

## *Quality Control Tables*

This appendix presents the tables for Chapter 9, Quality Assurance. The tables show performance evaluation (PE) results for the ASL as well as three BNL contractor laboratories (H2M, GEL, and STL) that participated in national and/or state PE testing programs during 2000. Section 9.7 of the SER describes the data shown in the 8 tables. The detailed data contained in the tables were also used to determine the overall PE score of each participating laboratory, for both radiological and nonradiological programs. The combined overall PE test scores (i.e., acceptable, warning, and unacceptable) are summarized as bar graphs in Figures 9-2 and 9-3 of the text for each laboratory by PE testing program.

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**Table F-1. Groundwater Duplicate Data\* (CY 2000).**

Parameter	Number of Duplicates	Acceptable <sup>(a)</sup>	Percent Acceptable
Gross Alpha	7	7	100
Gross Beta	17	15	90
Tritium	26	25	96
Strontium-90	14	14	100
Gamma Spectroscopy	10	10	100
Alpha Spectroscopy	4	3	75
Volatile Organic Compounds	111	111	100
Ethylene Dibromide	127	127	100
Semivolatile Organic Compo	6	6	100
Pesticides	3	3	100
Metals	17	17	100
Classical Chemistry	17	17	100

Notes:

<sup>(a)</sup>Acceptability requirements are based on USEPA Region II duplicate guidelines.

\* Field duplicates were only ingested into the database beginning in April 2000, therefore these totals do not include the samples collected during the first quarter of 2000.

**Table F-2. Quality Assessment Program #52, #53: 2000 Radiological Results Environmental Measurements Laboratory (CY 2000).**

Matrix	Units	Isotope	Date	BNL Results <sup>(a)</sup>	GEL Results
Air Filter	Bq/Filter	Alpha	Mar-00	Warning	Acceptable
			Sep-00	Acceptable	Acceptable
		Beta	Mar-00	Not acceptable	Acceptable
			Sep-00	Warning	Acceptable
		Co-57	Mar-00	Acceptable	Acceptable
			Sep-00	Acceptable	Acceptable
		Co-60	Mar-00	Warning	Acceptable
			Sep-00	Warning	Acceptable
		Cs-137	Mar-00	Acceptable	Acceptable
			Sep-00	Acceptable	Acceptable
		Mn-54	Mar-00	NT	Acceptable
			Sep-00	Acceptable	Acceptable
		Ru-106	Mar-00	NT	Not acceptable
			Sep-00	NT	Acceptable
		Sr-90	Mar-00	NT	Warning
			Sep-00	NT	Acceptable
		U-234	Mar-00	NT	Warning
			Sep-00	NT	Acceptable
		U-238	Mar-00	NT	Acceptable
			Sep-00	NT	Warning
		ug U	Mar-00	NT	Warning
			Sep-00	NT	Acceptable
		Pu-238	Mar-00	NT	Acceptable
			Sep-00	NT	Acceptable
Pu-239	Mar-00	NT	Warning		
	Sep-00	NT	Acceptable		
Am-241	Mar-00	NT	Acceptable		
	Sep-00	NT	Acceptable		
Vegetation	Bq/kg	Co-60	Mar-00	Acceptable	Warning
			Sep-00	Warning	Acceptable
		Cs-137	Mar-00	Acceptable	Warning
			Sep-00	Acceptable	Acceptable
		K-40	Mar-00	Acceptable	Warning
			Sep-00	Warning	Acceptable
Sr-90	Mar-00	NT	Not acceptable		
	Sep-00	NT	Warning		
Pu-239	Mar-00	NT	Acceptable		
	Sep-00	NT	Acceptable		
Vegetation	Bq/kg	Am-241	Mar-00	NT	Acceptable
			Sep-00	NT	Acceptable
		Cm-244	Mar-00	NT	Warning
Sep-00	NT		Acceptable		
Water	Bq/L	Alpha	Mar-00	Acceptable *	Acceptable
			Sep-00	Not acceptable	Acceptable
		Beta	Mar-00	Acceptable *	Warning
			Sep-00	Warning	Acceptable
		Co-60	Mar-00	Acceptable	Acceptable
			Sep-00	Acceptable	Acceptable
		Cs-137	Mar-00	Acceptable	Acceptable
			Sep-00	Acceptable	Acceptable
		H-3	Mar-00	Not acceptable	Acceptable

(continued)

**Table F-2. Quality Assessment Program #52, #53: 2000 Radiological Results Environmental Measurements Laboratory (CY 2000) (concluded).**

