084	4840	Hexachloroethane	8260B	Approved
Volatiles in Soil	38084	4900	Isopropylbenzene	8260B	Approved
Volatiles in Soil	38084	5000	Methyl tert-butyl ether (MTBE)	8260B	Approved
Volatiles in Soil	38084	4975	Methylene chloride	8260B	Approved
Volatiles in Soil	38084	5005	Naphthalene	8260B	Approved
Volatiles in Soil	38084	4435	n-Butyl benzene	8260B	Approved
Volatiles in Soil	38084	5090	n-Propylbenzene	8260B	Approved
Volatiles in Soil	38084	4910	p-Isopropyl toluene	8260B	Approved
Volatiles in Soil	38084	4440	sec-Butyl benzene	8260B	Approved
Volatiles in Soil	38084	5100	Styrene	8260B	Approved
Volatiles in Soil	38084	4445	tert-Butyl benzene	8260B	Approved
Volatiles in Soil	38084	5140	Toluene	8260B	Approved
Volatiles in Soil	38084	5260	Total Xylenes	8260B	Approved
Volatiles in Soil	38084	4700	trans-1,2-Dichloroethene	8260B	Approved
Volatiles in Soil	38084	5170	Trichloroethene	8260B	Approved
Volatiles in Soil	38084	5175	Trichlorofluoromethane	8260B	Approved
Volatiles in Soil	38084	5235	Vinyl chloride	8260B	Approved
RCRA BTEX & MTBE	38161	4375	Benzene	8260B	Approved
RCRA BTEX & MTBE	38161	4765	Ethyl benzene	8260B	Approved
RCRA BTEX & MTBE	38161	5140	Toluene	8260B	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
RCRA BTEX & MTBE	38161	5000	Methyl tert-butyl ether (MTBE)	8260B	Approved
RCRA BTEX & MTBE	38161	5260	Total Xylenes	8260B	Approved
RCRA Ketones in Soil	38167	4410	2-Butanone (Methyl ethyl ketone)	8260B	Approved
RCRA Ketones in Soil	38167	4860	2-Hexanone	8260B	Approved
RCRA Ketones in Soil	38167	4995	4-Methyl-2-pentanone	8260B	Approved
RCRA Ketones in Soil	38167	4315	Acetone	8260B	Approved
RCRA Oxygenates	38169	5185	1,1,2-Trichlorotrifluoroethane	8260B	Approved
RCRA Oxygenates	38169	4770	Ethyl tert-butyl ether	8260B	Approved
RCRA Oxygenates	38169	9375	Isopropyl ether	8260B	Approved
RCRA Oxygenates	38169	5000	Methyl tert-butyl ether (MTBE)	8260B	Approved
RCRA Oxygenates	38169	5090	n-Propylbenzene	8260B	Approved
RCRA Oxygenates	38169	4370	tert-Amyl methyl ether	8260B	Approved
RCRA Oxygenates	38169	4420	tert-Butyl alcohol (t-Butanol)	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5105	1,1,1,2-Tetrachloroethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5160	1,1,1-Trichloroethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5110	1,1,2,2-Tetrachloroethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5165	1,1,2-Trichloroethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4630	1,1-Dichloroethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4640	1,1-Dichloroethene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5180	1,2,3-Trichloropropane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5155	1,2,4-Trichlorobenzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4570	1,2-Dibromo-3-chloropropane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4585	1,2-Dibromoethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4610	1,2-Dichlorobenzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4635	1,2-Dichloroethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4655	1,2-Dichloropropane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4615	1,3-Dichlorobenzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4620	1,4-Dichlorobenzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4410	2-Butanone (Methyl ethyl ketone)	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4860	2-Hexanone	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4995	4-Methyl-2-pentanone	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4315	Acetone	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4375	Benzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4385	Bromobenzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4395	Bromodichloromethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4400	Bromoform	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4950	Bromomethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4455	Carbon tetrachloride	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4475	Chlorobenzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4485	Chloroethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4505	Chloroform	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4960	Chloromethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4645	cis-1,2-Dichloroethene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4680	cis-1,3-Dichloropropene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4575	Dibromochloromethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4595	Dibromomethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4625	Dichlorodifluoromethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4765	Ethyl benzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4900	Isopropylbenzene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5000	Methyl tert-butyl ether (MTBE)	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4975	Methylene chloride	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5005	Naphthalene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5100	Styrene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5115	Tetrachloroethene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5140	Toluene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4700	trans-1,2-Dichloroethene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	4685	trans-1,3-Dichloropropene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5170	Trichloroethene	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5175	Trichlorofluoromethane	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5235	Vinyl chloride	8260B	Approved
