

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 Blind Duplicate Results (CY 2001).

Parameter/ Analytical Fraction	Number of Duplicate	Acceptable ^(a)	Percent Acceptable
Gross Alpha	27	26	96
Gross Beta	27	26	96
Tritium	74	72	97
Strontium-90	43	42	97
Gamma Spectroscopy	25	25	100
Volatile Organic Compounds	56	55	98
Ethylene Dibromide	8	8	100
Semivolatile Organic Compounds	2	2	100
Pesticides	4	4	100
Metals	11	11	100
Classical Chemistry	11	7	63

Notes:

^(a) Acceptability requirements are based on USEPA Region II duplicate guidelines.

Table F-2.DOE's Evaluation of BNL and GEL Performance on Quality Assessment Tests 54 and 55.

Matrix	Units	Isotope	Date	BNL Results ^(e)	GEL Results
Air Filter	Bq/Filter	Alpha	Mar-01	Warning	Acceptable
			Sep-01	Warning*	Acceptable
		Beta	Mar-01	Warning	Acceptable
			Sep-01	Warning*	Warning
		Co-60	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Cs-134	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Cs-137	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Mn-54	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Sr-90	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		U-234	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		U-238	Mar-01	NT	Warning
			Sep-01	NT	Acceptable
		µg U	Mar-01	NT	Warning
			Sep-01	NT	Acceptable
		Pu-238	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		Pu-239	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
Am-241	Mar-01	NT	Acceptable		
	Sep-01	NT	Acceptable		
Vegetation	Bq/kg	Co-60	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Cs-137	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		K-40	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Sr-90	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		Pu-239	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		Am-241	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
Cm-244	Mar-01	NT	Acceptable		
	Sep-01	NT	Acceptable		
Water	Bq/L	Alpha	Mar-01	Not Acceptable	Acceptable
			Sep-01	Not Acceptable	Warning
		Beta	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Co-60	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Cs-137	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable

(continued)

Table F-2.DOE's Evaluation of BNL and GEL Performance on Quality Assessment Tests 54 and 55 (concluded).

Matrix	Units	Isotope	Date	BNL Results ^(e)	GEL Results
Water		H-3	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Sr-90	Mar-01	Warning	Acceptable
			Sep-01	Acceptable	Acceptable
		U-234	Mar-01	NT	Warning
			Sep-01	NT	Warning
		U-238	Mar-01	NT	Warning
			Sep-01	NT	Warning
		µg U	Mar-01	NT	Acceptable
			Sep-01	NT	Warning
		Pu-238	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		Pu-239	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		Am-241	Mar-01	NT	Acceptable
			Sep-01	NT	Acceptable
		Ni-63	Mar-01	NT	Warning
Soil	Bq/kg	Ac-228	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	NT
		Bi-212	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Warning
		Bi-214	Mar-01	Acceptable	NT
			Sep-01	Acceptable	Acceptable
		Cs-137	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		K-40	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	Acceptable
		Pb-212	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	NT
		Pb-214	Mar-01	Acceptable	Acceptable
			Sep-01	Acceptable	NT
		Sr-90	Mar-01	NT	Acceptable
			Sep-01	NT	Warning
		U-234	Mar-01	NT	Warning
			Sep-01	NT	Warning
U-238	Mar-01	NT	Warning		
	Sep-01	NT	Acceptable		
µg U	Mar-01	NT	Acceptable		
	Sep-01	NT	Acceptable		
Pu-239	Mar-01	NT	Acceptable		
	Sep-01	NT	Acceptable		
Am-241	Mar-01	NT	Acceptable		
	Sep-01	NT	Acceptable		
Th-234	Mar-01	NT	Acceptable		

Notes:

* BNL Fall 2001 Gross Alpha and Beta tests for air samples were run but were submitted late; when tested, the samples were Accepted.

^(e) The results column provides EML evaluation of analytical performance, which is based on control limits established from percentiles of historic data distributions. Refer to *Calendar Year 2001 ASL Quality Assurance Report* for detailed data.

NT = Not Tested

Table F-3. NYSDOH's Evaluation of the Potable Water Radiochemistry Testing Done by BNL and Two Contract Labs.