Matrix	Units	Isotope	Date	BNL Results <sup>(a)</sup>	GEL Results
		Sr-90	Sep-00	Acceptable	Acceptable
			Mar-00	Not acceptable	Acceptable
		Fe-55	Sep-00	Acceptable	Warning
			Mar-00	NT	Acceptable
		U-234	Mar-00	NT	Acceptable
			Sep-00	NT	Warning
		U-238	Mar-00	NT	Acceptable
			Sep-00	NT	Warning
		ug U	Mar-00	NT	Acceptable
			Sep-00	NT	Warning
		Pu-238	Mar-00	NT	NotAcceptable
			Sep-100	NT	Acceptable
		Pu-239	Mar-00	NT	Warning
			Sep-100	NT	Acceptable
		Am-241	Mar-00	NT	Warning
			Sep-100	NT	Acceptable
		Ni-63	Mar-00	NT	Acceptable
Soil	Bq/kg	Ac-228	Mar-00	Warning	Acceptable
			Sep-00	Warning	Acceptable
		Bi-212	Mar-00	Acceptable	Acceptable
			Sep-00	Warning	Acceptable
		Bi-214	Mar-00	Acceptable	Acceptable
			Sep-00	Acceptable	Acceptable
Cs-137	Mar-00	Acceptable	Acceptable		
	Sep-00	Acceptable	Acceptable		
Soil	Bq/kg	K-40	Mar-00	Warning	Acceptable
			Sep-00	Warning	Acceptable
		Pb-212	Mar-00	Acceptable	Acceptable
			Sep-00	Acceptable	Acceptable
		Pb-214	Mar-00	Acceptable	Acceptable
			Sep-00	Acceptable	Acceptable
		Sr-90	Mar-00	NT	Warning
			Sep-00	NT	Acceptable
		U-234	Mar-00	NT	Acceptable
			Sep-00	NT	Warning
		U-238	Mar-00	NT	Acceptable
			Sep-00	NT	Warning
		ug U	Mar-00	NT	Acceptable
			Sep-00	NT	Acceptable
		Pu-239	Mar-00	NT	Warning
			Sep-00	NT	Acceptable
		Am-241	Mar-00	NT	Acceptable
			Sep-00	NT	Acceptable
Th-234	Mar-00	NT	Acceptable		
	Sep-00	NT	Warning		

Notes:

(\*) Acceptable after correction for dilution

(a) Results column provides EML evaluation of analytical performance which is based on control limits established from percentiles of historic data distributions. No comment indicates performance within acceptable limits. Refer to Calendar Year 2000 ASL Quality Assurance Report for detailed data.

NT = Not Tested

**Table F-3. Radiological Potable Water Radiochemistry Proficiency Test Results Environmental Laboratory Approval Program (ELAP) (CY 2000).**

Radionuclide	BNL Result	GEL Result
Gross Alpha - Apr 2000	Acceptable	Acceptable
Gross Alpha - Nov 2000	Acceptable	NT
Gross Beta - Apr 2000	Unacceptable	Acceptable
Gross Beta - Nov 2000	Acceptable	NT
Tritium	NT	Acceptable
Uranium	NT	Acceptable
Radium-226	NT	Unacceptable
Cobalt-60	NT	Warning
Cesium-134	NT	Acceptable
Cesium-137	NT	Warning
Strontium-89	NT	Acceptable
Strontium-90	NT	Acceptable

Notes:  
 Results for all labs are summarized as acceptable, check for error or unacceptable.  
 Refer to Calendar Year 2000 ASL Quality Assurance Report for detailed data  
 NT = Not Tested

**Table F-4. InterLab RadChem Proficiency Test Results Environmental Resource Associates (ERA) (CY 2000).**

Analyte	Date	BNL Result <sup>(a)</sup>	GEL Result
Alpha	Feb-00	Acceptable	Acceptable
	Apr-00	Acceptable	Acceptable
	Jul-00	Acceptable	Acceptable
	Sep-00	Acceptable	Acceptable
	Dec-00	Acceptable	Acceptable
	Dec-00	Acceptable	Acceptable
Beta	Feb-00	Acceptable	Acceptable
	Apr-00	Acceptable	Acceptable
	Jul-00	Acceptable	Acceptable
	Sep-00	Acceptable	Acceptable
	Dec-00	Acceptable	Acceptable
	Dec-00	Acceptable	Acceptable
Ba-133	Aug-00	Acceptable	NT
	Dec-00	Acceptable	NT
Co-60	Jul-00	Acceptable	Warning
	Aug-00	Acceptable	NT
	Dec-00	Acceptable	NT
	Dec-00	Acceptable	NT
Cs-134	Jul-00	Acceptable	Acceptable
	Aug-00	Acceptable	NT
	Dec-00	Acceptable	NT
	Dec-00	Acceptable	NT
Cs-137	Jul-00	Warning	Warning
	Aug-00	Acceptable	NT
	Dec-00	Warning	NT
	Dec-00	Acceptable	NT
Zn-65	Aug-00	Warning	NT
	Dec-00	Acceptable	NT
H-3	Mar-00	Not acceptable	Acceptable
	Sep-00	Not acceptable	NT
Ra-226	Feb-00	NT	Unacceptable
Ra-228	Feb-00	NT	Acceptable
I-131	Aug-00	NT	Warning

Notes:  
 Refer to Calendar Year 2000 ASL Quality Assurance Report for detailed data  
<sup>(a)</sup>Result column provides ERA evaluation of analytical performance which is based on 95 and 99% confidence interval about the target value.  
 NT = Not Tested

**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water  
New York State Department of Health ELAP-NPW (CY 2000).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Non-potable Water Demand	Total Organic Carbon	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Residue	Total Dissolved Solids	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Total Suspended Solids	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory
	Total Solids	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Hydrogen Ion	pH	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Organic Nutrients	Total Kjedadhl Nitrogen	NT	Satisfactory	Unsatisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory	Unsatisfactory
	Phosphorus	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory
Alkalinity	Alkalinity	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory
Inorganic Nutrients	Ammonia	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Nitrate	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Orthophosphate	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Minerals	Chloride	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory
	Sulfate	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory
Phenols	Phenols	NT	Unsatisfactory	Unsatisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Oil and Grease	Oil and Grease	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
CLP	Cyanide	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Mercury	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Aluminum	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Barium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Beryllium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Calcium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Cadmium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Cobalt	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Chromium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Copper	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Iron	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Potassium	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Magnesium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Manganese	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Sodium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Nickel	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Lead	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Selenium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Vanadium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Zinc	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
CLP Metals IV	Silver	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	NT
	Arsenic	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	NT

