

TABLE 1
Summary of Analytical Laboratory Results
 Core Investigative Area Sampling
 Groundwater Vapor Project, Endicott, NY

	Sample Date	Sample Type	Indoor Air Sample Location	Analytical Laboratory Results (µg/m ³)															
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Cane	Freon 113	MeCL					
Residential 001	01/08/03	AA		< 0.2	0.66	0.16	< 0.6	< 0.039		0.34	EB	< 0.06	< 0.12	< 0.2	0.65	EB	1.2	EB	
	01/08/03	IA	Storage Basement	2.0	140	24	< 0.68	< 0.044		34		4.3	17	< 0.22	2.6	EB	1.9	EB	
	01/08/03	SS		< 47	10,000	820	< 110	< 18	J	1,300		240	170	< 18	53		< 24		
	1/8/03	LAB DUP		< 47	10,000	830	< 110	< 18		1,300		240	160	< 18	53		< 24		
Residential 002	01/08/03	AA		< 0.21	0.17	0.12	< 0.61	< 0.039		0.18	EB	< 0.061	< 0.12	< 0.2	0.71	EB	< 0.54		
	01/08/03	IA	Storage Basement	3.9	75	2.1	< 0.68	< 0.044		18		0.24	1.4	< 0.22	2.1	EB	0.83	EB	
	01/08/03	SS		880	13,000	270	< 120	< 18	J	2,000		36	130	< 19	270		< 25		
Residential 003	01/14/03	AA		< 0.19	0.15	0.11	< 0.57	< 0.037		0.16	EB	< 0.057	< 0.12	< 0.19	0.72	EB	< 0.5		
	01/14/03	IA	Storage Basement	< 0.23	2.5	0.18	< 0.68	< 0.044		0.56	EB	< 0.068	< 0.14	< 0.22	0.74	EB	< 0.59		
	01/14/03	SS		< 10	2,200	120	< 23	< 3.8	J	370		52	20	< 3.9	11		< 5.1		
Institutional 001	01/14/03	IA - A	Classroom / Meeting Room	130	26	1.9	< 0.62	< 0.04		3.3		0.46	0.23	< 0.21	0.64	EB	29		
	01/14/03	IA - B	Lounge	230	28	2.1	< 0.78	< 0.05		3.4		0.49	0.26	< 0.26	0.74	EB	66		
	01/14/03	IA - C	Boiler Room	120	130	10	< 0.83	< 0.054		13		2.1	1.1	< 0.28	1.2	EB	25		
	01/14/03	SS - A		< 33	6,000	340	< 77	< 12		980		90	45	< 13	37		< 17		
	01/14/03	SS - B		< 100	14,000	1,300	< 240	< 39		1,700		270	140	< 40	< 120		< 53		
Institutional 002	01/14/03	IA	Dining / Meeting Hall	5.5	15	1.2	< 0.69	< 0.044		2.0		0.19	< 0.14	< 0.23	0.74	EB	1.9	JEB	
	1/14/03	LAB DUP		5.7	15	1.2	< 1	< 0		2.1		0.20	0.14	< 0	0.68	EB	2.0		
	01/14/03	IA - Dup		5.5	15	1.4	< 0.69	< 0.044		2.1		0.24	0.14	< 0.23	0.62	EB	3.2	JEB	
	01/14/03	SS		< 12	2,400	120	< 27	< 4.4		430		37	19	< 4.5	13		< 5.9		
Residential 004	01/14/03	AA		< 0.21	0.17	0.12	< 0.62	< 0.04		0.19	EB	< 0.062	< 0.13	< 0.21	0.67	EB	< 0.55		
	01/14/03	IA	Storage Basement	< 0.23	4.5	0.20	< 0.66	< 0.043		1.1		< 0.066	< 0.13	< 0.22	0.72	EB	< 0.58		
	1/14/03	LAB DUP		< 0.23	4.4	0.19	< 0.66	< 0.043		1.1		< 0.066	< 0.13	< 0.22	0.69		< 0.58		
	01/14/03	SS		< 8	1,700	46	< 19	< 3	J	350		9.7	9.6	< 3.1	9.1		< 4.1		
Multiuse 001	01/12/03	AA		< 0.19	0.15	0.11	< 0.56	< 0.036		0.18	EB	< 0.056	< 0.11	< 0.19	0.65	EB	0.64	EB	
	01/12/03	IA	Storage Basement	< 0.32	38	1.90	< 0.93	< 0.06		3.4		0.55	0.75	< 0.31	1.2	EB	< 0.81		