RCRA Medium Level Volatiles in Soil	38199	5260	Xylenes, total	8260B	Approved
GRO/BTEX in Soil	SPE-025AK	4375	Benzene	8260B	Approved
GRO/BTEX in Soil	SPE-025AK	4765	Ethylbenzene	8260B	Approved
GRO/BTEX in Soil	SPE-025AK	5240	m+p-Xylene	8260B	Approved
GRO/BTEX in Soil	SPE-025AK	5000	MTBE	8260B	Approved
GRO/BTEX in Soil	SPE-025AK	5250	o-Xylene	8260B	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
GRO/BTEX in Soil	SPE-025AK	5140	Toluene	8260B	Approved
GRO/BTEX in Soil	SPE-025AK	5260	Xylene, total	8260B	Approved
NPTA			Cyclohexane	8260B	Approved
NPTA			Methyl Acetate	8260B	Approved
NPTA			Methylcyclohexane	8260B	Approved
NPTA			m&p Xylenes	8260B	Approved
NPTA			o-Xylene	8260B	Approved
NPTA			p-isopropyltoluene	8260B	Approved
NPTA			Vinyl Acetate	8260B	Approved
Volatiles in Soil	38084	5105	1,1,1,2-Tetrachloroethane	8260C	Approved
Volatiles in Soil	38084	5160	1,1,1-Trichloroethane	8260C	Approved
Volatiles in Soil	38084	5110	1,1,2,2-Tetrachloroethane	8260C	Approved
Volatiles in Soil	38084	5165	1,1,2-Trichloroethane	8260C	Approved
Volatiles in Soil	38084	4630	1,1-Dichloroethane	8260C	Approved
Volatiles in Soil	38084	4640	1,1-Dichloroethene	8260C	Approved
Volatiles in Soil	38084	4670	1,1-Dichloropropene	8260C	Approved
Volatiles in Soil	38084	5150	1,2,3-Trichlorobenzene	8260C	Approved
Volatiles in Soil	38084	5180	1,2,3-Trichloropropane	8260C	Approved
Volatiles in Soil	38084	5155	1,2,4-Trichlorobenzene	8260C	Approved
Volatiles in Soil	38084	5210	1,2,4-Trimethylbenzene	8260C	Approved
Volatiles in Soil	38084	4570	1,2-Dibromo-3-chloropropane	8260C	Approved
Volatiles in Soil	38084	4585	1,2-Dibromoethane	8260C	Approved
Volatiles in Soil	38084	4610	1,2-Dichlorobenzene	8260C	Approved
Volatiles in Soil	38084	4635	1,2-Dichloroethane	8260C	Approved
Volatiles in Soil	38084	4655	1,2-Dichloropropane	8260C	Approved
Volatiles in Soil	38084	5215	1,3,5-Trimethylbenzene	8260C	Approved
Volatiles in Soil	38084	4615	1,3-Dichlorobenzene	8260C	Approved
Volatiles in Soil	38084	4660	1,3-Dichloropropane	8260C	Approved
Volatiles in Soil	38084	4620	1,4-Dichlorobenzene	8260C	Approved
Volatiles in Soil	38084	4665	2,2-Dichloropropane	8260C	Approved
Volatiles in Soil	38084	4535	2-Chlorotoluene	8260C	Approved
Volatiles in Soil	38084	4540	4-Chlorotoluene	8260C	Approved
Volatiles in Soil	38084	4995	4-Methyl-2-pentanone	8260C	Approved
Volatiles in Soil	38084	4375	Benzene	8260C	Approved
Volatiles in Soil	38084	4385	Bromobenzene	8260C	Approved
Volatiles in Soil	38084	4390	Bromochloromethane	8260C	Approved
Volatiles in Soil	38084	4395	Bromodichloromethane	8260C	Approved
Volatiles in Soil	38084	4400	Bromoform	8260C	Approved
Volatiles in Soil	38084	4950	Bromomethane	8260C	Approved
Volatiles in Soil	38084	4450	Carbon disulphide	8260C	Approved
Volatiles in Soil	38084	4455	Carbon tetrachloride	8260C	Approved
Volatiles in Soil	38084	4475	Chlorobenzene	8260C	Approved
Volatiles in Soil	38084	4485	Chloroethane	8260C	Approved
Volatiles in Soil	38084	4505	Chloroform	8260C	Approved
Volatiles in Soil	38084	4960	Chloromethane	8260C	Approved
Volatiles in Soil	38084	4645	cis-1,2-Dichloroethene	8260C	Approved
Volatiles in Soil	38084	4680	cis-1,3-Dichloropropene	8260C	Approved
Volatiles in Soil	38084	4575	Dibromochloromethane	8260C	Approved
Volatiles in Soil	38084	4595	Dibromomethane	8260C	Approved
Volatiles in Soil	38084	4625	Dichlorodifluoromethane	8260C	Approved
Volatiles in Soil	38084	4765	Ethyl benzene	8260C	Approved
Volatiles in Soil	38084	4835	Hexachlorobutadiene	8260C	Approved
Volatiles in Soil	38084	4840	Hexachloroethane	8260C	Approved
Volatiles in Soil	38084	4900	Isopropylbenzene	8260C	Approved
Volatiles in Soil	38084	5000	Methyl tert-butyl ether (MTBE)	8260C	Approved
Volatiles in Soil	38084	4975	Methylene chloride	8260C	Approved
Volatiles in Soil	38084	5005	Naphthalene	8260C	Approved
Volatiles in Soil	38084	4435	n-Butyl benzene	8260C	Approved
Volatiles in Soil	38084	5090	n-Propylbenzene	8260C	Approved
Volatiles in Soil	38084	4910	p-Isopropyl toluene	8260C	Approved
Volatiles in Soil	38084	4440	sec-Butyl benzene	8260C	Approved
Volatiles in Soil	38084	5100	Styrene	8260C	Approved
Volatiles in Soil	38084	4445	tert-Butyl benzene	8260C	Approved
Volatiles in Soil	38084	5140	Toluene	8260C	Approved
Volatiles in Soil	38084	5260	Total Xylenes	8260C	Approved
Volatiles in Soil	38084	4700	trans-1,2-Dichloroethene	8260C	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
Volatiles in Soil	38084	5170	Trichloroethene	8260C	Approved
Volatiles in Soil	38084	5175	Trichlorofluoromethane	8260C	Approved
Volatiles in Soil	38084	5235	Vinyl chloride	8260C	Approved
RCRA BTEX & MTBE	38161	4375	Benzene	8260C	Approved
RCRA BTEX & MTBE	38161	4765	Ethyl benzene	8260C	Approved
RCRA BTEX & MTBE	38161	5140	Toluene	8260C	Approved
RCRA BTEX & MTBE	38161	5000	Methyl tert-butyl ether (MTBE)	8260C	Approved
RCRA BTEX & MTBE	38161	5260	Total Xylenes	8260C	Approved