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**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water  
New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Mercury	Antimony	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	NT
	Thallium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	NT
Metals I and II	Mercury	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
Metals III	Silver	Satisfactory	NT	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Aluminum	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Arsenic	Satisfactory	NT	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Barium	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Beryllium	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Calcium	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Cobalt	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Cadmium	Satisfactory	NT	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Chromium	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Copper	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Iron	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Potassium	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Magnesium	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Manganese	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Sodium	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Nickel	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Lead	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Selenium	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Antimony	Satisfactory	NT	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Thallium	Satisfactory	NT	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
Vanadium	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	
Zinc	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	
Metals III	Molybdenum	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Metals IV	Silver	NT	Satisfactory	NT	NT	NT	NT	NT	NT	NT	NT
Organophosphate Pesticides	Arsenic	NT	Satisfactory	NT	NT	NT	NT	NT	NT	NT	NT
	Antimony	NT	Satisfactory	NT	NT	NT	NT	NT	NT	NT	NT
	Thallium	NT	Satisfactory	NT	NT	NT	NT	NT	NT	NT	NT
	Parathion methyl	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
Cyanide	Cyanide, total	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
CLP Volatiles	1,1,1-Trichloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,1,2,2-Tetrachloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,1,2-Trichloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,1-Dichloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,1-Dichloroethene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,2-Dichloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,2-Dichloroethene (total)	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,2-Dichloropropane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Acetone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory

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**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water**  
**New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
	Benzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Bromodichloromethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Bromoform	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	cis-1,3-Dichloropropene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Carbon tetrachloride	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Bromomethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Chloromethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	Chlorobenzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dibromochloromethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Chloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Unsatisfactory	NT	Satisfactory
	Chloroform	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Carbon disulfide	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Ethyl benzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Hexanone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Methyl chloride	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Methylethyl ketone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Methyl-2-pentanone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Styrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	trans-1,3-Dichloropropene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Tetrachloroethene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Toluene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	Trichloroethene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Xylenes (total)	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Vinyl chloride	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
Purgable Aromatics											
	1,3-Dichlorobenzene	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Benzene	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Chlorobenzene	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Ethyl benzene	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Toluene	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	total Xylenes	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
Purgable Halocarbons											
	1,1,1-Trichloroethane	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	1,1,2,2-Tetrachloroethane	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	1,1-Dichloroethene	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	1,2-Dichloroethane	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Carbon tetrachloride	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Bromomethane	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Bromodichloromethane	Satisfactory	NT	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Dibromomethane	NT	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Chloroethane	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Chloroform	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Methylene chloride	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	Trichloroethene	NT	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
Nitrosamines											
	N-Nitrosodimethylamine	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT
	N-Nitrosodiphenylamine	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	N-Nitrosodi-n-propylamine	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT

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**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water  
New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Benzidines	3,3'-Dichlorobenzidine	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzidene	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	NT
Chlorinated Hydrocarbons	1,2,4-Trichlorobenzene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2-Chloronaphthalene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachlorobenzene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachlorobutadiene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachloroethane	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachlorocyclopentadiene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
CLP Semivolatiles	1,2,4-Trichlorobenzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,2-Dichlorobenzene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,3-Dichlorobenzene	NT	NT	Satisfactory	NT	Unsatisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,4-Dichlorobenzene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4,5-Trichlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4,6-Trichlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4-Dichlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4-Dimethylphenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4-Dinitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	2,4-Dinitrotoluene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,6-Dinitrotoluene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Chloronaphthalene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Chlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Chlorophenylphenyl ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Methyl,4,6-dinitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Methylnaphthalene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Methylphenol	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Nitroaniline	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Nitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	3,3-Dichlorobenzidine	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	3-Nitroaniline	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Bromophenylphenyl ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Chloro-3-methylphenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Chloroaniline	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Methylphenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Nitroaniline	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Nitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Acenaphthene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Anthracene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Acenaphthylene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Chloroethyl)ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Chloroethoxy)ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Chloroethoxy)methane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Chloroisopropyl)ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Ethylhexyl)phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(a)anthracene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(a)pyrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory

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**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water**  
**New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
	Benzo(b)fluoranthene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(ghi)perylene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(k)fluoranthene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzyl butyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Carbazole	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Chrysene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dibenzo(a,h)anthracene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Di-n-butyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dibenzofuran	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Diethyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dimethyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Di-n-octyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Flouranthene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Flourene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachlorobenzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachlorobutadiene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachlorocyclopentadiene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Indeno(1,2,3-cd)pyrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Isophorone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	Naphthalene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Nitrobenzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	N-Nitrosodiphenylamine	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	N-Nitrosodi-n-propylamine	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Phenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Pentachlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Phenanthrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Pyrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
Phthalate Esters											
	bis(2-Ethylhexyl)phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzyl butyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Di-n-butyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Diethyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Dimethyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Di-n-octyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Haloethers											
	4-Chlorophenylphenyl ether	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	4-Bromophenylphenyl ether	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Bis(2-chloroethyl)ether	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Bis(2-chloroethoxy)methane	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Bis(2-chloroisopropyl) ether	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Nitroaromatics and Isophorone											
	2,4-Dinitrotoluene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,6-Dinitrotoluene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Isophorone	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Nitrobenzene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Polynuclear Aromatic Hydrocarbons											
	Acenaphthene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT

