

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

Proficiency Test Report

Lab Id: 11642 USGS NATIONAL WATER QUALITY LABORATORY
 POB 25046-MS 407-BLDG 95
 EPA Lab Code: DENVER, CO-80225-0046
 C000009 UNITED STATES
 (303) 236-2000
 Director: MR. MERLE SHOCKEY

Shipment Date : 18-Jul-2005
 Closing Date : 01-Sep-2005
 Score Date : 21-Sep-2005

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 NVLAP Lab Code 200387-0.

Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Demand								
Chemical Oxygen Demand ** EPA Code: 0036	mg/L	8501	USGS I-3561-85	18.1	18.9 *	11.8 - 25.1	8.44 - 28.5 <i>83 passed out of 92 reported results.</i>	Satisfactory
Organic Carbon, Total ** EPA Code: N/A	mg/L	8501	USGS O-3100-83	7.97	7.46 *	6.57 - 8.53	6.08 - 9.02 <i>53 passed out of 55 reported results.</i>	Satisfactory
Sample: Non Potable Water Chlorophenoxy Acid Pesticides (Herbicides)								
2,4-D EPA Code: N/A	ug/L	8518	USGS O-2060-01	2.48	2.07		D.L. - 4.47 <i>46 passed out of 47 reported results.</i>	Satisfactory
Dicamba EPA Code: N/A	ug/L	8518	USGS O-2060-01	7.85	5.99		0.688 - 11.3 <i>31 passed out of 33 reported results.</i>	Satisfactory
Sample: Non Potable Water Inorganic Nutrients								
Ammonia (as N) ** EPA Code: N/A	mg/L	8507	USGS I-2522-90	1.17	1.17 *	0.906 - 1.56	0.741 - 1.73 <i>126 passed out of 135 reported results.</i>	Satisfactory
Nitrate (as N) ** EPA Code: N/A	mg/L	8507	USGS I-2545-90	28.2	27.8 *	23.6 - 31.5	21.7 - 33.5 <i>110 passed out of 115 reported results.</i>	Satisfactory
Orthophosphate (as P) ** EPA Code: N/A	mg/L	8507	USGS I-2601-90	3.515	3.30 *	2.91 - 3.72	2.70 - 3.93 <i>95 passed out of 103 reported results.</i>	Satisfactory
Sample: Non Potable Water Mercury								
Mercury, Total ** EPA Code: N/A	ug/L	8511	USGS I-4464-01	15.1	13.7 *	10.1 - 16.9	8.43 - 18.5 <i>104 passed out of 116 reported results.</i>	Satisfactory
Sample: Non Potable Water Metals I and II								
Silver, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	227	221 *	200 - 243	189 - 253 <i>141 passed out of 154 reported results.</i>	Satisfactory
Silver, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	243	221 *	200 - 243	189 - 253 <i>141 passed out of 154 reported results.</i>	Satisfactory

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Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II								
Aluminum, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	2020	2000 *	1760 - 2220	1640 - 2330	Satisfactory <i>110 passed out of 119 reported results.</i>
Aluminum, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	1870	2000 *	1760 - 2220	1640 - 2330	Satisfactory <i>110 passed out of 119 reported results.</i>
Arsenic, Total ** EPA Code: N/A	ug/L	8511	USGS I-4063-98	720	750 *	672 - 836	631 - 877	Satisfactory <i>141 passed out of 147 reported results.</i>
Barium, Total EPA Code: N/A	ug/L	8511	USGS I-4472-97	180	178		155 - 202	Satisfactory <i>115 passed out of 127 reported results.</i>
Barium, Total EPA Code: N/A	ug/L	8511	USGS I-4471-97	174	178		155 - 202	Satisfactory <i>115 passed out of 127 reported results.</i>
Beryllium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	412	411 *	368 - 445	349 - 464	Satisfactory <i>118 passed out of 118 reported results.</i>
Beryllium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	396	411 *	368 - 445	349 - 464	Satisfactory <i>118 passed out of 118 reported results.</i>
Cadmium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	235	249 *	224 - 272	212 - 284	Satisfactory <i>158 passed out of 163 reported results.</i>
Cadmium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	257	249 *	224 - 272	212 - 284	Satisfactory <i>158 passed out of 163 reported results.</i>
Cobalt, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	418	400 *	367 - 432	351 - 449	Satisfactory <i>95 passed out of 97 reported results.</i>
Cobalt, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	402	400 *	367 - 432	351 - 449	Satisfactory <i>95 passed out of 97 reported results.</i>
Chromium, Total ** EPA Code: N/A	ug/L	8511	USGS I-3233-93	930	790 *	723 - 859	689 - 893	Unsatisfactory <== <i>151 passed out of 157 reported results.</i>

