



STATE OF NEW YORK
DEPARTMENT OF HEALTH

Wadsworth Center The Governor Nelson A. Rockefeller Empire State Plaza P.O. BOX 509 Albany, New York 12201-0509

RICHARD F. DAINES, M.D.
Commissioner

JAMES W. CLYNE
Executive Deputy Commissioner

March 25, 2010

LAB ID: 11642
MR. DAVID REPPERT
USGS NATIONAL WATER QUALITY LABORATORY
PO BOX 25585
DENVER, CO 80225-0585

Dear Mr. Reppert:

Your laboratory's scores for the Environmental Laboratory Approval Program (ELAP) January 2010 Non-Potable Water/Solid & Chemical Materials/Air & Emissions Chemistry Proficiency Test #330 are enclosed.

ELAP validates the fitness for use of each sample/analyte used in its PT studies. Homogeneity and prepared value evaluations were completed prior to shipment for this study. After the study close date all samples/analytes are evaluated again for stability.

The score "Check for Error" is a passing score. It indicates a result that fell outside of the range of the mean plus/minus two standard deviations but is within the range of the mean plus/minus three standard deviations.

Each unsatisfactory analytical result requires that the laboratory director investigate the cause of the laboratory's performance and establish a remedial plan. The investigation report and remedial plan must be on file in your laboratory and available for review during your on-site assessment. Furthermore, if this is your lab's second unsatisfactory proficiency test in a row for a particular matrix-analyte-method, your lab will lose accreditation for that matrix-analyte-method.

A statistical summary for this proficiency test round may be requested by contacting the Program at ELAP@health.state.ny.us. This summary provides technology based scoring and statistical information.

Sincerely,

Daniel Dickinson
Technical Director
Environmental Laboratory
Approval Program

**WADSWORTH CENTER
NEW YORK STATE DEPARTMENT OF HEALTH
ENVIRONMENTAL LABORATORY APPROVAL PROGRAM**

Proficiency Test Report

Lab Id: 11642 USGS NATIONAL WATER QUALITY LABORATORY
 PO BOX 25585
 EPA Lab Code: DENVER, CO 80225-0585
 CO00009 (303) 236-2000
 Director: MR. DAVID REPERT

Shipment Date : 19-Jan-2010
 Closing Date : 04-Mar-2010
 Score Date : 25-Mar-2010

ELAP is an A2LA accredited Proficiency Testing Provider. Certificate Number 1785.01

Shipment: 330 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Test Method	Prep Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Color									
Color EPA Code: N/A	Color	3056	USGS I-1250-85		15	17.4		6.87 - 27.93	Satisfactory <i>50 passed out of 50 reported results.</i>
Sample: Non Potable Water Demand									
Chemical Oxygen Demand ** EPA Code: 0036	mg/L	3001	USGS I-3561-85		97.3	94.7 *	76.8 - 104	69.9 - 111	Satisfactory <i>69 passed out of 76 reported results.</i>
Organic Carbon, Total ** EPA Code: N/A	mg/L	3001	Technology: IR		Not Reported				Not Evaluated No data was reported for this Sample/Analyte/Technology by this Lab.
Sample: Non Potable Water Chlorophenoxy Acid Pesticides (Herbicides)									
2,4-D EPA Code: N/A	ug/L	3018	USGS O-2060-01		4.25	4.78		0.63 - 10.3	Satisfactory <i>35 passed out of 37 reported results.</i>
Dicamba EPA Code: N/A	ug/L	3018	USGS O-2060-01		2.56	3.57		0.47 - 6.90	Satisfactory <i>24 passed out of 24 reported results.</i>
Sample: Non Potable Water Inorganic Nutrients									
Ammonia (as N) ** EPA Code: N/A	mg/L	3007	USGS I-2522-90		3.32	3.38 *	2.74 - 4.09	2.41 - 4.42	Satisfactory <i>112 passed out of 117 reported results.</i>
Nitrate (as N) ** EPA Code: N/A	mg/L	3007	USGS I-2545-90		14.1	14.6 *	12.4 - 16.6	11.4 - 17.6	Satisfactory <i>113 passed out of 116 reported results.</i>
Orthophosphate (as P) ** EPA Code: N/A	mg/L	3007	USGS I-2601-90		1.91	1.77 *	1.54 - 2.02	1.41 - 2.15	Satisfactory <i>87 passed out of 94 reported results.</i>
Sample: Non Potable Water Surfactants									
Surfactants (as MBAS) EPA Code: N/A	mg/L	3043	USGS O-3128-95		0.290	0.379		0.218 - 0.54	Satisfactory <i>33 passed out of 37 reported results.</i>