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**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water  
New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Priority Pollutant Phenols	Anthracene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzo(a)anthracene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzo(a)pyrene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzo(b)fluoranthene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Fluoranthene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Indeno(1,2,3-cd)pyrene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Pyrene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,4,5-Trichlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,4,6-Trichlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,4-Dichlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
2,4-Dimethylphenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
2,4-Dinitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
2-Chlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
2-Methyl-4,6-dinitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
2-Nitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
4-Chloro-3-methyl phenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
4-Nitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
Phenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
Pentachlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT	
Chlordane	Chlordane	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	NT	Satisfactory
CLP Polychlorinated Biphenyls	PCB-1016	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1221	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1232	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1242	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1248	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1254	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1260	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
Polychlorinated Biphenyls	PCB 1232	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Unsatisfactory	NT	Satisfactory	NT
	PCB 1260	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Unsatisfactory	NT
CLP Pesticides	4,4-DDD	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4,4-DDE	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4,4-DDT	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	alpha-BHC	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	alpha-Chlordane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Aldrin	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	beta-BHC	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	delta-BHC	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dieldrin	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endrin aldehyde	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endrin ketone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endrin	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endosulfan I	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endosulfan II	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory

(continued on next page)

**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water  
New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL-MO	H2M
	Endosulfan sulfate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	gamma-Chlordane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Heptachlor	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Heptachlor epoxide	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Lindane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Methoxychlor	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Toxaphene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
Chlorinated Hydrocarbon Pesticides											
	4,4-DDE	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	4,4-DDT	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Aldrin	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Beta-BHC	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	delta-BHC	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Endrin	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Endosulfan II	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Heptachlor	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Methoxychlor	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Chlorophenoxy Acid Pesticides (Herbicides)											
	2,4,5-T	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2,4-D	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2,4,5-TP (Silvex)	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Solid and Hazardous Waste											
CLP Metals											
	Silver	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Aluminum	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Arsenic	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Barium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Beryllium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Calcium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Cadmium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Cyanide	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	Cobalt	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Copper	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Iron	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Mercury	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Potassium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Magnesium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Manganese	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Sodium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Nickel	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Lead	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Antimony	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Selenium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Thallium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Vanadium	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Zinc	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory

(continued on next page)

**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water  
New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Metals											
	Silver	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Arsenic	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Barium	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Cadmium	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Chromium	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Nickel	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Lead	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Antimony	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Selenium	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Chlorinated Hydrocarbons											
	1,2,4-Trichlorobenzene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2-Chloronaphthalene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachlorobenzene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachlorobutadiene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachloroethane	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Hexachlorocyclopentadiene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Phthalate Esters											
	Bis(2-ethylhexyl)phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzyl butyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Di-n-butyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Diethylphthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Dimethyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Di-n-octyl phthalate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Haloethers											
	Bis(2-chloroisopropyl)ether	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Bis(2-chloroethoxy)methane	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Nitroaromatics and Isophorone											
	2,4-Dinitrotoluene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,6-Dinitrotoluene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Isophorone	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Nitrobenzene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Polynuclear Aromatic Hydrocarbons											
	Acenaphthylene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzo(b)fluoranthene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Benzo(ghi)perylene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Chrysene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Dibenzo(a,h)anthracene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Fluorene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Naphthalene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Phenanthrene	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Priority Pollutant Phenols											
	2,4,6-Trichlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,4-Dichlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,4-Dimethylphenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2,4-Dinitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2-Chlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	2-Methyl-4,6-dinitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT

(continued on next page)

**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water  
New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL-MO	H2M
Polychlorinated Biphenyls	2-nitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	4-Chloro-3-methylphenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	4-Nitrophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Phenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Pentachlorophenol	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	PCB-1016	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	PCB-1221	NT	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	PCB-1232	Satisfactory	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Unsatisfactory	NT
	PCB-1242	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	PCB-1248	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
Chlorinated Hydrocarbon Pesticides	PCB-1254	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT
	PCB-1260	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	NT	Unsatisfactory	NT
	4,4-DDD	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	alpha-BHC	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Dieldrin	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Endrin aldehyde	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Endosulfan I	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Endosulfan sulfate	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Heptachlor epoxide	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
	Lindane	NT	Satisfactory	NT	NT	NT	NT	Satisfactory	NT	Satisfactory	NT
Chlorophenoxy Acid Pesticides	2,4,5-T	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-D	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4,5-TP(Silvex)	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chlordane	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Organophosphate Pesticides	Parathion methyl	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Unsatisfactory	NT	Satisfactory
CLP Semivolatiles	1,2,4-Trichlorobenzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,2-Dichlorobenzene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,3-Dichlorobenzene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	1,4-Dichlorobenzene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4,5-Trichlorophenol	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	2,4,6-Trichlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4-Dichlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4-Dimethylphenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4-Dinitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,4-Dinitrotoluene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2,6-Dinitrotoluene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Chloronaphthalene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Chlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Chlorophenylphenyl ether	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Methyl-4,6-dinitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	2-Methylnaphthalene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	2-Methylphenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
2-Nitroaniline	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory	
2-Nitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory	

(continued on next page)

**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water**  
**New York State Department of Health ELAP-NPW (CY 2000) (continued).**