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Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II								
Copper, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	731	741 *	697 - 790	674 - 813	Satisfactory <i>152 passed out of 167 reported results.</i>
Copper, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	762	741 *	697 - 790	674 - 813	Satisfactory <i>152 passed out of 167 reported results.</i>
Iron, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	2990	3250 *	3010 - 3530	2880 - 3660	Check For Error <i>108 passed out of 110 reported results.</i>
Manganese, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	3450	3400 *	3180 - 3660	3060 - 3780	Satisfactory <i>127 passed out of 131 reported results.</i>
Manganese, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	3270	3400 *	3180 - 3660	3060 - 3780	Satisfactory <i>127 passed out of 131 reported results.</i>
Nickel, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	2130	2070 *	1950 - 2240	1880 - 2310	Satisfactory <i>152 passed out of 159 reported results.</i>
Nickel, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	2130	2070 *	1950 - 2240	1880 - 2310	Satisfactory <i>152 passed out of 159 reported results.</i>
Lead, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	1280	1240 *	1140 - 1340	1090 - 1380	Satisfactory <i>187 passed out of 197 reported results.</i>
Antimony, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	372	341 *	264 - 383	234 - 413	Satisfactory <i>130 passed out of 136 reported results.</i>
Selenium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4668-98	1610	1450 *	1240 - 1590	1150 - 1680	Check For Error <i>142 passed out of 145 reported results.</i>
Selenium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	1490	1450 *	1240 - 1590	1150 - 1680	Satisfactory <i>142 passed out of 145 reported results.</i>
Thallium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	80.9	78.1 *	49.8 - 99.7	37.3 - 112	Satisfactory <i>116 passed out of 119 reported results.</i>

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Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Metals I and II								
Vanadium, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	1290	1220 *	1120 - 1310	1070 - 1360	Satisfactory <i>101 passed out of 104 reported results.</i>
Zinc, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	1060	1040 *	944 - 1140	894 - 1190	Satisfactory <i>146 passed out of 151 reported results.</i>
Zinc, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	970	1040 *	944 - 1140	894 - 1190	Satisfactory <i>146 passed out of 151 reported results.</i>
Sample: Non Potable Water Metals III								
Molybdenum, Total ** EPA Code: N/A	ug/L	8511	USGS I-4472-97	264	276 *	246 - 303	231 - 318	Satisfactory <i>94 passed out of 102 reported results.</i>
Molybdenum, Total ** EPA Code: N/A	ug/L	8511	USGS I-4471-97	228	276 *	246 - 303	231 - 318	Unsatisfactory <= <i>94 passed out of 102 reported results.</i>
Sample: Non Potable Water Minerals								
Chloride ** EPA Code: N/A	mg/L	8508	USGS I-2057-85	63.35	62.5 *	56.4 - 69.0	53.3 - 72.1	Satisfactory <i>120 passed out of 124 reported results.</i>
Sulfate (as SO4) ** EPA Code: N/A	mg/L	8508	USGS I-2057-85	109.37	110 *	97.2 - 120	91.5 - 125	Satisfactory <i>98 passed out of 106 reported results.</i>
Sample: Non Potable Water Minerals II								
Calcium, Total ** EPA Code: N/A	mg/L	8537	USGS I-4471-97	49.7	48.5 *	45.2 - 53.1	43.3 - 55.0	Satisfactory <i>83 passed out of 88 reported results.</i>
Potassium, Total ** EPA Code: N/A	mg/L	8537	SM 18-20 3120B	13.6	14.0 *	12.3 - 15.9	11.4 - 16.8	Satisfactory <i>76 passed out of 83 reported results.</i>
Magnesium, Total ** EPA Code: N/A	mg/L	8537	USGS I-4471-97	36.7	37.8 *	34.3 - 41.6	32.4 - 43.4	Satisfactory <i>88 passed out of 93 reported results.</i>