RCRA Ketones in Soil	38167	4410	2-Butanone (Methyl ethyl ketone)	8260C	Approved
RCRA Ketones in Soil	38167	4860	2-Hexanone	8260C	Approved
RCRA Ketones in Soil	38167	4995	4-Methyl-2-pentanone	8260C	Approved
RCRA Ketones in Soil	38167	4315	Acetone	8260C	Approved
RCRA Oxygenates	38169	5185	1,1,2-Trichlorotrifluoroethane	8260C	Approved
RCRA Oxygenates	38169	4770	Ethyl tert-butyl ether	8260C	Approved
RCRA Oxygenates	38169	9375	Isopropyl ether	8260C	Approved
RCRA Oxygenates	38169	5000	Methyl tert-butyl ether (MTBE)	8260C	Approved
RCRA Oxygenates	38169	5090	n-Propylbenzene	8260C	Approved
RCRA Oxygenates	38169	4370	tert-Amyl methyl ether	8260C	Approved
RCRA Oxygenates	38169	4420	tert-Butyl alcohol (t-Butanol)	8260C	Approved
NPTA			Cyclohexane	8260C	Approved
NPTA			Methyl Acetate	8260C	Approved
NPTA			Methylcyclohexane	8260C	Approved
NPTA			m&p Xylenes	8260C	Approved
NPTA			o-Xylene	8260C	Approved
NPTA			p-isopropyltoluene	8260C	Approved
NPTA			Vinyl Acetate	8260C	Approved
Acenaphthylene in Soils	SPE-003	5505	Acenaphthylene	8270C	Approved
BNAs in Soil	SPE-003	5155	1,2,4-Trichlorobenzene	8270C	Approved
BNAs in Soil	SPE-003	4610	1,2-Dichlorobenzene	8270C	Approved
BNAs in Soil	SPE-003	4615	1,3-Dichlorobenzene	8270C	Approved
BNAs in Soil	SPE-003	4620	1,4-Dichlorobenzene	8270C	Approved
BNAs in Soil	SPE-003	6835	2,4,5-Trichlorophenol	8270C	Approved
BNAs in Soil	SPE-003	6840	2,4,6-Trichlorophenol	8270C	Approved
BNAs in Soil	SPE-003	6000	2,4-Dichlorophenol	8270C	Approved
BNAs in Soil	SPE-003	6130	2,4-Dimethylphenol	8270C	Approved
BNAs in Soil	SPE-003	6175	2,4-Dinitrophenol	8270C	Approved
BNAs in Soil	SPE-003	6185	2,4-Dinitrotoluene (2,4-DNT)	8270C	Approved
BNAs in Soil	SPE-003	6005	2,6-Dichlorophenol	8270C	Approved
BNAs in Soil	SPE-003	6190	2,6-Dinitrotoluene (2,6-DNT)	8270C	Approved
BNAs in Soil	SPE-003	5795	2-Chloronaphthalene	8270C	Approved
BNAs in Soil	SPE-003	5800	2-Chlorophenol	8270C	Approved
BNAs in Soil	SPE-003	6360	2-Methyl-4,6-dinitrophenol	8270C	Approved
BNAs in Soil	SPE-003	6385	2-Methylnaphthalene	8270C	Approved
BNAs in Soil	SPE-003	6400	2-Methylphenol (o-Cresol)	8270C	Approved
BNAs in Soil	SPE-003	6460	2-Nitroaniline	8270C	Approved
BNAs in Soil	SPE-003	6490	2-Nitrophenol	8270C	Approved
BNAs in Soil	SPE-003	5945	3,3'-Dichlorobenzidine	8270C	Approved
BNAs in Soil	SPE-003	6410	3+4-Methylphenol (m+p-Cresol)	8270C	Approved
BNAs in Soil	SPE-003	6405	3-Methylphenol (m-Cresol)	8270C	Approved
BNAs in Soil	SPE-003	6465	3-Nitroaniline	8270C	Approved
BNAs in Soil	SPE-003	5660	4-Bromophenyl phenyl ether	8270C	Approved
BNAs in Soil	SPE-003	5700	4-Chloro-3-methylphenol	8270C	Approved
BNAs in Soil	SPE-003	5745	4-Chloroaniline	8270C	Approved
BNAs in Soil	SPE-003	5825	4-Chlorophenyl phenylether	8270C	Approved
BNAs in Soil	SPE-003	6410	4-Methylphenol (p-Cresol)	8270C	Approved
BNAs in Soil	SPE-003	6470	4-Nitroaniline	8270C	Approved
BNAs in Soil	SPE-003	6500	4-Nitrophenol	8270C	Approved
BNAs in Soil	SPE-003	5500	Acenaphthene	8270C	Approved
BNAs in Soil	SPE-003	5505	Acenaphthylene	8270C	Approved
BNAs in Soil	SPE-003	5545	Aniline	8270C	Approved
BNAs in Soil	SPE-003	5555	Anthracene	8270C	Approved
BNAs in Soil	SPE-003	5595	Benzidine	8270C	Approved
BNAs in Soil	SPE-003	5575	Benzo(a)anthracene	8270C	Approved
BNAs in Soil	SPE-003	5580	Benzo(a)pyrene	8270C	Approved
BNAs in Soil	SPE-003	5585	Benzo(b)fluoranthene	8270C	Approved
BNAs in Soil	SPE-003	5590	Benzo(g,h,i)perylene	8270C	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
BNAs in Soil	SPE-003	5600	Benzo(k)fluoranthene	8270C	Approved
BNAs in Soil	SPE-003	5610	Benzoic acid	8270C	Approved
BNAs in Soil	SPE-003	5630	Benzyl alcohol	8270C	Approved
BNAs in Soil	SPE-003	5760	bis(2-Chloroethoxy)methane	8270C	Approved
BNAs in Soil	SPE-003	5765	bis(2-Chloroethyl) ether	8270C	Approved
BNAs in Soil	SPE-003	5780	bis(2-Chloroisopropyl) ether	8270C	Approved
BNAs in Soil	SPE-003	6255	bis(2-Ethylhexyl) phthalate (DEHP)	8270C	Approved
BNAs in Soil	SPE-003	5670	Butyl benzyl phthalate	8270C	Approved
BNAs in Soil	SPE-003	5680	Carbazole	8270C	Approved
BNAs in Soil	SPE-003	5855	Chrysene	8270C	Approved
BNAs in Soil	SPE-003	5895	Dibenz(a,h) anthracene	8270C	Approved
BNAs in Soil	SPE-003	5905	Dibenzofuran	8270C	Approved
BNAs in Soil	SPE-003	6070	Diethyl phthalate	8270C	Approved
BNAs in Soil	SPE-003	6135	Dimethyl phthalate	8270C	Approved
BNAs in Soil	SPE-003	5925	Di-n-butyl phthalate	8270C	Approved
BNAs in Soil	SPE-003	6200	Di-n-octyl phthalate	8270C	Approved
BNAs in Soil	SPE-003	6265	Fluoranthene	8270C	Approved
BNAs in Soil	SPE-003	6270	Fluorene	8270C	Approved
BNAs in Soil	SPE-003	6275	Hexachlorobenzene	8270C	Approved
BNAs in Soil	SPE-003	4835	Hexachlorobutadiene	8270C	Approved
BNAs in Soil	SPE-003	6285	Hexachlorocyclopentadiene	8270C	Approved
BNAs in Soil	SPE-003	4840	Hexachloroethane	8270C	Approved
BNAs in Soil	SPE-003	6315	Indeno(1,2,3-cd) pyrene	8270C	Approved
BNAs in Soil	SPE-003	6320	Isophorone	8270C	Approved
BNAs in Soil	SPE-003	5005	Naphthalene	8270C	Approved
BNAs in Soil	SPE-003	5015	Nitrobenzene	8270C	Approved
BNAs in Soil	SPE-003	6530	n-Nitrosodimethylamine	8270C	Approved
BNAs in Soil	SPE-003	6545	n-Nitroso-di-n-propylamine	8270C	Approved
BNAs in Soil	SPE-003	6535	n-Nitrosodiphenylamine	8270C	Approved
BNAs in Soil	SPE-003	6605	Pentachlorophenol	8270C	Approved