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
	3,3-Dichlorobenzidine	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	3-Nitroaniline	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Bromophenylphenyl ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Chloro-3-methylphenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Chloroaniline	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Methylphenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Nitroaniline	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4-Nitrophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Acenaphthene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Anthracene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Acenaphthylene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Unsatisfactory	NT	Satisfactory
	bis(2-Chloroethyl)ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	bis(2-Chloroethoxy)ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Chloroethoxy)methane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Chloroisopropyl)ether	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	bis(2-Ethylhexyl)phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(a)anthracene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(a)pyrene	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(b)fluoranthene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(ghi)perylene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzo(k)fluoranthene	NT	NT	Unsatisfactory	NT	Unsatisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Benzyl butyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Carbazole	NT	NT	Unsatisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Chrysene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dibenzo(a,h)anthracene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Di-n-butyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dibenzofuran	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Diethyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dimethyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Di-n-octyl phthalate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Flouranthene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Flourene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachlorobenzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachlorobutadiene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachloroethane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Hexachlorocyclopentadiene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Indeno(1,2,3-cd)pyrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Isophorone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Naphthalene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Unsatisfactory
	Nitrobenzene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	N-Nitrosodiphenylamine	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	N-Nitrosodi-n-propylamine	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Phenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Pentachlorophenol	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Phenanthrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Pyrene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
CLP Polychlorinated Biphenyls											
	PCB-1016	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1221	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory

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**Table F-5. Summary of Contract Laboratory Proficiency Test Results for Non-Potable Water**  
New York State Department of Health ELAP-NPW (CY 2000) (concluded).

Category	Analyte	January 2000					July 2000				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
CLP Pesticides	PCB-1232	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1242	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1248	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1254	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	PCB-1260	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4,4-DDD	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4,4-DDE	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	4,4-DDT	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	alpha-BHC	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	alpha-Chlordane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Aldrin	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	beta-BHC	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	delta-BHC	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Dieldrin	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endrin aldehyde	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endrin ketone	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endrin	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endosulfan I	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endosulfan II	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
	Endosulfan sulfate	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory
gamma-Chlordane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory	
Heptachlor	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory	
Heptachlor epoxide	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory	
Lindane	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory	
Methoxychlor	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory	
Toxaphene	NT	NT	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory	NT	Satisfactory	

Notes:  
Results for all off-site contractor labs are summarized as acceptable, check for error or unacceptable.  
NT = Not Tested

**Table F-6. ASL Solid & Hazardous Waste Chemistry Proficiency Test #223 Results Environmental Laboratory Approval Program (ELAP) (CY 2000).**

Analyte	Date	Result <sup>(a)</sup>
Antimony	Jan-00	Acceptable
Arsenic	Jan-00	Acceptable
Barium	Jan-00	Acceptable
Cadium	Jan-00	Acceptable
Chromium	Jan-00	Acceptable
Lead	Jan-00	Acceptable
Nickel	Jan-00	Acceptable
PCB-1016	Jan-00	Acceptable
	Jul-00	Acceptable
PCB-1232	Jan-00	Acceptable
	Jul-00	Acceptable
PCB-1221	Jul-00	Acceptable
PCB-1222	Jan-00	Acceptable
PCB-1242	Jan-00	Acceptable
	Jul-00	Acceptable
PCB-1248	Jan-00	Acceptable
	Jul-00	Acceptable
PCB-1260	Jan-00	Acceptable
	Jul-00	Acceptable
PCB-1254	Jan-00	Acceptable
	Jul-00	Acceptable
Selenium	Jan-00	Acceptable
Silver	Jan-00	Acceptable

Notes:

Refer to Calendar Year 2000 ASL Quality Assurance Report for detailed data

<sup>(a)</sup> Result column provides ELAP evaluation of analytical performance which is based on 95 and 99% confidence interval about the target value.

**Table F-7. Summary of Contract Laboratory Proficiency Test Results for Potable Water  
New York State Department of Health ELAP (CY 2000).**

Category	Analyte	April 2000				May 2000	October 2000		
		BNL	GEL	H2M	STL- MO	H2M	BNL	H2M	STL- MO
Alkalinity	Alkalinity	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
Minerals	Chloride	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Nitrate	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Total Dissolved Solids	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Unsatisfactory
	Sulfate	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Unsatisfactory	Satisfactory
Hydrogen Ion	pH	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
Cyanide	Cyanide	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
Metals	Silver	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Arsenic	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Barium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Beryllium	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Cadmium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Chromium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Copper	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory	Satisfactory
	Iron	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Mercury	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory
	Manganese	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Sodium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Nickel	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Lead	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Antimony	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Selenium	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Thallium	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Zinc	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory	Satisfactory
Trihalomethanes	Bromodichloromethane	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
	Bromoform	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Unsatisfactory	Satisfactory
	Dibromochloromethane	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
	Chloroform	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
Gross Alpha and Gross Beta	Gross Alpha	Unsatisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory
	Gross Beta	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory
Radium	Radium-226	NT	Unsatisfactory	NT	Unsatisfactory	NT	NT	NT	Satisfactory

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**Table F-7. Summary of Contract Laboratory Proficiency Test Results for Potable Water  
New York State Department of Health ELAP (CY 2000) (continued).**