Radionuclide	BNL Result	GEL Result	STL-MO Result
Gross Alpha - Apr 2001	Satisfactory	Satisfactory	Satisfactory
Gross Alpha - Oct 2001	Satisfactory	Satisfactory	Satisfactory
Gross Beta - Apr 2001	Satisfactory	Satisfactory	Satisfactory
Gross Beta - Oct 2001	Satisfactory	Satisfactory	Satisfactory
Radium-226- Apr 2001	NT	Satisfactory	Satisfactory
Radium-228- Apr 2001	NT	Satisfactory	Satisfactory
Radium-226- Oct 2001	NT	Satisfactory	Satisfactory
Radium-228- Oct 2001	NT	Satisfactory	Satisfactory

Notes:
Results for all labs are summarized as Satisfactory, Warning or Unsatisfactory.
Refer to *Calendar Year 2001 ASL Quality Assurance Report* for detailed data.
NT = Not Tested

Table F-4. Results for BNL and GEL on the InterLab RadChem Proficiency Test Conducted by Environmental Resource Associates.

Analyte	Date	BNL Result ^(a)	GEL Result		
Gross Alpha	Mar-01	Acceptable	NT		
	Apr-01	NT	Acceptable		
	Jul-01	Acceptable	Acceptable		
	Aug-01	Acceptable	Acceptable		
	Oct-01	Acceptable	NT		
	Dec-01	Acceptable	NT		
	Gross Beta	Mar-01	Acceptable	NT	
		Apr-01	NT	Acceptable	
		Jul-01	Acceptable	Acceptable	
Aug-01		Acceptable	Acceptable		
Oct-01		Acceptable	NT		
Dec-01		Acceptable	NT		
Ba-133		Aug-01	Acceptable	NT	
		Co-60	Jul-01	Acceptable	Acceptable
			Aug-01	Acceptable	Acceptable
Cs-134	Dec-01	NotAcceptable	NT		
	Jul-01	Acceptable	Acceptable		
	Aug-01	Acceptable	Acceptable		
Cs-137	Dec-01	Acceptable	NT		
	Jul-01	Acceptable	Acceptable		
	Aug-01	NotAcceptable	Acceptable		
Zn-65	Dec-01	Check for Error	NT		
	Aug-01	Acceptable	NT		
	H-3	Mar-01	Acceptable	NT	
Aug-01		NT	Acceptable		
Sep-01		Acceptable	NT		
Ra-226	Jul-01	NT	NotAcceptable		
	Aug-01	NT	Acceptable		
	Nov-01	NT	Acceptable		
Ra-228	Jul-01	NT	Check for Error		
	Aug-01	NT	Acceptable		
	Nov-01	NT	Acceptable		
Sr-89	Apr-01	NT	Acceptable		
	Jul-01	NT	Check for Error		
	Sep-01	NT	Acceptable		
Sr-90	Apr-01	NT	Acceptable		
	Jul-01	NT	Check for Error		
	Sep-01	NT	Acceptable		
U(NAT)	Jul-01	NT	Acceptable		
	Aug-01	NT	Acceptable		
	Nov-01	NT	Acceptable		

Notes:
Refer to *Calendar Year 2001 ASL Quality Assurance Report* for detailed data.
^(a) Result column provides ERA evaluation of analytical performance, which is based on 95 and 99% confidence interval about the target value.
NT = Not Tested. "Check for Error" is considered passing.

Table F-5. NYSDOH's Evaluation of the Nonpotable Water Testing Performed by BNL and Contract Labs.

Category	Analyte	January 2001					July 2001				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL-MO	H2M
Change Demand	Chemical Oxygen Demand	NT	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Unsatisfactory	Unsatisfactory
Residue	Organic Carbon, total	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Unsatisfactory
	Total Dissolved Solids	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Total Suspended Solids	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Total Solids	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Hydrogen Ion	pH	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Organic Nutrients	Total Kjeldahl Nitrogen	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	NT	Unsatisfactory	Satisfactory
Alkalinity	Phosphorus	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory
	Alkalinity	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Inorganic Nutrients	Ammonia	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Nitrate	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Orthophosphate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Unsatisfactory	Satisfactory
Minerals	Chloride	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Sulfate	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory
Phenols	Phenols	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	
Oil and Grease	Oil and Grease	NT	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Mercury	Mercury	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
Metals I and II	Silver	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Aluminum	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory
	Arsenic	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Barium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Beryllium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Calcium	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Cobalt	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Cadmium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Chromium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Copper	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Iron	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory
	Potassium	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory
	Magnesium	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Manganese	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Sodium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Nickel	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory

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Table F-5. NYSDOH's Evaluation of the Nonpotable Water Testing Performed by BNL and Contract Labs (continued).