BNAs in Soil	SPE-003	6615	Phenanthrene	8270C	Approved
BNAs in Soil	SPE-003	6625	Phenol	8270C	Approved
BNAs in Soil	SPE-003	6665	Pyrene	8270C	Approved
BNAs in Soil	SPE-003	5095	Pyridine	8270C	Approved
Low-Level PAHs in Soil	722	6665	Pyrene	8270CSIM	Approved
PAHs - Solids	SPE-017	5005	Naphthalene	8270CSIM	Approved
PAHs - Solids	SPE-017	5500	Acenaphthene	8270CSIM	Approved
PAHs - Solids	SPE-017	5505	Acenaphthylene	8270CSIM	Approved
PAHs - Solids	SPE-017	5555	Anthracene	8270CSIM	Approved
PAHs - Solids	SPE-017	5575	Benzo(a)anthracene	8270CSIM	Approved
PAHs - Solids	SPE-017	5580	Benzo(a)pyrene	8270CSIM	Approved
PAHs - Solids	SPE-017	5585	Benzo(b)fluoranthene	8270CSIM	Approved
PAHs - Solids	SPE-017	5590	Benzo(g,h,I)perylene	8270CSIM	Approved
PAHs - Solids	SPE-017	5600	Benzo(k)fluoranthene	8270CSIM	Approved
PAHs - Solids	SPE-017	5855	Chrysene	8270CSIM	Approved
PAHs - Solids	SPE-017	5895	Dibenzo(a,h)anthracene	8270CSIM	Approved
PAHs - Solids	SPE-017	6265	Fluoranthene	8270CSIM	Approved
PAHs - Solids	SPE-017	6270	Fluorene	8270CSIM	Approved
PAHs - Solids	SPE-017	6315	Indeno(1,2,3-cd) pyrene	8270CSIM	Approved
PAHs - Solids	SPE-017	6385	2-Methylnaphthalene	8270CSIM	Approved
PAHs - Solids	SPE-017	6615	Phenanthrene	8270CSIM	Approved
PAHs - Solids	SPE-017	6665	Pyrene	8270CSIM	Approved
BNAs in Soil	SPE-003	5155	1,2,4-Trichlorobenzene	8270D	Approved
BNAs in Soil	SPE-003	4610	1,2-Dichlorobenzene	8270D	Approved
BNAs in Soil	SPE-003	4615	1,3-Dichlorobenzene	8270D	Approved
BNAs in Soil	SPE-003	4620	1,4-Dichlorobenzene	8270D	Approved
BNAs in Soil	SPE-003	6835	2,4,5-Trichlorophenol	8270D	Approved
BNAs in Soil	SPE-003	6840	2,4,6-Trichlorophenol	8270D	Approved
BNAs in Soil	SPE-003	6000	2,4-Dichlorophenol	8270D	Approved
BNAs in Soil	SPE-003	6130	2,4-Dimethylphenol	8270D	Approved
BNAs in Soil	SPE-003	6175	2,4-Dinitrophenol	8270D	Approved
BNAs in Soil	SPE-003	6185	2,4-Dinitrotoluene (2,4-DNT)	8270D	Approved
BNAs in Soil	SPE-003	6005	2,6-Dichlorophenol	8270D	Approved
BNAs in Soil	SPE-003	6190	2,6-Dinitrotoluene (2,6-DNT)	8270D	Approved
BNAs in Soil	SPE-003	5795	2-Chloronaphthalene	8270D	Approved
BNAs in Soil	SPE-003	5800	2-Chlorophenol	8270D	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
BNAs in Soil	SPE-003	6360	2-Methyl-4,6-dinitrophenol	8270D	Approved
BNAs in Soil	SPE-003	6385	2-Methylnaphthalene	8270D	Approved
BNAs in Soil	SPE-003	6400	2-Methylphenol (o-Cresol)	8270D	Approved
BNAs in Soil	SPE-003	6460	2-Nitroaniline	8270D	Approved
BNAs in Soil	SPE-003	6490	2-Nitrophenol	8270D	Approved
BNAs in Soil	SPE-003	5945	3,3'-Dichlorobenzidine	8270D	Approved
BNAs in Soil	SPE-003	6410	3+4-Methylphenol (m+p-Cresol)	8270D	Approved
BNAs in Soil	SPE-003	6405	3-Methylphenol (m-Cresol)	8270D	Approved
BNAs in Soil	SPE-003	6465	3-Nitroaniline	8270D	Approved
BNAs in Soil	SPE-003	5660	4-Bromophenyl phenyl ether	8270D	Approved
BNAs in Soil	SPE-003	5700	4-Chloro-3-methylphenol	8270D	Approved
BNAs in Soil	SPE-003	5745	4-Chloroaniline	8270D	Approved
BNAs in Soil	SPE-003	5825	4-Chlorophenyl phenylether	8270D	Approved
BNAs in Soil	SPE-003	6410	4-Methylphenol (p-Cresol)	8270D	Approved
BNAs in Soil	SPE-003	6470	4-Nitroaniline	8270D	Approved
BNAs in Soil	SPE-003	6500	4-Nitrophenol	8270D	Approved
BNAs in Soil	SPE-003	5500	Acenaphthene	8270D	Approved
BNAs in Soil	SPE-003	5505	Acenaphthylene	8270D	Approved
BNAs in Soil	SPE-003	5545	Aniline	8270D	Approved
BNAs in Soil	SPE-003	5555	Anthracene	8270D	Approved
BNAs in Soil	SPE-003	5595	Benzidine	8270D	Approved
BNAs in Soil	SPE-003	5575	Benzo(a)anthracene	8270D	Approved
BNAs in Soil	SPE-003	5580	Benzo(a)pyrene	8270D	Approved
BNAs in Soil	SPE-003	5585	Benzo(b)fluoranthene	8270D	Approved
BNAs in Soil	SPE-003	5590	Benzo(g,h,i)perylene	8270D	Approved
BNAs in Soil	SPE-003	5600	Benzo(k)fluoranthene	8270D	Approved
BNAs in Soil	SPE-003	5610	Benzoic acid	8270D	Approved
BNAs in Soil	SPE-003	5630	Benzyl alcohol	8270D	Approved
BNAs in Soil	SPE-003	5760	bis(2-Chloroethoxy)methane	8270D	Approved
BNAs in Soil	SPE-003	5765	bis(2-Chloroethyl) ether	8270D	Approved
BNAs in Soil	SPE-003	5780	bis(2-Chloroisopropyl) ether	8270D	Approved
BNAs in Soil	SPE-003	6255	bis(2-Ethylhexyl) phthalate (DEHP)	8270D	Approved
BNAs in Soil	SPE-003	5670	Butyl benzyl phthalate	8270D	Approved
BNAs in Soil	SPE-003	5680	Carbazole	8270D	Approved
BNAs in Soil	SPE-003	5855	Chrysene	8270D	Approved
BNAs in Soil	SPE-003	5895	Dibenz(a,h) anthracene	8270D	Approved
BNAs in Soil	SPE-003	5905	Dibenzofuran	8270D	Approved
BNAs in Soil	SPE-003	6070	Diethyl phthalate	8270D	Approved
BNAs in Soil	SPE-003	6135	Dimethyl phthalate	8270D	Approved
BNAs in Soil	SPE-003	5925	Di-n-butyl phthalate	8270D	Approved
BNAs in Soil	SPE-003	6200	Di-n-octyl phthalate	8270D	Approved
BNAs in Soil	SPE-003	6265	Fluoranthene	8270D	Approved
BNAs in Soil	SPE-003	6270	Fluorene	8270D	Approved
BNAs in Soil	SPE-003	6275	Hexachlorobenzene	8270D	Approved
BNAs in Soil	SPE-003	4835	Hexachlorobutadiene	8270D	Approved
BNAs in Soil	SPE-003	6285	Hexachlorocyclopentadiene	8270D	Approved
BNAs in Soil	SPE-003	4840	Hexachloroethane	8270D	Approved
BNAs in Soil	SPE-003	6315	Indeno(1,2,3-cd) pyrene	8270D	Approved
BNAs in Soil	SPE-003	6320	Isophorone	8270D	Approved
BNAs in Soil	SPE-003	5005	Naphthalene	8270D	Approved
BNAs in Soil	SPE-003	5015	Nitrobenzene	8270D	Approved