Category	Analyte	April 2000				May 2000	October 2000		
		BNL	GEL	H2M	STL- MO	H2M	BNL	H2M	STL- MO
Volatile Halocarbons									
	1,1,1,2-Tetrachloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,1,1-Trichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,1,2,2-Tetrachloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory	Satisfactory
	1,1,2-Trichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,1-Dichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,1-Dichloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,1-Dichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,2,3-Trichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	cis-1,2-Dichloroethylene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,3-Dichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	2,2-Dichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Bromochloromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	cis-1,3-Dichloropropylene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Carbon tetrachloride	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory
	Bromomethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Chloromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Trichlorofluoromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Chloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Dibromomethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Dichlorodifluoromethane	NT	NT	NT	NT	NT	Satisfactory	Satisfactory	Unsatisfactory
	Methylene chloride	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	trans-1,2-Dichloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	trans-1,3-Dichloropropylene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Tetrachloroethylene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Trichloroethylene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Vinyl chloride	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory
Volatile Aromatics									
	1,2,3-Trichlorobenzene	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,2,4-Trichlorobenzene	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory	Satisfactory
	1,2,4-Trimethylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,3,5-Trimethylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,3-Dichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	1,4-Dichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	2-Chlorotoluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	4-Chlorotoluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Bromobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Benzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory

(continued on next page)

**Table F-7. Summary of Contract Laboratory Proficiency Test Results for Potable Water**  
New York State Department of Health ELAP (CY 2000) (concluded).

Category	Analyte	April 2000				May 2000		October 2000	
		BNL	GEL	H2M	STL- MO	H2M	BNL	H2M	STL- MO
	Chlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Ethyl benzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Hexachlorobutadiene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	n-Butylbenzene	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	n-Propylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	o-Xylene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	p-isopropyltoluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	sec-Butylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Toluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Styrene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	tert-Butylbenzene	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Isopropylbenzene	NT	NT	NT	NT	NT	Satisfactory	Satisfactory	Unsatisfactory
	m-Xylene	NT	NT	NT	NT	NT	Satisfactory	Satisfactory	Satisfactory
Microextractables									
	1,2-Dibromo-3-chloropropan	NT	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	NT
	1,2-Dibromoethane	NT	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	NT
Mixed Pesticides I									
	Aldrin	NT	NT	Unsatisfactory	NT	NT	NT	Satisfactory	NT
	Dieldrin	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Endrin	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Hexachlorobenzene	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Hexachlorocyclopentadiene	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Heptachlor	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Heptachlor epoxide	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Lindane	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Methoxychlor	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
Mixed Esters									
	bis(2-Ethylhexyl)phthalate	NT	NT	Unsatisfactory	NT	NT	NT	Satisfactory	NT
Benzo(a)pyrene									
	Benzo(a)pyrene	NT	NT	Satisfactory	NT	NT	NT	NT	NT
Mixed Herbicides									
	2,4-D	NT	NT	NT	NT	NT	NT	Satisfactory	NT
	2,4,5-TP (Silvex)	NT	NT	NT	NT	NT	NT	Satisfactory	NT
Bacteriology									
	Total Coliform	NT	NT	NT	NT	Satisfactory	NT	NT	NT
	Plate Count	NT	NT	NT	NT	Satisfactory	NT	NT	NT

Notes:  
Refer to Calendar Year 2000 ASL Quality Assurance Report for detailed data  
Result column provides ELAP evaluation of analytical performance which is based on 95 and 99% confidence interval about the target value.  
NT = Not Tested

**Table F-8. Summary of Water Supply and Water Pollution Studies  
Environmental Resources Associates (ERA) (CY 2000).**

Category	Analyte	STL				BNL			
		WP-63	WP-66	WS-45	WP-69	WP-64	WP-70	WS-42	WS-52
Minerals	Total Solids	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Total Dissolved Solids	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT
	Alkalinity	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Chloride	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Potassium	NotAcceptable	Acceptable	Acceptable	NotAcceptable	NT	NT	NT	NT
	Sodium	Warning	NT	Acceptable	NotAcceptable	NotAcceptable	Warning	NT	NT
	Sulfate	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
Hydrogen Ion	pH	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
Hardness	Total Suspended Solids	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Calcium	Warning	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT
	Magnesium	Warning	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT
Demand	Biological Oxygen Demand	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Total Organic Carbon	Acceptable	NT	Acceptable	NotAcceptable	NT	NT	NT	NT
Nutrients	Ammonia	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Nitrate	Acceptable	NT	Acceptable	Acceptable	NT	NT	Acceptable	Acceptable
	Ortho-phosphate	Warning	NT	Acceptable	Acceptable	NT	NT	NT	NT
Nitrite	Nitrite	NT	NT	Acceptable	NT	NT	NT	NT	
Bromide	Bromide	NT	NT	Acceptable	NT	NT	NT	NT	
Nutrients-Complex	Total Phosphorous	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Total Kjeldahl Nitrogen	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Cyanide, total	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT
Phenolics	Phenolics, total	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
Grease & Oil	Grease & Oil (Gravimetric)	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
Trace Metals	Aluminum	Acceptable	NT	NotAcceptable	Acceptable	Warning	Acceptable	Acceptable	NotAcceptable
	Antimony	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable

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**Table F-8. Summary of Water Supply and Water Pollution Studies  
Environmental Resources Associates (ERA) (CY 2000) (continued).**