Category	Analyte	January 2001					July 2001				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Metals I and II	Lead	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Selenium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Antimony	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Thallium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Vanadium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	Zinc	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
Metals III	Molybdenum	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
Cyanide	Cyanide, total	NT	Unsatisfactory	Unsatisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Purgable Aromatics	1,2-Dichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,3-Dichlorobenzene	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,4-Dichlorobenzene	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Benzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Ethyl benzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory
	Toluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	total Xylenes	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Purgable Halocarbons	1,1,1-Trichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1,2,2-Tetrachloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1,2-Trichloroethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1-Dichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1-Dichloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2-Chloroethylvinylether	NT	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Carbon tetrachloride	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromomethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromodichloromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromoform	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Cis-1,3-Dichloropropene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Dibromomethane	NT	NT	Satisfactory	NT	NT	NT	NT	NT	NT	NT
	Dibromochloromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Dichlorodifluoromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chloromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	Chloroform	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Methylene chloride	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Trans-1,3-Dichloropropene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Tetrachloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory
Trichloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	
Trichlorofluoromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	
Vinyl chloride	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	

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Table F-5. NYSDOH's Evaluation of the Nonpotable Water Testing Performed by BNL and Contract Labs *(continued)*.

Category	Analyte	January 2001					July 2001				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Nitrosamines	N-Nitrosodimethylamine	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	N-Nitrosodiphenylamine	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	N-Nitrosodi-n-propylamine	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Benzidines	3,3'-Dichlorobenzidine	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzidene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Chlorinated Hydrocarbons	1,2,4-Trichlorobenzene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2-Chloronaphthalene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachlorobenzene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachlorobutadiene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachloroethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachlorocyclopentadiene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Phthalate Esters	bis(2-Ethylhexyl)phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzyl butyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Di-n-butyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Diethyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Dimethyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Unsatisfactory	Satisfactory
	Di-n-octyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Haloethers	4-Chlorophenylphenyl ether	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	4-Bromophenylphenyl ether	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Bis(2-chloroethyl)ether	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Bis(2-chloroethoxy)methane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Bis(2-chloroisopropyl) ether	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Nitroaromatics and Isophorone	2,4-Dinitrotoluene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,6-Dinitrotoluene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Isophorone	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Unsatisfactory
	Nitrobenzene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Polynuclear Aromatic Hydrocarbons	Acenaphthene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Anthracene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Acenaphthylene	NT	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzo(a)anthracene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzo(a)pyrene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzo(b)fluoranthene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzo(ghi)perylene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzo(k)fluoranthene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Chrysene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzo(a,h)anthracene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Unsatisfactory
	Fluoranthene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Fluorene	NT	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Indeno(1,2,3-cd)pyrene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Naphthalene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Phenanthrene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Pyrene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory

(continued on next page)

Table F-5.NYSDOH's Evaluation of the Nonpotable Water Testing Performed by BNL and Contract Labs (continued).

Category	Analyte	January 2001					July 2001				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Priority Pollutant Phenols	2,4,5-Trichlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4,6-Trichlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-Dichlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-Dimethylphenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-Dinitrophenol	NT	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2-Chlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2-Methyl-4,6-dinitrophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2-Nitrophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	4-Chloro-3-methyl phenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	4-Nitrophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Phenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Pentachlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Chlordane	Chlordane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Unsatisfactory	Satisfactory
Polychlorinated Biphenyls	PCB-1016	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
	PCB-1221	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	Unsatisfactory	Satisfactory
	PCB-1232	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
	PCB-1242	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
	PCB-1248	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
	PCB-1254	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
	PCB-1260	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory
Chlorinated Hydrocarbon Pesticides	4,4-DDD	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	4,4-DDE	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	4,4-DDT	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Aldrin	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Alpha-BHC	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Beta-BHC	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	delta-BHC	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Dieldrin	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Endrin Aldehyde	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Endrin	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Endosulfan I	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Endosulfan II	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Unsatisfactory	Satisfactory
	Endosulfansulfate	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Heptachlor	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Heptachlor epoxide	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Lindane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
	Methoxychlor	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory
Chlorophenoxy Acid Pesticides (Herbicides)	2,4,5-T	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-D	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Unsatisfactory	Satisfactory
	2,4,5-TP (Silvex)	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory

(continued on next page)

Table F-5. NYSDOH's Evaluation of the Nonpotable Water Testing Performed by BNL and Contract Labs *(continued)*.