BNAs in Soil	SPE-003	6530	n-Nitrosodimethylamine	8270D	Approved
BNAs in Soil	SPE-003	6545	n-Nitroso-di-n-propylamine	8270D	Approved
BNAs in Soil	SPE-003	6535	n-Nitrosodiphenylamine	8270D	Approved
BNAs in Soil	SPE-003	6605	Pentachlorophenol	8270D	Approved
BNAs in Soil	SPE-003	6615	Phenanthrene	8270D	Approved
BNAs in Soil	SPE-003	6625	Phenol	8270D	Approved
BNAs in Soil	SPE-003	6665	Pyrene	8270D	Approved
BNAs in Soil	SPE-003	5095	Pyridine	8270D	Approved
PAHs - Solids	SPE-017	5005	Naphthalene	8270DSIM	Approved
PAHs - Solids	SPE-017	5500	Acenaphthene	8270DSIM	Approved
PAHs - Solids	SPE-017	5505	Acenaphthylene	8270DSIM	Approved
PAHs - Solids	SPE-017	5555	Anthracene	8270DSIM	Approved
PAHs - Solids	SPE-017	5575	Benzo(a)anthracene	8270DSIM	Approved
PAHs - Solids	SPE-017	5580	Benzo(a)pyrene	8270DSIM	Approved
PAHs - Solids	SPE-017	5585	Benzo(b)fluoranthene	8270DSIM	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
PAHs - Solids	SPE-017	5590	Benzo(g,h,I)perylene	8270DSIM	Approved
PAHs - Solids	SPE-017	5600	Benzo(k)fluoranthene	8270DSIM	Approved
PAHs - Solids	SPE-017	5855	Chrysene	8270DSIM	Approved
PAHs - Solids	SPE-017	5895	Dibenzo(a,h)anthracene	8270DSIM	Approved
PAHs - Solids	SPE-017	6265	Fluoranthene	8270DSIM	Approved
PAHs - Solids	SPE-017	6270	Fluorene	8270DSIM	Approved
PAHs - Solids	SPE-017	6315	Indeno(1,2,3-cd) pyrene	8270DSIM	Approved
PAHs - Solids	SPE-017	6385	2-Methylnaphthalene	8270DSIM	Approved
PAHs - Solids	SPE-017	6615	Phenanthrene	8270DSIM	Approved
PAHs - Solids	SPE-017	6665	Pyrene	8270DSIM	Approved
Dioxins and Furans in Soil	SPE-016	9612	2,3,7,8-TCDD	8290	Approved
Dioxins and Furans in Soil	SPE-016	9606	PCDD + PCDF, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9992	PCDD, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9615	TCDD, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9519	1,2,3,4,6,7,8,9-OCDD	8290	Approved
Dioxins and Furans in Soil	SPE-016	9516	1,2,3,4,6,7,8,9-OCDF	8290	Approved
Dioxins and Furans in Soil	SPE-016	9426	1,2,3,4,6,7,8-Hpcdd	8290	Approved
Dioxins and Furans in Soil	SPE-016	9420	1,2,3,4,6,7,8-Hpcdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9423	1,2,3,4,7,8,9-Hpcdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9453	1,2,3,4,7,8-Hxcdd	8290	Approved
Dioxins and Furans in Soil	SPE-016	9471	1,2,3,4,7,8-Hxcdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9456	1,2,3,6,7,8-Hxcdd	8290	Approved
Dioxins and Furans in Soil	SPE-016	9474	1,2,3,6,7,8-Hxcdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9459	1,2,3,7,8,9-Hxcdd	8290	Approved
Dioxins and Furans in Soil	SPE-016	9477	1,2,3,7,8,9-Hxcdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9540	1,2,3,7,8-Pecdd	8290	Approved
Dioxins and Furans in Soil	SPE-016	9543	1,2,3,7,8-Pecdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9480	2,3,4,6,7,8-Hxcdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9549	2,3,4,7,8-Pecdf	8290	Approved
Dioxins and Furans in Soil	SPE-016	9606	2,3,7,8-TCDD	8290	Approved
Dioxins and Furans in Soil	SPE-016	9989	2,3,7,8-TCDF	8290	Approved
Dioxins and Furans in Soil	SPE-016	9438	Hpcdd, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9444	Hpcdf, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9468	Hxcdd, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9483	Hxcdf, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9992	PCDD + PCDF, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9991	PCDD, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9993	PCDF, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9555	Pecdd, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9552	Pecdf, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9989	TCDD, total	8290	Approved
Dioxins and Furans in Soil	SPE-016	9991	TCDF, total	8290	Approved
RCRA Carbamates	38158	7710	3-Hydroxycarbofuran	8321A	Approved
RCRA Carbamates	38158	7010	Aldicarb	8321A	Approved
RCRA Carbamates	38158	7015	Aldicarb sulfone	8321A	Approved
RCRA Carbamates	38158	7020	Aldicarb sulfoxide	8321A	Approved
RCRA Carbamates	38158	8080	Baygon (Propoxur)	8321A	Approved
RCRA Carbamates	38158	7195	Carbaryl	8321A	Approved
RCRA Carbamates	38158	7205	Carbofuran	8321A	Approved
RCRA Carbamates	38158	9384	Dioxacarb	8321A	Approved
RCRA Carbamates	38158	7505	Diuron	8321A	Approved
RCRA Carbamates	38158	7800	Methiocarb	8321A	Approved
RCRA Carbamates	38158	7805	Methomyl	8321A	Approved
RCRA Carbamates	38158	8025	Promecarb	8321A	Approved
RCRA Nitroaromatics in Soil	38155	6885	1,3,5-Trinitrobenzene	8330	Approved
RCRA Nitroaromatics in Soil	38155	6160	1,3-Dinitrobenzene	8330	Approved
RCRA Nitroaromatics in Soil	38155	9651	2,4,6-Trinitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	6185	2,4-Dinitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	6190	2,6-Dinitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	9303	2-Amino-4,6-dinitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	9507	2-Nitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	9510	3-Nitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	9306	4-Amino-2,6-dinitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	9513	4-Nitrotoluene	8330	Approved
RCRA Nitroaromatics in Soil	38155	9522	HMX	8330	Approved
RCRA Nitroaromatics in Soil	38155	5015	Nitrobenzene	8330	Approved