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Analyte Name	Units	Sample ID	Test Method	Prep Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II									
Silver, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		144	145 *	131 - 159	124 - 166	Satisfactory <i>132 passed out of 138 reported results.</i>
Silver, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		141	145 *	131 - 159	124 - 166	Satisfactory <i>132 passed out of 138 reported results.</i>
Aluminum, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		357	367 *	306 - 430	275 - 462	Satisfactory <i>108 passed out of 110 reported results.</i>
Aluminum, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		358	367 *	306 - 430	275 - 462	Satisfactory <i>108 passed out of 110 reported results.</i>
Arsenic, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		562	579 *	518 - 646	486 - 678	Satisfactory <i>136 passed out of 139 reported results.</i>
Barium, Total EPA Code: 0237	ug/L	3011A	USGS I-4472-97		219	221		192 - 250	Satisfactory <i>116 passed out of 119 reported results.</i>
Barium, Total EPA Code: 0237	ug/L	3011A	USGS I-4471-97		221	221		192 - 250	Satisfactory <i>116 passed out of 119 reported results.</i>
Beryllium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		339	356 *	319 - 385	302 - 402	Satisfactory <i>115 passed out of 117 reported results.</i>
Beryllium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		337	356 *	319 - 385	302 - 402	Satisfactory <i>115 passed out of 117 reported results.</i>
Boron, Total EPA Code: N/A	ug/L	3011A	USGS I-4472-97		1860	1770		1460 - 2080	Satisfactory <i>51 passed out of 52 reported results.</i>
Cadmium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		336	344 *	310 - 375	293 - 391	Satisfactory <i>144 passed out of 145 reported results.</i>
Cadmium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		336	344 *	310 - 375	293 - 391	Satisfactory <i>144 passed out of 145 reported results.</i>

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Analyte Name	Units	Sample ID	Test Method	Prep Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II									
Cobalt, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		417	432 *	397 - 467	379 - 484	Satisfactory <i>93 passed out of 96 reported results.</i>
Cobalt, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		422	432 *	397 - 467	379 - 484	Satisfactory <i>93 passed out of 96 reported results.</i>
Chromium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		43.8	44.4 *	38.9 - 49.5	36.2 - 52.2	Satisfactory <i>133 passed out of 138 reported results.</i>
Copper, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		192	200 *	186 - 215	179 - 222	Satisfactory <i>135 passed out of 141 reported results.</i>
Copper, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		194	200 *	186 - 215	179 - 222	Satisfactory <i>135 passed out of 141 reported results.</i>
Iron, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		709	734 *	678 - 801	647 - 831	Satisfactory <i>91 passed out of 94 reported results.</i>
Manganese, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		2890	3000 *	2810 - 3230	2700 - 3330	Satisfactory <i>112 passed out of 122 reported results.</i>
Manganese, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		2830	3000 *	2810 - 3230	2700 - 3330	Satisfactory <i>112 passed out of 122 reported results.</i>
Nickel, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		2040	2110 *	1990 - 2280	1920 - 2350	Satisfactory <i>124 passed out of 136 reported results.</i>
Nickel, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		2020	2110 *	1990 - 2280	1920 - 2350	Satisfactory <i>124 passed out of 136 reported results.</i>
Lead, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		411	421 *	383 - 457	365 - 475	Satisfactory <i>158 passed out of 164 reported results.</i>
Antimony, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		270	277 *	212 - 312	188 - 336	Satisfactory <i>117 passed out of 121 reported results.</i>