Category	Analyte	January 2001					July 2001				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Metals	Silver	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT
	Arsenic	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Barium	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Cadmium	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Chromium	NT	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Nickel	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Lead	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Antimony	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Selenium	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Chlorinated Hydrocarbons	1,2,4-Trichlorobenzene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2-Chloronaphthalene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachlorobenzene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachlorobutadiene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachloroethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachlorocyclopentadiene	NT	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Phthalate Esters	Bis(2-ethylhexyl)phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Benzyl butyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Di-n-butyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Diethylphthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Dimethyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Di-n-octyl phthalate	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Haloethers	Bis(2-chloroisopropyl)ether	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Bis(2-chloroethoxy)methane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Nitroaromatics and Isophorone	2,4-Dinitrotoluene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,6-Dinitrotoluene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Isophorone	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Nitrobenzene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Polynuclear Aromatic Hydrocarbons	Acenaphthylene	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Acenaphthene	NT	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Anthracene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Benzo(a)anthracene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Benzo(a)pyrene	NT	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Benzo(b)fluoranthene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Benzo(ghi)perylene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chrysene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Dibenzo(a,h)anthracene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Fluoranthene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Fluorene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Indeno(1,2,3-cd)pyrene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Naphthalene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Phenanthrene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Pyrene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory

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Table F-5.NYSDOH's Evaluation of the Nonpotable Water Testing Performed by BNL and Contract Labs (continued).

Category	Analyte	January 2001					July 2001				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL- MO	H2M
Priority Pollutant Phenols											
	2,4,6-Trichlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-Dichlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-Dimethylphenol	NT	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-Dinitrophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2-Chlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2-Methyl-4,6-dinitrophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2-Nitrophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	4-Chloro-3-methylphenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	4-Nitrophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Phenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Pentachlorophenol	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Polychlorinated Biphenyls											
	PCB-1016	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	PCB-1221	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	PCB-1232	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	PCB-1242	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	PCB-1248	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	PCB-1254	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
	PCB-1260	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Unsatisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory
Chlorinated Hydrocarbon Pesticides											
	4,4-DDD	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	4,4-DDE	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	4,4-DDT	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	alpha-BHC	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Aldrin	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Beta-BHC	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Delta BHC	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Dieldrin	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Endrin aldehyde	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Endrin	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Endosulfan I	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Endosulfan II	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Endosulfan sulfate	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Heptachlor	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Heptachlor epoxide	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Lindane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	Methoxychlor	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	NT	NT	Satisfactory
Chlorophenoxy Acid Pesticides											
	2,4,5-T	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
	2,4-D	NT	Satisfactory	Unsatisfactory	NT	Satisfactory	NT	Satisfactory	NT	Unsatisfactory	Satisfactory
	2,4,5-TP(Silvex)	NT	Satisfactory	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	Satisfactory
Chlordane											
	Chlordane (total)		Satisfactory	Satisfactory	Satisfactory	Satisfactory		Satisfactory	NT	Unsatisfactory	Satisfactory
Purgeables											
	1,1,1-Trichloroethane	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1,2,2-Tetrachloroethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1,2-Trichloroethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory

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Table F-5. NYSDOH's Evaluation of the Nonpotable Water Testing Performed by BNL and Contract Labs (concluded).

Category	Analyte	January 2001					July 2001				
		BNL	GEL	STL-CT	STL-MO	H2M	BNL	GEL	STL-CT	STL-MO	H2M
Purgables	1,1-Dichloroethane	NT	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1-Dichloroethene	NT	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichloroethane	NT	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichloropropane	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2-Chloroethylvinyl ether	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Benzene	NT	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromodichloromethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromoform	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Carbon Tetrachloride	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromomethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chloromethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Unsatisfactory	Unsatisfactory	Satisfactory
	Trichlorofluoromethane	NT	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Chlorobenzene	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chloroethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chloroform	NTN	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Dichlorodifluoromethane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Ethylbenzene	NT	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Methylene chloride	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Trans-1,3-Dichloropropene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Tetrachloroethene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Toluene	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Trichloroethene	NT	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Total Xylenes	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Vinyl chloride	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichlorobenzene	NT	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
1,3-Dichlorobenzene	NT	NT	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	
1,4-Dichlorobenzene	NT	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	

Notes:
 Results for all off-site contractor labs are summarized as Satisfactory, Unsatisfactory, or NT.
 NT = Not Tested; certification was not applicable for the work performed for BNL.
 STL-Newburgh New York was only used to analyze Ethylene dibromide. The January and July results were both Satisfactory.