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Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Minerals II								
Sodium, Total ** EPA Code: N/A	mg/L	8537	USGS I-4471-97	24.8	23.7 *	21.3 - 26.2	20.1 - 27.5	Satisfactory <i>79 passed out of 86 reported results.</i>
Sample: Non Potable Water Nitrosamines								
N-Nitrosodimethylamine EPA Code: N/A	ug/L	8514	USGS O-3116-87	115	84.8		D.L. - 185	Satisfactory <i>62 passed out of 63 reported results.</i>
N-Nitrosodi-n-propylamine EPA Code: N/A	ug/L	8514	USGS O-3116-87	56.7	54.0		18.2 - 89.7	Satisfactory <i>67 passed out of 69 reported results.</i>
Sample: Non Potable Water Acid extractables								
2,4,6-Trichlorophenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	75.0	79.9		32.3 - 127	Satisfactory <i>73 passed out of 74 reported results.</i>
2,4-Dichlorophenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	51.2	54.7		21.4 - 88.1	Satisfactory <i>75 passed out of 76 reported results.</i>
2,4-Dimethylphenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	< 2	< 65.0 *			Satisfactory <i>76 passed out of 76 reported results.</i>
2,4-Dinitrophenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	< 3.3	< 100 *			Satisfactory <i>74 passed out of 74 reported results.</i>
2-Chlorophenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	65.8	63.9		24.4 - 103	Satisfactory <i>75 passed out of 75 reported results.</i>
2-Nitrophenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	55.3	58.8		20.9 - 96.6	Satisfactory <i>74 passed out of 75 reported results.</i>
4-Chloro-3-methylphenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	53.3	65.6		30.0 - 101	Satisfactory <i>73 passed out of 75 reported results.</i>
Phenol EPA Code: N/A	ug/L	8535	USGS O-3116-87	82.5	81.9		D.L. - 196	Satisfactory <i>74 passed out of 76 reported results.</i>

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Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Base/Neutrals								
1,2,4-Trichlorobenzene EPA Code: N/A	ug/L	8536	USGS O-3116-87	29.9	39.0		10.6 - 67.3	Satisfactory <i>74 passed out of 75 reported results.</i>
2,4-Dinitrotoluene EPA Code: N/A	ug/L	8536	USGS O-3116-87	43.4	48.5		21.0 - 76.1	Satisfactory <i>69 passed out of 71 reported results.</i>
2,6-Dinitrotoluene EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 2.3	< 20.0 *			Satisfactory <i>68 passed out of 71 reported results.</i>
2-Chloronaphthalene EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.0	< 20.0 *			Satisfactory <i>71 passed out of 71 reported results.</i>
4-Chlorophenylphenyl ether EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.2	< 25.0 *			Satisfactory <i>71 passed out of 71 reported results.</i>
4-Bromophenylphenyl ether EPA Code: N/A	ug/L	8536	USGS O-3116-87	26.4	28.6		12.0 - 45.2	Satisfactory <i>69 passed out of 70 reported results.</i>
Acenaphthene EPA Code: N/A	ug/L	8536	USGS O-3116-87	29.9	32.5		16.7 - 48.3	Satisfactory <i>74 passed out of 77 reported results.</i>
Anthracene EPA Code: N/A	ug/L	8536	USGS O-3116-87	113	121		61.2 - 181	Satisfactory <i>78 passed out of 79 reported results.</i>
Acenaphthylene EPA Code: N/A	ug/L	8536	USGS O-3116-87	62.5	72.0		35.4 - 109	Satisfactory <i>76 passed out of 78 reported results.</i>
Bis(2-chloroethyl)ether EPA Code: N/A	ug/L	8536	USGS O-3116-87	138	118		42.3 - 193	Satisfactory <i>64 passed out of 72 reported results.</i>
Bis(2-chloroethoxy)methane EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.0	< 10.0 *			Satisfactory <i>71 passed out of 71 reported results.</i>
Bis(2-chloroisopropyl)ether EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.0	< 30.0 *			Satisfactory <i>70 passed out of 71 reported results.</i>