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Analyte Name	Units	Sample ID	Test Method	Prep Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II									
Selenium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		824	834 *	713 - 915	662 - 966	Satisfactory <i>132 passed out of 138 reported results.</i>
Strontium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		172	178 *	162 - 194	154 - 203	Satisfactory <i>46 passed out of 48 reported results.</i>
Thallium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4472-97		623	622 *	546 - 703	506 - 743	Satisfactory <i>118 passed out of 120 reported results.</i>
Vanadium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		756	777 *	712 - 837	681 - 869	Satisfactory <i>98 passed out of 101 reported results.</i>
Vanadium, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		756	777 *	712 - 837	681 - 869	Satisfactory <i>98 passed out of 101 reported results.</i>
Zinc, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4020-05		299	311 *	282 - 346	266 - 362	Satisfactory <i>130 passed out of 134 reported results.</i>
Zinc, Total ** EPA Code: N/A	ug/L	3011A	USGS I-4471-97		290	311 *	282 - 346	266 - 362	Satisfactory <i>130 passed out of 134 reported results.</i>
Sample: Non Potable Water Metals III									
Mercury, Total ** EPA Code: N/A	ug/L	3011B	USGS I-4464-01		22.0	21.7 *	16.0 - 26.6	13.3 - 29.3	Satisfactory <i>102 passed out of 104 reported results.</i>
Molybdenum, Total ** EPA Code: N/A	ug/L	3011B	USGS I-4471-97		517	534 *	480 - 583	454 - 609	Satisfactory <i>101 passed out of 103 reported results.</i>
Molybdenum, Total ** EPA Code: N/A	ug/L	3011B	USGS I-4472-97		500	534 *	480 - 583	454 - 609	Satisfactory <i>101 passed out of 103 reported results.</i>
Sample: Non Potable Water Minerals									
Chloride ** EPA Code: N/A	mg/L	3008	USGS I-2057-85		84.6	80.4 *	72.7 - 88.3	68.8 - 92.2	Satisfactory <i>109 passed out of 110 reported results.</i>

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Sample: Non Potable Water Minerals									
Sulfate (as SO4) ** EPA Code: N/A	mg/L	3008	USGS I-2057-85		21.8	21.0 *	17.8 - 23.6	16.4 - 25.1	Satisfactory <i>83 passed out of 83 reported results.</i>
Sample: Non Potable Water Minerals II									
Calcium, Total ** EPA Code: N/A	mg/L	3037	USGS I-4471-97		70.2	76.6 *	71.6 - 83.7	68.6 - 86.7	Check For Error <i>75 passed out of 77 reported results.</i>
Potassium, Total ** EPA Code: N/A	mg/L	3037	SM 18-21 3120B (99)		28.3	29.7 *	26.3 - 33.6	24.5 - 35.4	Satisfactory <i>73 passed out of 75 reported results.</i>
Magnesium, Total ** EPA Code: N/A	mg/L	3037	USGS I-4471-97		30.8	32.9 *	29.8 - 36.2	28.2 - 37.8	Satisfactory <i>79 passed out of 80 reported results.</i>
Sodium, Total ** EPA Code: N/A	mg/L	3037	USGS I-4471-97		78.4	85.2 *	76.5 - 93.4	72.3 - 97.6	Satisfactory <i>76 passed out of 77 reported results.</i>
Sample: Non Potable Water Nitrite									
Nitrite as N EPA Code: 1840	mg/L	3041	USGS I-2540-90		1.01	0.977		0.786 - 1.17	Satisfactory <i>105 passed out of 106 reported results.</i>
Sample: Non Potable Water Nitrosamines									
N-Nitrosodimethylamine EPA Code: N/A	ug/L	3014	USGS O-3116-87		47.4	41.8		10.0 - 116	Satisfactory <i>54 passed out of 57 reported results.</i>
N-Nitrosodi-n-propylamine EPA Code: N/A	ug/L	3014	USGS O-3116-87		39.4	41.0		12.2 - 69.8	Satisfactory <i>62 passed out of 62 reported results.</i>
Sample: Non Potable Water Acid extractables									
2,4,6-Trichlorophenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		69.4	86.0		34.8 - 137	Satisfactory <i>63 passed out of 65 reported results.</i>
2,4-Dichlorophenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		78.0	97.1		40.5 - 154	Satisfactory <i>65 passed out of 65 reported results.</i>