Table F-6. NYSDOH's Evaluation of BNL Performance on Proficiency Tests 240 and 245 (Solid and Hazardous Waste Chemistry).

Analyte	Date	Result ^(a)
PCB-1016	Jan-01	Acceptable
	Jul-01	Acceptable
PCB-1221	Jan-01	Acceptable
	Jul-01	Acceptable
PCB-1232	Jan-01	Acceptable
	Jul-01	Acceptable
PCB-1242	Jan-01	Acceptable
	Jul-01	Acceptable
PCB-1248	Jan-01	Acceptable
	Jul-01	Acceptable
PCB-1260	Jan-01	Acceptable
	Jul-01	Acceptable
PCB-1254	Jan-01	Acceptable

Notes:

Refer to *Calendar Year 2001 ASL Quality Assurance Report* for detailed data.

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

Table F-7. NYSDOH's Evaluation of the Potable Water Testing Performed by BNL and Contract Labs.

Category	Analyte	April 2001				October 2001			
		BNL	GEL	H2M	STL- MO	BNL	GEL	H2M	STL- MO
Alkalinity	Alkalinity	NT	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Satisfactory
Calcium Hardness	Calcium Hardness	NT	Satisfactory	Satisfactory	Unsatisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory
Minerals	Chloride	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	Nitrate	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Total Dissolved Solids	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Sulfate	Satisfactory	Unsatisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
Nitrite	Nitrite	NT	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory	Satisfactory
Hydrogen Ion	pH	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
Cyanide	Cyanide	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Unsatisfactory
Metals	Silver	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Arsenic	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Barium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Beryllium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Cadmium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chromium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Copper	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Iron	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory
	Mercury	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Manganese	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	Sodium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Nickel	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Lead	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Antimony	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Selenium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Thallium	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory
Zinc	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	
Trihalomethanes	Bromodichloromethane	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Bromoform	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Dibromochloromethane	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory
	Chloroform	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory

(continued on next page)

Table F-7. NYSDOH's Evaluation of the Potable Water Testing Performed by BNL and Contract Labs (continued).

Category	Analyte	April 2001				October 2001			
		BNL	GEL	H2M	STL- MO	BNL	GEL	H2M	STL- MO
Gross Alpha and Gross Beta									
	Gross Alpha	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory
	Gross Beta	Satisfactory	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	NT	Satisfactory
Radium									
	Radium-226	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory
	Radium-228	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory	NT	Satisfactory
Volatile Halocarbons									
	1,1,1,2-Tetrachloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,1,1-Trichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,1,2,2-Tetrachloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,1,2-Trichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,1-Dichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,1-Dichloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,1-Dichloropropene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,2,3-Trichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,2-Dichloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	cis-1,2-Dichloroethylene	NT	Satisfactory	Satisfactory	Satisfactory	NT	Unsatisfactory	Satisfactory	Unsatisfactory
	1,2-Dichloropropane	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	1,3-Dichloropropane	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2,2-Dichloropropane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromochloromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	cis-1,3-Dichloropropene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Carbon tetrachloride	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	Bromomethane	Satisfactory	NT	NT	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chloromethane	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Trichlorofluoromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	Chloroethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Dibromomethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	Dichlorodifluoromethane	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Methylene chloride	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	trans-1,2-Dichloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	trans-1,3-Dichloropropene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Tetrachloroethene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
	Trichloroethene	Satisfactory	NT	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory
	Vinyl chloride	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory
Volatile Aromatics									
	1,2,3-Trichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2,4-Trichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2,4-Trimethylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,2-Dichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,3,5-Trimethylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	1,3-Dichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory

(continued on next page)

Table F-7. NYSDOH's Evaluation of the Potable Water Testing Performed by BNL and Contract Labs (continued).