Accredited Analytes/Methods

SOIL Proficiency Testing Summary

Lab Name : APPL, Inc.

City/State : Clovis, CA

PartName	PartNumber	NELACCode	AnalyteName	EPA Method	PT Results
NPTA			Nitroglycerin	8330	Approved
NPTA			PGDN	8330	Approved
NPTA			Picric Acid	8330	Approved
NPTA			PETN	8330	Approved
RCRA Nitroaromatics in Soil	38155	9432	RDX	8330	Approved
RCRA Nitroaromatics in Soil	38155	6415	Tetryl	8330	Approved
RCRA Nitroaromatics in Soil	38155	6885	1,3,5-Trinitrobenzene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	6160	1,3-Dinitrobenzene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9651	2,4,6-Trinitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	6185	2,4-Dinitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	6190	2,6-Dinitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9303	2-Amino-4,6-dinitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9507	2-Nitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9510	3-Nitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9306	4-Amino-2,6-dinitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9513	4-Nitrotoluene	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9522	HMX	8330A	Approved
RCRA Nitroaromatics in Soil	38155	5015	Nitrobenzene	8330A	Approved
NPTA			Nitroglycerin	8330A	Approved
NPTA			PGDN	8330A	Approved
NPTA			Picric Acid	8330A	Approved
NPTA			PETN	8330A	Approved
RCRA Nitroaromatics in Soil	38155	9432	RDX	8330A	Approved
RCRA Nitroaromatics in Soil	38155	6415	Tetryl	8330A	Approved
RCRA Nitroaromatics in Soil	38155	6885	1,3,5-Trinitrobenzene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	6160	1,3-Dinitrobenzene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9651	2,4,6-Trinitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9185	2,4-Dinitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	6190	2,6-Dinitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9303	2-Amino-4,6-dinitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9507	2-Nitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9510	3-Nitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9306	4-Amino-2,6-dinitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9513	4-Nitrotoluene	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9522	HMX	8330B	Approved
RCRA Nitroaromatics in Soil	38155	5015	Nitrobenzene	8330B	Approved
NPTA			Nitroglycerin	8330B	Approved
NPTA			PGDN	8330B	Approved
NPTA			Picric Acid	8330B	Approved
NPTA			PETN	8330B	Approved
RCRA Nitroaromatics in Soil	38155	9432	RDX	8330B	Approved
RCRA Nitroaromatics in Soil	38155	6415	Tetryl	8330B	Approved
RCRA Cyanide	55105	1645	Cyanide	9010B	Approved
RCRA Cyanide	55105	1645	Cyanide	9010C	Approved
RCRA Cyanide	55105	1645	Cyanide	9014	Approved
RCRA Corrosivity - pH Determination	55127	1625	Corrosivity	9045C	Approved
RCRA Corrosivity - pH Determination	55127	1625	Corrosivity	9045D	Approved
RCRA Anions	55141	1541	Bromide (Br)	9056	Approved
RCRA Anions	55141	1576	Chloride (Cl)	9056	Approved
RCRA Anions	55141	1731	Fluoride (F)	9056	Approved
RCRA Anions	55141	1811	Nitrate as N (NO3- as N)	9056	Approved
RCRA Anions	55141	1871	Phosphate as P (PO43- as P)	9056	Approved
RCRA Anions	55141	2001	Sulfate (SO42-)	9056	Approved
RCRA Anions	55141	1540	Bromide (Br)	9056A	Approved
RCRA Anions	55141	1575	Chloride (Cl)	9056A	Approved
RCRA Anions	55141	1730	Fluoride (F)	9056A	Approved
RCRA Anions	55141	1810	Nitrate as N (NO3- as N)	9056A	Approved
RCRA Anions	55141	1870	Phosphate as P (PO43- as P)	9056A	Approved
RCRA Anions	55141	2000	Sulfate (SO42-)	9056A	Approved
RCRA Nutrients	55142	2040	TOC	Walkley Black	Approved
Nutrients	PEO-014	2040	TOC	Walkley Black	Approved

Appendix B
Final Responses to USEPA and PREQB Comments

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Final Responses To

USEPA Comments on the

Draft Addendum 1 Laboratory Specific Worksheets for Regional Monitoring Well Soil and Groundwater Sampling Master Sampling and Analysis Plan

East Vieques Terrestrial UXO Sites
Atlantic Fleet Weapons Training Area – Vieques
Former Vieques Naval Training Range

Vieques, Puerto Rico
Dated August 2012

Presented below are review comments on the *Draft Addendum 1 Laboratory Specific Worksheets for Regional Monitoring Well Soil and Groundwater Sampling, Master Sampling and Analysis Plan, East Vieques Terrestrial UXO Sites, Former Vieques Naval Training Range, Vieques, Puerto Rico;* dated August 2012 (hereinafter referred to as the SAP Addendum).