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Sample: Non Potable Water Acid extractables									
2,4-Dimethylphenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		87.7	96.2		27.3 - 165	Satisfactory <i>64 passed out of 65 reported results.</i>
2,4-Dinitrophenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		66.2	77.7		11.0 - 157	Satisfactory <i>64 passed out of 64 reported results.</i>
2-Chlorophenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		77.4	91.9		34.3 - 150	Satisfactory <i>65 passed out of 65 reported results.</i>
2-Nitrophenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		87.6	104		31.6 - 177	Satisfactory <i>64 passed out of 65 reported results.</i>
4-Chloro-3-methylphenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		43.9	58.9		26.8 - 91.1	Satisfactory <i>65 passed out of 65 reported results.</i>
Phenol EPA Code: N/A	ug/L	3035	USGS O-3116-87		49.6	42.1		14.0 - 187	Satisfactory <i>64 passed out of 65 reported results.</i>
Sample: Non Potable Water Base/Neutrals									
1,2,4-Trichlorobenzene EPA Code: N/A	ug/L	3036	USGS O-3116-87		41.3	92.9		29.7 - 156	Satisfactory <i>66 passed out of 66 reported results.</i>
2,4-Dinitrotoluene EPA Code: N/A	ug/L	3036	USGS O-3116-87		112	127		60.4 - 194	Satisfactory <i>62 passed out of 62 reported results.</i>
2,6-Dinitrotoluene EPA Code: N/A	ug/L	3036	USGS O-3116-87		85.9	105		52.6 - 158	Satisfactory <i>61 passed out of 62 reported results.</i>
2-Chloronaphthalene EPA Code: N/A	ug/L	3036	USGS O-3116-87		62.7	97.6		39.7 - 155	Satisfactory <i>64 passed out of 64 reported results.</i>
4-Chlorophenylphenyl ether EPA Code: N/A	ug/L	3036	USGS O-3116-87		102	142		65.9 - 218	Satisfactory <i>61 passed out of 62 reported results.</i>

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Sample: Non Potable Water Base/Neutrals									
4-Bromophenylphenyl ether EPA Code: N/A	ug/L	3036	USGS O-3116-87		< 0.36	< 20.0 *			Satisfactory <i>62 passed out of 62 reported results.</i>
Acenaphthene EPA Code: N/A	ug/L	3036	USGS O-3116-87		36.4	52.0		26.2 - 77.7	Satisfactory <i>64 passed out of 65 reported results.</i>
Anthracene EPA Code: N/A	ug/L	3036	USGS O-3116-87		93.6	115		58.3 - 172	Satisfactory <i>64 passed out of 65 reported results.</i>
Acenaphthylene EPA Code: N/A	ug/L	3036	USGS O-3116-87		37.2	55.3		26.8 - 83.7	Satisfactory <i>63 passed out of 65 reported results.</i>
Bis(2-chloroethyl)ether EPA Code: N/A	ug/L	3036	USGS O-3116-87		111	111		39.8 - 181	Satisfactory <i>60 passed out of 62 reported results.</i>
Bis(2-chloroethoxy)methane EPA Code: N/A	ug/L	3036	USGS O-3116-87		< 0.24	< 10.0 *			Satisfactory <i>62 passed out of 62 reported results.</i>
Bis(2-chloroisopropyl)ether EPA Code: N/A	ug/L	3036	USGS O-3116-87		78.4	79.9		27.0 - 133	Satisfactory <i>62 passed out of 62 reported results.</i>
Bis(2-ethylhexyl)phthalate EPA Code: N/A	ug/L	3036	USGS O-3116-87		66.5	93.9		33.3 - 154	Satisfactory <i>65 passed out of 65 reported results.</i>
Benzo(a)anthracene EPA Code: N/A	ug/L	3036	USGS O-3116-87		92.7	115		61.2 - 169	Satisfactory <i>64 passed out of 65 reported results.</i>
Benzo(a)pyrene EPA Code: N/A	ug/L	3036	USGS O-3116-87		73.6	88.3		33.6 - 143	Satisfactory <i>64 passed out of 65 reported results.</i>
Benzo(b)fluoranthene EPA Code: N/A	ug/L	3036	USGS O-3116-87		58.2	79.8		35.4 - 124	Satisfactory <i>64 passed out of 65 reported results.</i>
Benzo(g,h,i)perylene EPA Code: N/A	ug/L	3036	USGS O-3116-87		101	141		66.8 - 215	Satisfactory <i>63 passed out of 65 reported results.</i>