Category	Analyte	April 2001				October 2001			
		BNL	GEL	H2M	STL- MO	BNL	GEL	H2M	STL- MO
	1,4-Dichlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	2-Chlorotoluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	4-Chlorotoluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Bromobenzene	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Benzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Chlorobenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Ethyl benzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Hexachlorobutadiene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Isopropylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	n-Butylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	n-Propylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	o-Xylene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	p-isopropyltoluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	sec-Butylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Toluene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Styrene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	tert-Butylbenzene	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	m-Xylene	NT	Satisfactory	Satisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	p-Xylene	Satisfactory	Satisfactory	Unsatisfactory	Unsatisfactory	Satisfactory	Satisfactory	Satisfactory	Satisfactory
	Microextractables								
	1,2-Dibromo-3-chloropropane	NT	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory	NT
	1,2-Dibromoethane	NT	Satisfactory	Satisfactory	NT	NT	Satisfactory	Satisfactory	NT
	Chlordane								
	Chlordane	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Mixed Pesticides								
	Aldrin	NT	NT	Satisfactory	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
	Total PCBs								
	Total PCBs as Decachlorobiphenyl	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Toxaphene								
	Toxaphene	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Mixed Esters								
	bis(2-Ethylhexyl)phthalate	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT

(continued on next page)

Table F-7. NYSDOH's Evaluation of the Potable Water Testing Performed by BNL and Contract Labs (concluded).

Category	Analyte	April 2001				October 2001			
		BNL	GEL	H2M	STL- MO	BNL	GEL	H2M	STL- MO
Benzo(a)pyrene	Benzo(a)pyrene	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
Mixed Herbicides	2,4-D	NT	NT	Satisfactory	NT	NT	NT	Unsatisfactory	NT
	Dalapon	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Dicamba	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Dinoseb	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	Pentachlorophenol	NT	NT	Satisfactory	NT	NT	NT	Unsatisfactory	NT
	Pichloram	NT	NT	Satisfactory	NT	NT	NT	Satisfactory	NT
	2,4,5-TP (Silvex)	NT	NT	Satisfactory	NT	NT	NT	Unsatisfactory	NT
Bacteriology									
NW Fecal Coliforms	Fecal Coliform	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
NW Total Coliforms	Total coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
Total Coliforms and E. Coli	E. Coli	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	Total Coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	E. Coli	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	Total Coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	E. Coli	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	Total Coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	E. Coli	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	Total Coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	E. Coli	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	Total Coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	E. Coli	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	Total Coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	E. Coli	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
	Total Coliforms	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory
Standard Plate Count	Standard Plate Count	NT	NT	NT	Satisfactory	NT	NT	NT	Satisfactory

Notes:
Refer to Calendar Year 2001 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; certification was not applicable for the work performed for BNL.

Table F-8. Independent Company's Evaluation of Water Supply and Pollution Studies Performed by BNL and Contract Lab.

Category	Analyte	GEL					BNL			
		WP-80	WP-81	WS-54	WS-57	WP-72	WP-73	WP-78	WS-57	WS-63
Minerals	Total Solids	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Total Dissolved Solids	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Alkalinity	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Chloride	NotAcceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Potassium	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Sodium	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	NT	NT
	Sulfate	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
Hydrogen Ion	pH	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
Hardness	Total Suspended Solids	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Calcium	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
	Magnesium	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
Demand	Biological Oxygen Demand	Check for Error	NT	NT	NT	NT	NT	NT	NT	NT
	Total Organic Carbon	Check for Error	NT	Acceptable	NT	NT	NT	NT	NT	NT
Nutrients	Ammonia	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Nitrate	Acceptable	NT	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable
	Ortho-phosphate	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
Nitrite	Nitrite	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
Bromide	Bromide	NT	NT	NotAcceptable	Acceptable	NT	NT	NT	NT	NT
Nutrients-Complex	Total Phosphorous	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Total Kjeldahl Nitrogen	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Cyanide, total	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
Phenolics	Phenolics, total	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
Grease & Oil	Grease & Oil (Gravimetric)	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
Trace Metals	Aluminum	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Antimony	Acceptable	NT	Acceptable	NT	NT	NT	Acceptable	Acceptable	Acceptable
	Arsenic	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Barium	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Boron	Acceptable	NT	Acceptable	NT					

(continued on next page)

Table F-8. Independent Company's Evaluation of Water Supply and Pollution Studies Performed by BNL and Contract Lab (continued).