General Comments

1. The SAP Addendum does not provide all of the necessary laboratory information. For example, the laboratory standard operating procedures (SOPs) have not been provided for the proposed methods. Without this information, the adequacy of the laboratory methods cannot be evaluated and the information in the SAP Addendum cannot be verified. In addition, the laboratory statistically derived quality control (QC) limits should be provided for all proposed methods to ensure the laboratories can meet the criteria established in the SAP Addendum and the *Draft Final Master Sampling and Analysis Plan, East Vieques Terrestrial UXO Sites,* dated November 2012 (Terrestrial SAP). Revise the SAP Addendum to provide all necessary laboratory information including the laboratory SOPs and statistically derived QC limits.

   Navy Response:

   As standard practice on all Vieques projects, laboratory SOPs are proprietary and confidential and are not distributed as part of UFP-SAPs. They are available upon request, with laboratory permission, and have been provided to the regulators for reference but are not included in the Final Addendum 1.

   QC limits (for accuracy and precision) are provided in the Master SAP and also in Addendum 1 Worksheet #15s. QC limits for radiological analyses are provided in Addendum 1 Worksheet #28s. These are the actual limits which will be used by the selected laboratories during the execution of the project. The following paragraph has been added to the Addendum 1 Executive Summary after the last bullet:

   "For multi-analyte lists, Worksheet #15 also presents accuracy and precision limits if the information would be cumbersome within Worksheet #28. These are the accuracy and precision limits which will be used by the selected laboratories to determine QA/QC exceedances, take corrective action if required, etc."

2. The footnotes in Worksheet #15 indicate that project action limits (PALs) are less than the limits of detection (LODs) and detection limits (DLs) for several analytes (e.g., nitroglycerin, arsenic, thallium, and chromium). For example, the footnotes for Worksheet #15-5 discuss a small range of uncertainty for arsenic (between 0.045 micrograms/liter [µg/L] and 0.15 µg/L), where a detection greater than the screening level would not be reported because it cannot be distinguished from noise, and indicates that this uncertainty will be discussed

in the data quality evaluation report. However, the uncertainty should be discussed in the planning process as part of the SAP Addendum to ensure all parties are in agreement. Further, the footnotes for Worksheet #15-5 discuss assuming non-detected hexavalent chromium results (with an LOD of 20 µg/L) are less than detected total chromium results (LOD of 1 µg/L), but the uncertainty in the assumption is not discussed. Revise the SAP Addendum to explain why the uncertainty ranges for analytes with limits of quantitation, LOD and DLs above PALs were deemed acceptable for this investigation.

Navy Response:

In the above example, the uncertainty resulting from an instance of aqueous arsenic LOD > SL is already discussed as it pertains to a predicted data use, the attempt to demonstrate the absence of arsenic in a matrix at less than its SL. It is conservative to predict such an unlikely data use because it should not be necessary to demonstrate the absence of arsenic at less than a screening level when an arsenic release is not suspected. Furthermore, such a predicted data use may be completely irrelevant if, for example, arsenic is detected in the matrix at greater than its SL. The text in Worksheet #15 provides reasons why project decisions can still be made despite instances of LOD > SL. Once the data are generated and used, the actual uncertainty surrounding the data and its use will be discussed in the data quality evaluation report, as already described in the text referenced in the comment above. If, at that time, it is determined that the uncertainty is unacceptable, additional analysis can be performed, if warranted. The following paragraph has been added to the Addendum 1 Executive Summary after the new paragraph resulting from the response to EPA General Comment #1:

> "Worksheet #15 presents laboratory-specific reporting limits and compares them to screening levels (SLs) which are up-to-date as of preparation of this Final Addendum 1. SLs are subject to change and may be updated over time. The most-recent SLs are always presented in work plans and reports. Shading indicates SLs for which the laboratory-specific limits of detection (LODs) are greater than the SLs. Specific instances and their potential impact on data are discussed within Worksheet #11 of the Final Master SAP. Once the data are generated and used, the actual uncertainty surrounding the data and its use will be discussed in the data quality evaluation report. If, at that time, it is determined that the uncertainty is unacceptable, additional analysis can be performed, if warranted."

With respect to hexavalent chromium, the following has been added to the footnotes in Worksheet #15-5:

> "Hexavalent chromium cannot exceed total chromium and so whether chromium is detected or nondetect, hexavalent chromium must be present or not present at less than total chromium's concentration or reporting limit. Further, samples collected at multiple sites across Vieques and analyzed for both total chromium and hexavalent chromium show that hexavalent chromium generally makes up a very small percentage of the total chromium. Furthermore, it is not unusual to see (colorimetric) hexavalent chromium concentrations which exceed (ICP-AES or ICP-MS) chromium concentrations and such is routinely attributed to interference."

3. The SAP Addendum does not identify the sampling and data validation project personnel. For example, the Field Team Leader and third party Data Validator are listed as to be determined (TBD) in the Terrestrial SAP. Revise the SAP Addendum to identify these personnel and provide their contact information.

Navy Response:

Please see the response to General Comment #4 below.

4. The SAP Addendum does not discuss what procedures will be used to validate the uranium isotope data. Worksheet #36 of the Terrestrial SAP states that Level IV third-party data validation will be performed on 100% of definitive data, but does not include the uranium isotope analyses. Revise the SAP Addendum to clarify the procedures that will be used to validate the uranium isotope data and/or provide data validation checklists if a modified procedure will be used.

Navy Response:

There are no Region II SOPs for validation of radiological data. Validation will be completed using the USACE Radionuclide Data Quality Evaluation Guidance for Alpha and Gamma Spectroscopy. The following paragraph has been added to the Addendum 1 Executive Summary after the new paragraph resulting from the response to EPA General Comment #2:

> "For the soil sampling associated with monitoring well installation, the field team leaders (FTLs) are Antonio Luna [(813) 281-7956] and Ronny Fields [(865) 560-2801]. For the groundwater monitoring well sampling, the FTL(s) is to be determined (TBD). For both events, the third-party data validator has been identified as Doug Weaver of Environmental Data Services, Inc. Validation of radiological data will be completed using the USACE Radionuclide Data Quality Evaluation Guidance for Alpha and Gamma Spectroscopy."

Specific Comments

1. **Worksheets #15-1 and #15-4, Field Sampling Requirements Tables, Pages 3 and 9:** The analyte lists for explosives in soil and groundwater include 3,5-Dinitroaniline, but this compound is not included in the Terrestrial SAP. Additionally, picric acid is not included in the analyte lists for explosives, but is in the Terrestrial SAP. Revise the explosives analyte lists for soil and groundwater to be consistent with the Terrestrial SAP. Alternatively, provide the rationale for why the analyte list has changed.

Navy Response:

3,5-Dinitroaniline was inadvertently included for the soil analysis associated with monitoring well installation, but is not part of the groundwater sampling or sampling included in the Master SAP.