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Benzo(k)fluoranthene EPA Code: N/A	ug/L	3036	USGS O-3116-87		94.8	134		40.8 - 226	Satisfactory <i>65 passed out of 65 reported results.</i>
Benzyl butyl phthalate EPA Code: N/A	ug/L	3036	USGS O-3116-87		51.0	63.7		12.1 - 115	Satisfactory <i>65 passed out of 65 reported results.</i>
Chrysene EPA Code: N/A	ug/L	3036	USGS O-3116-87		25.6	34.9		16.3 - 53.4	Satisfactory <i>64 passed out of 65 reported results.</i>
Dibenzo(a,h)anthracene EPA Code: N/A	ug/L	3036	USGS O-3116-87		19.3	26.0		7.82 - 44.2	Satisfactory <i>63 passed out of 64 reported results.</i>
Di-n-butyl phthalate EPA Code: N/A	ug/L	3036	USGS O-3116-87		88.6	109		44.0 - 175	Satisfactory <i>64 passed out of 65 reported results.</i>
Diethyl phthalate EPA Code: N/A	ug/L	3036	USGS O-3116-87		77.0	101		24.3 - 177	Satisfactory <i>65 passed out of 65 reported results.</i>
Dimethyl phthalate EPA Code: N/A	ug/L	3036	USGS O-3116-87		91.4	89.2		12.0 - 179	Satisfactory <i>63 passed out of 65 reported results.</i>
Di-n-octyl phthalate EPA Code: N/A	ug/L	3036	USGS O-3116-87		34.9	57.9		17.4 - 98.3	Satisfactory <i>65 passed out of 65 reported results.</i>
Fluoranthene EPA Code: N/A	ug/L	3036	USGS O-3116-87		61.3	76.0		40.8 - 111	Satisfactory <i>64 passed out of 65 reported results.</i>
Hexachlorobenzene EPA Code: N/A	ug/L	3036	USGS O-3116-87		60.3	75.4		39.3 - 112	Satisfactory <i>67 passed out of 68 reported results.</i>
Indeno(1,2,3-c,d)pyrene EPA Code: N/A	ug/L	3036	USGS O-3116-87		31.9	43.7		13.3 - 74.0	Satisfactory <i>64 passed out of 65 reported results.</i>
Isophorone EPA Code: N/A	ug/L	3036	USGS O-3116-87		39.3	52.6		24.8 - 80.5	Satisfactory <i>58 passed out of 60 reported results.</i>

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ENVIRONMENTAL LABORATORY APPROVAL PROGRAM**

Proficiency Test Report

Lab Id: 11642 USGS NATIONAL WATER QUALITY LABORATORY
 PO BOX 25585
 EPA Lab Code: DENVER, CO 80225-0585
 CO00009 (303) 236-2000
 Director: MR. DAVID REPERT