Category	Analyte	GEL						BNL		
		WP-80	WP-81	WS-54	WS-57	WP-72	WP-73	WP-78	WS-57	WS-63
	Beryllium	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	NotAcceptable	Acceptable
	Cadmium	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Chromium	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Cobalt	Acceptable	NT	NT	NT	Acceptable	NT	Acceptable	NT	NT
	Copper	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Iron	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Lead	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Magnesium	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Manganese	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Molybdenum	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Nickel	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Selenium	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Silver	NotAcceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Thallium	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Vanadium	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Zinc	Acceptable	NT	NotAcceptable	Acceptable	Acceptable	NT	Acceptable	Acceptable	Acceptable
	Mercury	Acceptable	NT	Acceptable	NT	Acceptable	NT	Acceptable	Acceptable	Acceptable
Volatiles										
	Acetone	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable	NT	NT
	Acrylonitrile	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Acroloin	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Benzene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Bromodichloromethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Bromoform	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NotAcceptable	NotAcceptable
	2-Butanone	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable	NT	NT
	Bromomethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NT	NT
	Carbon disulfide	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Carbon tetrachloride	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Chlorobenzene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Chlorodibromomethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Chloroethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NT	NT
	EDB	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Dibromomethane	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	1,2-Dichlorobenzene	Acceptable	NT	Acceptable	NT	NT	Check for Error	NotAcceptable	Acceptable	Acceptable
	1,3-Dichlorobenzene	Acceptable	NT	Acceptable	NT	NT	Not acceptable	NotAcceptable	NT	NT
	1,4-Dichlorobenzene	Acceptable	NT	Acceptable	NT	NT	Check for Error	NotAcceptable	Acceptable	Acceptable
	Dichlorodifluoromethane	Acceptable	NT	NotAcceptable	NT	NT	NT	NT	NT	NT
	1,1-Dichloroethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NT	NT
	1,2-Dichloroethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	1,1-Dichloroethylene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	cis-1,2-Dichloroethylene	Acceptable	NT	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable
	trans-1,2-Dichloroethylene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	1,2-Dichloropropane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	cis-1,3-Dichloropropylene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NT	NT

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Table F-8. Independent Company's Evaluation of Water Supply and Pollution Studies Performed by BNL and Contract Lab (continued).

Category	Analyte	GEL					BNL			
		WP-80	WP-81	WS-54	WS-57	WP-72	WP-73	WP-78	WS-57	WS-63
	trans-1,3-Dichloropropylene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NT	NT
	Ethylbenzene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	2-Hexanone	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable	NT	NT
	Methylene chloride	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Methyl iso butyl ketone	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable	NT	NT
	Styrene	Acceptable	NT	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable
	1,1,1,2-Tetrachloroethane	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	1,1,2,2-Tetrachloroethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NT	NT
	Tetrachloroethylene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Toluene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	1,1,1-Trichloroethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	1,1,2-Trichloroethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Trichloroethylene	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Trichlorofluoromethane	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable	NT	NT
	Vinyl chloride	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	Xylenes, total	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	Acceptable	Acceptable
	1,2,4-Trichlorobenzene	Acceptable	NT	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable
	Chloroform	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NotAcceptable	Acceptable
	Total Trihalomethanes	NT	NT	Acceptable	NT	NT	NT	NT	Acceptable	Acceptable
	Bromochloromethane	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	n-Butylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	sec-Butylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	methyl-tert-Butyl Ether	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Chloromethane	Acceptable	NT	Acceptable	NT	NT	Acceptable	Acceptable	NT	NT
	2-Chlorotoluene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	4-Chlorotoluene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	1,3-Dichloropropane	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	1,1-Dichloropropene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Hexachlorobutadiene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Isopropylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	4-Isopropyltoluene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	n-Butylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	n-Propylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	1,2,3-Trichlorobenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	1,2,3-Trichloropropane	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	1,2,4-Trimethylbenzene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
PCBs in Water	Aroclor 1016/1242	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1221	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1232	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1248	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1254	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1260	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT

(continued on next page)

Table F-8. Independent Company's Evaluation of Water Supply and Pollution Studies Performed by BNL and Contract Lab (continued).