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Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Base/Neutrals								
Bis(2-ethylhexyl)phthalate EPA Code: N/A	ug/L	8536	USGS O-3116-87	50.1	96.3		34.2 - 158	Satisfactory <i>73 passed out of 75 reported results.</i>
Benzo(a)anthracene EPA Code: N/A	ug/L	8536	USGS O-3116-87	57.4	65.2		34.3 - 96.1	Satisfactory <i>78 passed out of 79 reported results.</i>
Benzo(a)pyrene EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.3	< 20.0 *			Satisfactory <i>79 passed out of 80 reported results.</i>
Benzo(b)fluoranthene EPA Code: N/A	ug/L	8536	USGS O-3116-87	36.3	40.8		16.9 - 64.6	Satisfactory <i>79 passed out of 80 reported results.</i>
Benzo(g,h,i)perylene EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.6	< 20.0 *			Satisfactory <i>77 passed out of 79 reported results.</i>
Benzo(k)fluoranthene EPA Code: N/A	ug/L	8536	USGS O-3116-87	58.5	73.0		21.4 - 125	Satisfactory <i>80 passed out of 80 reported results.</i>
Benzyl butyl phthalate EPA Code: N/A	ug/L	8536	USGS O-3116-87	73.0	69.6		14.0 - 125	Satisfactory <i>67 passed out of 74 reported results.</i>
Chrysene EPA Code: N/A	ug/L	8536	USGS O-3116-87	85.8	86.0		40.1 - 132	Satisfactory <i>78 passed out of 79 reported results.</i>
Dibenzo(a,h)anthracene EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 2.2	< 20.0 *			Satisfactory <i>77 passed out of 78 reported results.</i>
Di-n-butyl phthalate EPA Code: N/A	ug/L	8536	USGS O-3116-87	134	133		53.6 - 213	Satisfactory <i>71 passed out of 74 reported results.</i>
Diethyl phthalate EPA Code: N/A	ug/L	8536	USGS O-3116-87	110	104		25.1 - 182	Satisfactory <i>69 passed out of 74 reported results.</i>
Dimethyl phthalate EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.0	< 100 *			Satisfactory <i>73 passed out of 74 reported results.</i>

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Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Base/Neutrals								
DI-n-octyl phthalate EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 2.3	< 40.0 *			Satisfactory <i>74 passed out of 74 reported results.</i>
Fluoranthene EPA Code: N/A	ug/L	8536	USGS O-3116-87	63.3	62.8		33.7 - 92.0	Satisfactory <i>80 passed out of 80 reported results.</i>
Hexachlorobenzene EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.0	< 20.0 *			Satisfactory <i>74 passed out of 76 reported results.</i>
Indeno(1,2,3-c,d)pyrene EPA Code: N/A	ug/L	8536	USGS O-3116-87	26.2	39.4		11.3 - 67.4	Satisfactory <i>76 passed out of 79 reported results.</i>
Isophorone EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 2.2	< 30.0 *			Satisfactory <i>69 passed out of 70 reported results.</i>
Naphthalene EPA Code: N/A	ug/L	8536	USGS O-3116-87	68.1	72.0		26.4 - 118	Satisfactory <i>76 passed out of 78 reported results.</i>
Nitrobenzene EPA Code: N/A	ug/L	8536	USGS O-3116-87	< 1.4	< 20.0 *			Satisfactory <i>70 passed out of 70 reported results.</i>
Phenanthrene EPA Code: N/A	ug/L	8536	USGS O-3116-87	54.0	56.7		31.6 - 81.8	Satisfactory <i>79 passed out of 80 reported results.</i>
Pyrene EPA Code: N/A	ug/L	8536	USGS O-3116-87	56.8	59.8		23.0 - 96.7	Satisfactory <i>80 passed out of 80 reported results.</i>
Sample: Non Potable Water Total Cyanide								
Cyanide, Total ** EPA Code: N/A	mg/L	8511	Technology: COLOR	Not Reported				Not Evaluated No data was reported for this Sample/Analyte/Technology by this Lab.
Sample: Non Potable Water Oil and Grease								
Oil & Grease Total Recoverable ** EPA Code: 0104	mg/L	8510	EPA 1664A	31.3	31.7 *	21.8 - 37.0	18.0 - 40.8	Satisfactory <i>88 passed out of 95 reported results.</i>

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 NVLAP Lab Code 200387-0.

Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Organic Nutrients								
Kjeldahl Nitrogen, Total ** EPA Code: 0034	mg/L	8504	USGS I-4515-91	8.38	8.37 *	6.48 - 10.0	5.59 - 10.9 <i>90 passed out of 97 reported results.</i>	Satisfactory
Phosphorus, Total ** EPA Code: 0035	mg/L	8504	USGS I-4610-91	1.445	1.42 *	1.22 - 1.67	1.11 - 1.78 <i>113 passed out of 121 reported results.</i>	Satisfactory
Sample: Non Potable Water Organophosphate Pesticides								
Azinphos methyl EPA Code: N/A	ug/L	8512	USGS O-1126-95	3.21	3.64		1.04 - 6.24 <i>7 passed out of 7 reported results.</i>	Satisfactory
Diazinon EPA Code: N/A	ug/L	8512	USGS O-1126-95	5.55	5.55		3.40 - 7.70 <i>6 passed out of 6 reported results.</i>	Satisfactory
Disulfoton EPA Code: N/A	ug/L	8512	USGS O-1126-95	5.94	6.73		4.38 - 9.08 <i>7 passed out of 7 reported results.</i>	Satisfactory
Malathion EPA Code: N/A	ug/L	8512	USGS O-1126-95	12.6	11.5		8.44 - 14.6 <i>6 passed out of 7 reported results.</i>	Satisfactory
Parathion ethyl EPA Code: N/A	ug/L	8512	USGS O-1126-95	1.66	2.00		1.21 - 2.79 <i>7 passed out of 8 reported results.</i>	Satisfactory
Parathion methyl EPA Code: N/A	ug/L	8512	USGS O-1126-95	6.85	7.62		4.35 - 10.9 <i>7 passed out of 8 reported results.</i>	Satisfactory
Sample: Non Potable Water Chlorinated Hydrocarbon Pesticides								
4,4-DDE ** EPA Code: N/A	ug/L	8517	USGS O-1126-95	2.13	2.89 *	1.68 - 3.42	1.25 - 3.86 <i>65 passed out of 69 reported results.</i>	Satisfactory
alpha-BHC EPA Code: N/A	ug/L	8517	USGS O-1126-95	3.09	2.60		1.04 - 4.15 <i>69 passed out of 70 reported results.</i>	Satisfactory

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

Proficiency Test Report

Lab Id: 11642 USGS NATIONAL WATER QUALITY LABORATORY
 POB 25046-MS 407-BLDG 95
 EPA Lab Code: DENVER, CO-80225-0046
 CO00009 UNITED STATES
 (303) 236-2000
 Director: MR. MERLE SHOCKEY

Shipment Date : 18-Jul-2005
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Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/ Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Phenols								
Phenols **	mg/L	8509	SM 18 5530 (USGS Only)	1.91	1.79	1.26 - 2.33	0.992 - 2.60	Satisfactory
EPA Code: N/A								<i>66 passed out of 70 reported results.</i>
Sample: Non Potable Water Purgeables								
1,1,1-Trichloroethane **	ug/L	8513	USGS O-4127-96	38.3	31.3 *	23.3 - 38.1	19.7 - 41.7	Check For Error
EPA Code: N/A								<i>99 passed out of 105 reported results.</i>
1,1,2,2-Tetrachloroethane	ug/L	8513	USGS O-4127-96	19.2	16.2		7.13 - 25.2	Satisfactory
EPA Code: N/A								<i>99 passed out of 101 reported results.</i>
1,1,2-Trichloroethane	ug/L	8513	USGS O-4127-96	< 0.4	< 25.0 *			Satisfactory
EPA Code: N/A								<i>101 passed out of 103 reported results.</i>
1,1-Dichloroethane	ug/L	8513	USGS O-4127-96	< 0.35	< 15.0 *			Satisfactory
EPA Code: N/A								<i>96 passed out of 99 reported results.</i>
1,1-Dichloroethene	ug/L	8513	USGS O-4127-96	59.2	50.3		26.5 - 74.2	Satisfactory
EPA Code: N/A								<i>98 passed out of 103 reported results.</i>
1,2-Dichloroethane **	ug/L	8513	USGS O-4127-96	70.5	57.2 *	45.6 - 69.4	39.7 - 75.3	Check For Error
EPA Code: N/A								<i>95 passed out of 100 reported results.</i>
1,2-Dichlorobenzene **	ug/L	8513	USGS O-4127-96	65.1	53.6 *	42.5 - 64.3	37.1 - 69.7	Check For Error
EPA Code: N/A								<i>112 passed out of 115 reported results.</i>
1,2-Dichloropropane	ug/L	8513	USGS O-4127-96	< 0.29	< 10.0 *			Satisfactory
EPA Code: N/A								<i>100 passed out of 102 reported results.</i>
1,3-Dichlorobenzene **	ug/L	8513	USGS O-4127-96	20.3	18.1 *	13.6 - 21.6	11.5 - 23.6	Satisfactory
EPA Code: N/A								<i>110 passed out of 113 reported results.</i>
1,4-Dichlorobenzene **	ug/L	8513	USGS O-4127-96	27.6	23.9 *	18.3 - 28.5	15.8 - 31.1	Satisfactory
EPA Code: N/A								<i>114 passed out of 116 reported results.</i>