Shipment Date : 19-Jan-2010
 Closing Date : 04-Mar-2010
 Score Date : 25-Mar-2010

ELAP is an A2LA accredited Proficiency Testing Provider. Certificate Number 1785.01

Shipment: 330 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Test Method	Prep Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Base/Neutrals									
Naphthalene EPA Code: N/A	ug/L	3036	USGS O-3116-87		51.4	72.3		26.5 - 118	Satisfactory <i>61 passed out of 63 reported results.</i>
Nitrobenzene EPA Code: N/A	ug/L	3036	USGS O-3116-87		63.4	68.7		28.1 - 109	Satisfactory <i>62 passed out of 62 reported results.</i>
Phenanthrene EPA Code: N/A	ug/L	3036	USGS O-3116-87		41.9	54.3		30.2 - 78.3	Satisfactory <i>64 passed out of 65 reported results.</i>
Pyrene EPA Code: N/A	ug/L	3036	USGS O-3116-87		46.6	59.9		23.0 - 96.8	Satisfactory <i>64 passed out of 65 reported results.</i>
Sample: Non Potable Water Organic Nutrients									
Kjeldahl Nitrogen, Total ** EPA Code: 0034	mg/L	3004	USGS I-4515-91		15.7	15.5 *	11.9 - 18.4	10.3 - 20.0	Satisfactory <i>85 passed out of 87 reported results.</i>
Phosphorus, Total ** EPA Code: 0035	mg/L	3004	USGS I-4610-91		4.66	4.50 *	3.97 - 5.09	3.69 - 5.37	Satisfactory <i>96 passed out of 100 reported results.</i>
Sample: Non Potable Water Chlorinated Hydrocarbon Pesticides									
4,4-DDE ** EPA Code: N/A	ug/L	3017	USGS O-1126-95		3.65	5.53 *	3.24 - 6.40	2.44 - 7.20	Satisfactory <i>58 passed out of 61 reported results.</i>
alpha-BHC EPA Code: N/A	ug/L	3017	USGS O-1126-95		11.6	11.6		5.88 - 17.4	Satisfactory <i>57 passed out of 61 reported results.</i>
Sample: Non Potable Water Purgeables									
1,1,1-Trichloroethane ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		19.8	18.5 *	14.0 - 22.9	11.7 - 25.1	Satisfactory <i>72 passed out of 74 reported results.</i>
1,1,2,2-Tetrachloroethane EPA Code: N/A	ug/L	3013	USGS O-4127-96		29.6	28.3		14.5 - 42.2	Satisfactory <i>71 passed out of 72 reported results.</i>

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Sample: Non Potable Water Purgeables									
1,1,2-Trichloroethane EPA Code: N/A	ug/L	3013	USGS O-4127-96		61.3	52.0		36.1 - 67.9	Satisfactory 70 passed out of 72 reported results.
1,1-Dichloroethane EPA Code: N/A	ug/L	3013	USGS O-4127-96		129	119		79.5 - 158	Satisfactory 72 passed out of 73 reported results.
1,1-Dichloroethene EPA Code: N/A	ug/L	3013	USGS O-4127-96		104	97.9		51.3 - 145	Satisfactory 72 passed out of 74 reported results.
1,2-Dichloroethane ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		38.8	35.5 *	28.4 - 43.5	24.6 - 47.3	Satisfactory 71 passed out of 72 reported results.
1,2-Dichlorobenzene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		74.7	70.7 *	56.2 - 84.6	49.1 - 91.7	Satisfactory 80 passed out of 83 reported results.
1,2-Dichloropropane EPA Code: N/A	ug/L	3013	USGS O-4127-96		104	90.1		60.1 - 120	Satisfactory 71 passed out of 72 reported results.
1,3-Dichlorobenzene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		13.9	15.2 *	11.3 - 18.2	9.53 - 19.9	Satisfactory 81 passed out of 84 reported results.
1,4-Dichlorobenzene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		73.7	72.6 *	56.2 - 83.9	49.2 - 90.9	Satisfactory 83 passed out of 86 reported results.
Benzene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		34.3	32.9 *	26.4 - 39.2	23.2 - 42.5	Satisfactory 84 passed out of 88 reported results.
Bromodichloromethane ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		39.9	34.7 *	28.0 - 43.0	24.3 - 46.8	Satisfactory 71 passed out of 72 reported results.
Bromoform ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		77.1	71.5 *	55.0 - 89.9	46.3 - 98.7	Satisfactory 70 passed out of 72 reported results.
cis-1,3-Dichloropropene EPA Code: N/A	ug/L	3013	USGS O-4127-96		69.4	68.0		47.0 - 87.2	Satisfactory 71 passed out of 73 reported results.