Category	Analyte	STL				BNL			
		WP-63	WP-66	WS-45	WP-69	WP-64	WP-70	WS-42	WS-52
Cyanide	Arsenic	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Barium	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Beryllium	Acceptable	NT	Acceptable	Acceptable	NotAcceptable	Acceptable	Acceptable	Acceptable
	Cadmium	Acceptable	NT	Acceptable	Acceptable	Acceptable	Warning	Acceptable	Acceptable
	Chromium	Acceptable	NT	Acceptable	Acceptable	Acceptable	Warning	Acceptable	Acceptable
	Cobalt	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Copper	Acceptable	NT	Acceptable	Acceptable	Acceptable	Warning	Not acceptable	Not acceptable
	Iron	Acceptable	NT	Acceptable	Acceptable	Acceptable	Warning	Acceptable	Acceptable
	Lead	Acceptable	NT	Acceptable	Acceptable	Acceptable	Not acceptable	Acceptable	Acceptable
	Magnesium	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT
	Manganese	NT	NT	NT	NT	Warning	Not acceptable	NT	NT
	Molybdenum	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Not acceptable
	Nickel	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Selenium	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Silver	Acceptable	NT	Acceptable	Acceptable	Acceptable	Check for Error	Acceptable	Acceptable
	Thallium	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Vanadium	Acceptable	NT	Acceptable	Acceptable	Warning	Acceptable	NT	Not acceptable
Zinc	Acceptable	NT	Acceptable	Acceptable	Acceptable	Warning	Not acceptable	Not acceptable	
Mercury	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	
Volatiles	Acetone	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	NT	NT
	Acrylonitrile	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Acrloien	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Benzene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Bromodichloromethane	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Bromofom	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	2-Butanone	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	NT	NT
	Bromomethane	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	Acceptable	NT	NT
	Carbon disulfide	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Carbon tetrachloride	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	NT	Acceptable	Acceptable
	Chlorobenzene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Chlorodibromomethane	Acceptable	NT	Acceptable	Acceptable	Not acceptable	Acceptable	Acceptable	Acceptable
	Chloroethane	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	Acceptable	NT	NT
	EDB	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT
	Dibromomethane	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	1,2-Dichlorobenzene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Not acceptable	Acceptable	Acceptable
	1,3-Dichlorobenzene	Acceptable	NT	Acceptable	Acceptable	Warning	Not acceptable	NT	NT
1,4-Dichlorobenzene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Warning	Acceptable	Acceptable	
Dichlorodifluoromethane	Acceptable	NT	NotAcceptable	Acceptable	NT	NT	NT	NT	

(continued on next page)

**Table F-8. Summary of Water Supply and Water Pollution Studies  
Environmental Resources Associates (ERA) (CY 2000) (continued).**

Category	Analyte	STL				BNL			
		WP-63	WP-66	WS-45	WP-69	WP-64	WP-70	WS-42	WS-52
	1,1-Dichloroethane	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	NT	NT
	1,2-Dichloroethane	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	1,1-Dichloroethene	Acceptable	NT	NotAcceptable	Acceptable	NT	NT	Acceptable	Acceptable
	cis-1,2-Dichloroethylene	Acceptable	NT	Acceptable	Acceptable	NT	Acceptable	Acceptable	Acceptable
	trans-1,2-Dichloroethylene	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	1,2-Dichloropropane	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	cis-1,3-Dichloropropene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	NT	NT
	trans-1,3-Dichloropropene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	NT	NT
	Ethylbenzene	Acceptable	NT	Acceptable	Acceptable	Warning	Warning	Acceptable	Acceptable
	2-Hexanone	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	NT	NT
	Methylene chloride	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Methyl iso butyl ketone	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	NT	NT
	Styrene	Acceptable	NT	Acceptable	Acceptable	NT	NT	Acceptable	Acceptable
	1,1,1,2-Tetrachloroethane	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT
	1,1,2,2-Tetrachloroethane	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	Acceptable	NT	NT
	Tetrachloroethene	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	Warning	Acceptable	Acceptable
	Toluene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	1,1,1-Trichloroethane	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	Not acceptable	Acceptable	Acceptable
	1,1,2-Trichloroethane	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Trichloroethene	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Trichlorofluoromethane	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	NT	NT
	Vinyl chloride	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	Xylenes, total	Acceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable	Acceptable
	1,2,4-Trichlorobenzene	NT	NT	Acceptable	NT	NT	NT	Acceptable	Acceptable
	Chloroform	NT	NT	NotAcceptable	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Total Trihalomethanes	NT	NT	Acceptable	NT	NT	NT	Acceptable	Acceptable
	Bromobenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	Bromochloromethane	NT	NT	Acceptable	NT	NT	NT	NT	NT
	n-Butylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	sec-Butylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	tert-Butylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	methyl-tert-Butyl Ether	NT	NT	Acceptable	NT	NT	NT	NT	NT
	Chloromethane	NT	NT	NotAcceptable	NT	Acceptable	Acceptable	NT	NT
	2-Chlorotoluene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	4-Chlorotoluene	NT	NT	NotAcceptable	NT	NT	NT	NT	NT
	1,3,-Dichloropropane	NT	NT	Acceptable	NT	NT	NT	NT	NT
	2,2-Dichloropropane	NT	NT	Acceptable	NT	NT	NT	NT	NT
	1,1-Dichloropropene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	Hexachlorobutadiene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	Isopropylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT

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**Table F-8. Summary of Water Supply and Water Pollution Studies  
Environmental Resources Associates (ERA) (CY 2000) (continued).**