Category	Analyte	GEL					BNL			
		WP-80	WP-81	WS-54	WS-57	WP-72	WP-73	WP-78	WS-57	WS-63
PCBs in Oil										
	Aroclor 1254 (STD #1)	Acceptable	NT	NT	NT	Acceptable	NT	Acceptable	NT	NT
	Aroclor 1254 (STD #2)	Acceptable	NT	NT	NT	Acceptable	NT	Acceptable	NT	NT
	Aroclor Identification	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Aroclor Identification	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Aroclor 1016/1242 (STD #1)	Acceptable	NT	NT	NT	Acceptable	NT	Acceptable	NT	NT
	Aroclor 1016/1242 (STD #2)	Acceptable	NT	NT	NT	Acceptable	NT	Acceptable	NT	NT
	Aroclor 1260 (STD #1)	Acceptable	NT	NT	NT	Acceptable	NT	Acceptable	NT	NT
	Aroclor 1260 (STD #2)	Acceptable	NT	NT	NT	Acceptable	NT	Acceptable	NT	NT
Pesticides										
	Aldrin	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
	Alpha-BHC	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	beta-BHC	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	delta-BHC	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	gamma-BHC (Lindane)	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
	alpha-Chlordane	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	gamma-Chlordane	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	4,4'-DDD	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	4,4'-DDE	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	4,4'-DDT	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Dieldrin	Acceptable	NT	Not Acceptable	Acceptable	NT	NT	NT	NT	NT
	Endrin	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
	Endrin Aldehyde	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Endrin ketone	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Endosulfan I	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Endosulfan II	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Endosulfan sulfate	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Heptachlor	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
	Heptachlor epoxide	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
	Methoxychlor	Acceptable	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT
	Chlordane									
	Chlordane, technical	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
Base Neutrals										
	Acenaphthene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Acenaphthylene	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Aniline	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT	NT
	Anthracene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Benidine	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Benzo(b)fluoranthene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Benzo(k)fluoranthene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Benzo(g,h,i)perylene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Benzo(a)pyrene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT

(continued on next page)

Table F-8. Independent Company's Evaluation of Water Supply and Pollution Studies Performed by BNL and Contract Lab (continued).

Category	Analyte	GEL						BNL		
		WP-80	WP-81	WS-54	WS-57	WP-72	WP-73	WP-78	WS-57	WS-63
	Benzyl alcohol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	4-Bromophenyl-phenyl ether	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Butylbenzylphthalate	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	4-Chloroaniline	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	bis(2-Chloroethoxy)methane	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	bis(2-Chloroethyl)ether	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	bis(2-Chloroisopropyl)ether	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	2-Chloronaphthalene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	4-Chlorophenyl-phenylether	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Chrysene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Dibenz(a,h)anthracene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Dibenzofuran	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Di-n-butyl phthalate	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	1,2-Dichlorobenzene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	1,3-Dichlorobenzene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	1,4-Dichlorobenzene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Diethylphthalate	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Dimethylphthalate	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	2,4-Dinitrotoluene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	2,6-Dinitrotoluene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	bis(2-Ethylhexyl)phthalate	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Fluoranthene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Fluorene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Hexachlorobenzene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Hexachlorobutadiene	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Hexachlorocyclopentadiene	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Hexachloroethane	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Indeno(1,2,3-cd)pyrene	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Isophorone	NT	NT	NT	NT	NT	NT	NT	NT	NT
	1-Methylnaphthalene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	2-Methylnaphthalene	NT	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Naphthalene	NT	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	3-Nitroaniline	NT	NT	NT	NT	NT	NT	NT	NT	NT
	4-Nitroaniline	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Nitrobenzene	NT	NT	NT	NT	NT	NT	NT	NT	NT
	N-Nitrosodimethylamine	NT	NT	NT	NT	NT	NT	NT	NT	NT
	N-Nitrosodiphenylamine	NT	NT	NT	NT	NT	NT	NT	NT	NT
	N-Nitroso-di-n-propylamine	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Phenanthrene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Pyrene	Acceptable	Acceptable	Acceptable	NT	NT	NT	NT	NT	NT
	Pyridine	NT	NT	NT	NT	NT	NT	NT	NT	NT
	1,2,4-Trichlorobenzene	Acceptable	NT	NT	Acceptable	NT	NT	NT	NT	NT

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Table F-8. Independent Company's Evaluation of Water Supply and Pollution Studies Performed by BNL and Contract Lab (concluded).

Category	Analyte	GEL					BNL			
		WP-80	WP-81	WS-54	WS-57	WP-72	WP-73	WP-78	WS-57	WS-63
Acids	2-Chlorophenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	2,4-Dimethylphenol	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	2,4-Dinitrophenol	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	2-Methylphenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	3-Methylphenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	4-Methylphenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	2-Nitrophenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	4-Nitrophenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	Pentachlorophenol	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	Phenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT
	2,4,5-Trichlorophenol	Acceptable	NT	Acceptable	NT	NT	NT	NT	NT	NT
	2,4,6-Trichlorophenol	Acceptable	NT	NT	NT	NT	NT	NT	NT	NT

Notes:

Refer to *Calendar Year 2001 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

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