At the time of preparation of the Draft Master SAP, picric acid was not part of the EXPLO TCL and was therefore not included in Draft Addendum 1, under which the soil sampling as part of monitoring well installation was conducted. However, based on discussion among the Vieques Technical Subcommittee members, picric acid has been added to the EXPLO TCL for media analyses in the Final Master SAP and for groundwater analyses in the Final Addendum 1. Therefore, picric acid has been added to the groundwater EXPLO TCL but not added to the soil EXPLO TCL in the Final Addendum 1. The absence of picric acid in the 23 soil samples collected as part of the monitoring well installation will not adversely affect project decisions because of the large number of soil samples planned for collection that will include picric acid analysis and because picric acid does not have screening values, which makes its data informational in nature.

2. **Worksheet #19, Field Sampling Requirements Table, Pages 17 to 18:** The sample collection information presented in the SAP Addendum is incomplete. For example, it appears one 1-liter container will be collected for soil to be analyzed for metals (U-only) and uranium isotopes (RAD). Footnote 4 indicates that ARS International will ship the U-only fraction to Davis & Floyd, Inc. However, the SAP Addendum does not discuss how a representative aliquot will be obtained and shipped to Davis & Floyd, Inc. Further, the procedures/SOPs for how the laboratory will split, ship, and transfer custody of the samples are not provided. Revise the SAP Addendum to provide this information.

Navy Response:

Laboratories routinely ship samples or fractions to their lower-tier subcontractors for analyses they cannot or are not certified to perform. Please refer to Addendum 1 Worksheet #23 and SOP ARS-062 for receipt, handling, and custody procedures at ARS International.

3. **Worksheet #19, Field Sampling Requirements Table, Pages 17 to 18:** The proposed sample volumes appear insufficient in some cases. The table indicates that one 250 milliliter (mL) container will be collected for the groundwater samples to be analyzed for metals by Methods 6010C and 6020A. The table also indicates that these methods require 200 mL and 25 mL, respectively, so there would not be little extra volume if the samples needed to be reanalyzed. Additionally one liter of sample is indicated to be collected for uranium and radiological parameters, but this table indicates that 1,025 mL will be needed to analyze these parameters. Ensure sufficient volume will be collected for all parameters and revise Worksheet #19 as needed.

   Navy Response:

   For 6010C, there was a typo and only 50mL is required (Worksheet #19 has been revised to reflect this); therefore, 250mL containers for both 6010C and 6020A analyses are sufficient. For RAD, there was a typo as “1000mL” was intended to imply “fill completely.” Only 1mL is actually required and Worksheet #19 has been updated to reflect this. Please also refer to response to PREQB Comment #6.

4. **Worksheet #23, Analytical SOP References Table, Page 21:** The SAP Addendum indicates Davis & Floyd, Inc. will analyze soil samples for total uranium, but the Davis & Floyd, Inc. preparation SOP listed in this worksheet is only for the digestion of water samples. In addition, the sample receipt and handling SOPs from Davis & Floyd, Inc. and TestAmerica Savannah are not included in this worksheet. Revise this worksheet to include the Davis & Floyd, Inc. SOP for the preparation of soil samples for total uranium analyses and the sample receipt and handling SOPs for Davis & Floyd, Inc. and TestAmerica Savannah.

   Navy Response:

   For soil at Davis & Floyd, the requested change has been made. Please also refer to response to PREQB Comment #5. For receipt and handling SOPs by Davis & Floyd and TestAmerica-Savannah, SOPs SA-CU-01, 20016, and 20015 have been added to Worksheet #23.

Final Responses to

PREQB Technical Review of

Draft Master Sampling and Analysis Plan
Addendum 1, Laboratory Specific Worksheets for
Regional Monitoring Well Soil and Groundwater Sampling

1. Executive Summary: Please add Worksheet #1: Title & Approval Page to the list of worksheets included in Addendum 1.

   Navy Response:

   The above mentioned edit has been made.

2. Executive Summary and Worksheets #15: Please change the title of Worksheet #15 to Project Action Limits and Laboratory-Specific Detection/Quantitation Limits.

   Navy Response:

   The Worksheet # 15 title has been changed to "Reference Limits and Evaluation Table," which is the correct title.

3. Worksheet 15-2: The DLs and LODs are reversed for beryllium and cadmium in this worksheet. Please correct.

   Navy Response:

   The above mentioned edit has been made.

4. Worksheet 20:

   a. The number of soil and groundwater field duplicates is listed as 3 for explosives and metals analyses. However, the original Worksheet #18 shows only that 2 field duplicate pairs will be collected for each matrix for these analyses. Please clarify.

      Navy Response:

      Three field duplicates are appropriate for 23 samples according to the "One per 10 normal field samples per matrix" frequency specified by Worksheet #28s in the Master SAP. Assuming 23 soil samples and 23 groundwater samples are collected, then three soil field duplicates and three groundwater field duplicates will be required. If more or fewer samples are collected for whatever reason, the number of field duplicates will be adjusted as required.

   b. The number of soil and groundwater MS/MSDs is listed as 1 for uranium analyses. However, the original Worksheet #18 shows no MS/MSDs being collected for these analyses in both matrices. Please clarify.

      Navy Response:

      MS/MSDs are not relevant to radiological analyses. References to MS/MSDs for radiological analyses have been removed from Addendum 1, which is consistent with the Master SAP.

5. Worksheet #23: SOP 32302 is for preparation of aqueous samples for elemental uranium analysis. Please provide the SOP for the preparation of solid samples for elemental uranium analysis by David & Floyd, Inc. and update Worksheet #19 accordingly.

   Navy Response:

   A row for SOP 32304 "Acid Digestion of Soils. . ." was added to Worksheet #23. Worksheet #19 was updated to show 32304 prior to 32302 for METAL (U-only) in SB. The same change was made for Worksheet #30.

6. Appendix A: The DoD-ELAP Accreditation provided for American Radiation Services, Inc. does not list elemental uranium by ICP/MS in water samples as an accredited technique. Please clarify.

   Navy Response:

   Please refer to Footnote #5 on Worksheet #23. ARS must achieve DoD ELAP accreditation for analysis of uranium in aqueous samples via SW-846 6020A prior to sample collection. This was expected to occur within the October, 2012 timeframe (prior to sample collection). ARS did not achieve the required certification; therefore, ALS-Ft. Collins was selected to perform this analysis in groundwater. ALS-Ft. Collins is DoD ELAP accredited for this analyte via SW-846 6020A and the change has been made throughout Addendum 1.