Category	Analyte	STL				BNL			
		WP-63	WP-66	WS-45	WP-69	WP-64	WP-70	WS-42	WS-52
	4-Isopropyltoluene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	n-Butylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	n-Propylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	1,2,3-Trichlorobenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
	1,2,3-Trichloropropane	NT	NT	Acceptable	NT	NT	NT	NT	NT
	1,2,4-Trimethylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT
PCBs in Water	Aroclor 1242 Quantitation	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1242 Identification	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1260 Quantitation	NotAcceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Aroclor 1260 Identification	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Aroclor 1448 Quantitation	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Aroclor 1448 Identification	NT	NT	NT	Acceptable	NT	NT	NT	NT
PCBs in Oil	Aroclor 1254 Quantitation	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	NT	NT
	Aroclor 1254 Identification	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	NT	NT
	Aroclor 1242 Quantitation	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1242 Identification	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1016/1242 Quantitation	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Aroclor 1016/1242 Identification	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Aroclor 1260	NT	NT	NT	NT	Acceptable	Acceptable	NT	NT
	Aroclor 126 identification	NT	NT	NT	NT	Acceptable	Acceptable	NT	NT
Pesticides	Aldrin	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Alpha-BHC	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	beta-BHC	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	delta-BHC	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	gamma-BHC (Lindane)	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	alpha-Chlordane	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	gamma-Chlordane	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	4,4'-DDD	Acceptable	NT	NT	NotAcceptable	NT	NT	NT	NT
	4,4'-DDE	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	4,4'-DDT	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Dieldrin	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Endrin	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Endrin Aldehyde	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Endrin ketone	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Endosulfan I	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT

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**Table F-8. Summary of Water Supply and Water Pollution Studies  
Environmental Resources Associates (ERA) (CY 2000) (continued).**

Category	Analyte	STL				BNL			
		WP-63	WP-66	WS-45	WP-69	WP-64	WP-70	WS-42	WS-52
	Endosulfan II	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Endosulfan sulfate	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Heptachlor	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Heptachlo epoxide	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
	Methoxychlor	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
Chlordane									
	Chlordane, technical	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT
Base Neutrals									
	Acenaphthene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Acenaphthylene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Aniline	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Anthracene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Benzidine	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Benzo(a)anthracene	NT	NT	NT	NotAcceptable	NT	NT	NT	NT
	Benzo(b)fluoranthene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Benzo(k)fluoranthene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Benzo(g,h,i)perylene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Benzo(a)pyrene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Benzyl alcohol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	4-Bromophenyl-phenyl ether	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Butylbenzylphthalate	NT	NT	NT	Acceptable	NT	NT	NT	NT
	4-Chloroaniline	NT	NT	NT	Acceptable	NT	NT	NT	NT
	bis(2-Chloroethoxy)methane	NT	NT	NT	Acceptable	NT	NT	NT	NT
	bis(2-Chloroethyl)ether	NT	NT	NT	Acceptable	NT	NT	NT	NT
	bis(2-Chloroisopropyl)ether	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2-Chloronaphthalene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	4-Chlorophenyl-phenylether	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Chrysene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Dibenz(a,h)anthracene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Dibenzofuran	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Di-n-butyl phthalate	NT	NT	NT	Acceptable	NT	NT	NT	NT
	1,2-Dichlorobenzene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	1,3-Dichlorobenzene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	1,4-Dichlorobenzene	NT	NT	NT	NotAcceptable	NT	NT	NT	NT
	3,3'-Dichlorobenzidine	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Diethylphthalate	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Dimethylphthalate	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2,4-Dinitrotoluene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2,6-Dinitrotoluene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Di-n-octyl phthalate	NT	NT	NT	Acceptable	NT	NT	NT	NT

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**Table F-8. Summary of Water Supply and Water Pollution Studies  
Environmental Resources Associates (ERA) (CY 2000) (concluded).**

Category	Analyte	STL				BNL			
		WP-63	WP-66	WS-45	WP-69	WP-64	WP-70	WS-42	WS-52
	bis(2-Ethylhexyl)phthalate	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Fluoranthene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Fluorene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Hexachlorobenzene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Hexachlorobutadiene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Hexachlorocyclopentadiene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Hexachloroethane	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Indeno(1,2,3-cd)pyrene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Isophorone	NT	NT	NT	Acceptable	NT	NT	NT	NT
	1-Methylnaphthalene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2-Methylnaphthalene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Naphthalene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2-Nitroaniline	NT	NT	NT	Acceptable	NT	NT	NT	NT
	3-Nitroaniline	NT	NT	NT	Acceptable	NT	NT	NT	NT
	4-Nitroaniline	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Nitrobenzene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	N-Nitrosodimethylamine	NT	NT	NT	Acceptable	NT	NT	NT	NT
	N-Nitrosodiphenylamine	NT	NT	NT	Acceptable	NT	NT	NT	NT
	N-Nitroso-di-n-propylamine	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Phenanthrene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Pyrene	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Pyridine	NT	NT	NT	Acceptable	NT	NT	NT	NT
	1,2,4-Trichlorobenzene	NT	NT	NT	Acceptable	NT	NT	NT	NT
Acids									
	2-Chlorophenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2,4-Dimethylphenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2,4-Dinitrophenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2-Methylphenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	3-Methylphenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	4-Methylphenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2-Nitrophenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	4-Nitrophenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Pentachlorophenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	Phenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2,4,5-Trichlorophenol	NT	NT	NT	Acceptable	NT	NT	NT	NT
	2,4,6-Trichlorophenol	NT	NT	NT	Acceptable	NT	NT	NT	NT

Notes:

Refer to Calendar Year 2000 ASL Quality Assurance Report for detailed data

Result column provides ERA evaluation of analytical performance which is based on 95 and 99% confidence interval about the target value.

NT = Not Tested