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Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Purgeables								
Benzene ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	51.9	43.6 *	35.3 - 51.7	31.2 - 55.8	Check For Error <i>111 passed out of 114 reported results.</i>
Bromodichloromethane ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	36.3	26.9 *	21.6 - 33.3	18.7 - 36.2	Unsatisfactory <= <i>98 passed out of 102 reported results.</i>
Bromoform ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	81.3	73.6 *	56.6 - 92.6	47.7 - 102	Satisfactory <i>99 passed out of 102 reported results.</i>
cis-1,3-Dichloropropene EPA Code: N/A	ug/L	8513	USGS O-4127-96	< 0.5	< 15.0 *			Satisfactory <i>98 passed out of 99 reported results.</i>
Carbon tetrachloride ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	69.4	57.0 *	39.0 - 70.0	31.2 - 77.8	Satisfactory <i>98 passed out of 100 reported results.</i>
Trichlorofluoromethane EPA Code: N/A	ug/L	8513	USGS O-4127-96	< 0.8	< 20.0 *			Satisfactory <i>97 passed out of 99 reported results.</i>
Chlorobenzene ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	72.3	63.6 *	51.5 - 74.0	45.9 - 79.7	Satisfactory <i>108 passed out of 110 reported results.</i>
Dibromochloromethane ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	67.3	56.8 *	44.9 - 69.3	38.8 - 75.4	Satisfactory <i>96 passed out of 99 reported results.</i>
Chloroethane EPA Code: N/A	ug/L	8513	USGS O-4127-96	< 1.2	< 20.0 *			Satisfactory <i>96 passed out of 99 reported results.</i>
Chloroform ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	19.7	15.6 *	12.4 - 19.5	10.7 - 21.3	Check For Error <i>99 passed out of 103 reported results.</i>
Ethyl benzene ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	76.9	66.7 *	52.4 - 78.2	46.0 - 84.6	Satisfactory <i>107 passed out of 113 reported results.</i>
Methylene chloride ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	59.0	49.1 *	36.5 - 62.3	30.0 - 68.8	Satisfactory <i>95 passed out of 102 reported results.</i>

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Shipment: 285 Non Potable Water Chemistry

Analyte Name	Units	Sample ID	Method	Result	Mean/ Target *	Warning Limits	Acceptance Limits	Score
Sample: Non Potable Water Purgeables								
trans-1,3-Dichloropropene EPA Code: N/A	ug/L	8513	USGS O-4127-96	< 0.9	< 8.00 *			Satisfactory <i>93 passed out of 99 reported results.</i>
Tetrachloroethene ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	14.0	12.1 *	7.32 - 14.5	5.54 - 16.2	Satisfactory <i>102 passed out of 105 reported results.</i>
Toluene ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	42.2	36.2 *	28.6 - 42.3	25.2 - 45.7	Satisfactory <i>112 passed out of 115 reported results.</i>
Trichloroethene ** EPA Code: N/A	ug/L	8513	USGS O-4127-96	64.0	54.3 *	40.6 - 65.0	34.5 - 71.0	Satisfactory <i>103 passed out of 106 reported results.</i>
Total Xylenes EPA Code: N/A	ug/L	8513	USGS O-4127-96	265.5	196		118 - 274	Satisfactory <i>110 passed out of 112 reported results.</i>
Vinyl chloride EPA Code: N/A	ug/L	8513	USGS O-4127-96	< 0.8	< 20.0 *			Satisfactory <i>95 passed out of 99 reported results.</i>
Sample: Non Potable Water Residue								
Solids, Total EPA Code: N/A	mg/L	8502	USGS I-3750-85	276	285		247 - 323	Satisfactory <i>96 passed out of 103 reported results.</i>
Sample: Non Potable Water Total Dissolved Solids								
Solids, Total Dissolved ** EPA Code: N/A	mg/L	8540	USGS I-1750-85	81.6	77.7 *	59.2 - 98.2	49.4 - 108	Satisfactory <i>96 passed out of 104 reported results.</i>