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Sample: Non Potable Water Purgeables									
Carbon tetrachloride ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		118	113 *	76.6 - 138	61.2 - 154	Satisfactory <i>70 passed out of 72 reported results.</i>
Trichlorofluoromethane EPA Code: N/A	ug/L	3013	USGS O-4127-96		31.1	30.1		12.2 - 48.6	Satisfactory <i>68 passed out of 70 reported results.</i>
Chlorobenzene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		82.8	73.4 *	59.4 - 85.4	52.9 - 91.9	Satisfactory <i>82 passed out of 86 reported results.</i>
Dibromochloromethane ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		97.5	91.7 *	72.7 - 112	62.9 - 122	Satisfactory <i>68 passed out of 70 reported results.</i>
Chloroethane EPA Code: N/A	ug/L	3013	USGS O-4127-96		27.1	27.1		10.4 - 41.6	Satisfactory <i>68 passed out of 72 reported results.</i>
Chloroform ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		73.7	66.8 *	52.8 - 79.2	46.2 - 85.8	Satisfactory <i>72 passed out of 73 reported results.</i>
Ethyl benzene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		13.2	11.2 *	8.63 - 13.8	7.34 - 15.1	Satisfactory <i>81 passed out of 88 reported results.</i>
Methylene chloride ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		66.7	58.0 *	43.1 - 73.4	35.5 - 80.9	Satisfactory <i>71 passed out of 75 reported results.</i>
trans-1,3-Dichloropropene EPA Code: N/A	ug/L	3013	USGS O-4127-96		40.4	36.8		23.5 - 50.1	Satisfactory <i>70 passed out of 73 reported results.</i>
Tetrachloroethene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		23.7	21.6 *	14.0 - 25.7	11.1 - 28.6	Satisfactory <i>75 passed out of 76 reported results.</i>
Toluene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		99.4	89.3 *	70.2 - 103	61.9 - 111	Satisfactory <i>82 passed out of 87 reported results.</i>
Trichloroethene ** EPA Code: N/A	ug/L	3013	USGS O-4127-96		77.3	73.2 *	54.7 - 87.2	46.5 - 95.3	Satisfactory <i>75 passed out of 77 reported results.</i>

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Sample: Non Potable Water Purgeables									
Total Xylenes EPA Code: N/A	ug/L	3013	USGS O-4127-96		74.3	62.1		36.2 - 88.1	Satisfactory <i>85 passed out of 87 reported results.</i>
Vinyl chloride EPA Code: N/A	ug/L	3013	USGS O-4127-96		< 1.5	< 20.0 *			Satisfactory <i>74 passed out of 75 reported results.</i>
Sample: Non Potable Water Residue									
Solids, Total EPA Code: N/A	mg/L	3002	USGS I-3750-85		431	424		382 - 467	Satisfactory <i>71 passed out of 83 reported results.</i>
Sample: Non Potable Water Total Dissolved Solids									
Solids, Total Dissolved ** EPA Code: N/A	mg/L	3040	USGS I-1750-85		188	187	153 - 221	135 - 239	Satisfactory <i>78 passed out of 82 reported results.</i>