	01/12/03	SS		< 56	16,000	700	< 130	< 21		1,400		260	270	< 22	180		< 28		
Commercial 001	01/10/03	AA		0.4	EB	0.21	< 0.12	< 0.58	< 0.037	0.33	EB	< 0.058	< 0.12	< 0.19	0.39	EB	2	EB	
	01/10/03	IA - A	Mechanical Utility Room	0.93	EB	4.4	< 0.14	< 0.68	< 0.044	1.0		< 0.068	< 0.14	< 0.22	0.39	EB	2.5	EB	
	01/10/03	IA - B	Occupied Sewing Room	1.7	EB	3.5	< 0.75	< 0.64	< 0.041	1.2		< 0.064	< 0.13	< 0.21	0.42	EB	1.1	EB	
	01/10/03	SS - A		< 61	J	4,000	J	520	J	140	J	23	J	200	J	69	J	31	J
	01/10/03	SS - A Dup		1.6	JEB	200	J	23	J	0.083	J	32	J	3.2	J	2.7	JEB	1	JEB
	01/10/03	SS - B		< 56		13,000	1,400	< 130	< 21	1,400		230	390	< 22	240		< 29		
Commercial 002	01/14/03	AA		< 0.17	0.14	0.1	< 0.5	< 0.032		0.02	EB	< 0.05	< 0.1	< 0.17	0.65	EB	0.86	EB	
	01/14/03	IA	Finished Office Area	< 0.23	23	1.5	< 0.66	< 0.043		2.8		0.20	< 0.13	< 0.22	0.67	EB	0.57	JEB	
	1/14/03	LAB DUP	Hallway	< 0.2	23	1.6	< 0.66	< 0.043		2.8		0.20	< 0.13	< 0.22	0.69		0.63		
	01/14/03	SS		< 230	31,000	1,300	< 540	< 87	J	2,800		300	180	< 90	260		< 120		
Commercial 002	01/14/03	IA	Lunch / Break Room	0.3	EB	28	0.98	< 0.68	< 0.044	4.5		0.14	< 0.14	< 0.22	0.77	EB	0.59	JEB	
	01/14/03	SS		56	7,300	95	< 100	< 16	J	1,100		40	< 26	< 17	48		< 22		
	1/14/03	LAB DUP		56	7,400	94	< 100	< 16	J	1,100		39	< 26	< 17	48		< 22		
Residential 005	01/10/03	IA	Storage Basement	3.0	0.31	< 0.14	< 0.7	< 0.045		0.45	EB	< 0.07	< 0.14	< 0.23	0.41	EB	14		
	01/10/03	SS		1.8	EB	540	< 0.45	< 2.2	< 0.16	310		< 0.22	< 0.46	< 0.75	2.8	EB	< 2		
Residential 006	01/10/03	AA		0.73	EB	0.19	< 0.12	< 0.62	< 0.04	0.29	EB	< 0.062	< 0.13	< 0.21	0.4	EB	0.85	EB	
	01/10/03	AA - Dup	Grade-level Vehicle	0.71	EB	0.17	< 0.12	< 0.58	< 0.037	0.25	EB	< 0.058	< 0.12	< 0.19	0.41	EB	0.94	EB	
	01/10/03	IA	Garage	0.58	EB	0.21	< 0.13	< 0.65	< 0.042	0.28	EB	< 0.065	< 0.13	< 0.22	0.4	EB	1.1	EB	
	01/10/03	SS		2.1	EB	260	0.32	< 1.4	0.19	210		< 0.14	< 0.28	< 0.46	3.3	EB	< 1.2		
Residential 007	01/10/03	AA		0.65	EB	0.20	< 0.13	< 0.64	< 0.041	0.3	EB	< 0.064	< 0.13	< 0.21	0.38	EB	0.83	EB	
	01/10/03	IA	Storage Basement	0.69	EB	1.2	< 0.13	< 0.65	< 0.042	1.2		< 0.065	< 0.13	< 0.22	0.38	EB	1.4	EB	
	01/10/03	SS		2.8	EB	780	< 0.65	< 3.2	< 0.21	330		< 0.32	< 0.66	< 1.1	3	EB	< 2.8		
Residential 008	01/10/03	IA		0.56	EB	8.0	< 0.15	< 0.77	< 0.05	1.6		< 0.077	< 0.16	< 0.26	0.4	EB	0.98	EB	
	01/10/03	SS	Basement Boiler Room	23	6,100	160	< 53	< 8.5		920		65	27	< 8.8	26		< 12		
Residential 009	01/10/03	IA		0.7	EB	0.42	< 0.15	< 0.74	< 0.048	1.4		< 0.074	< 0.15	< 0.24	0.39	EB	1.1	EB	
	01/10/03	SS	Storage Basement	1.1	JEB	650	0.89	< 3.2	< 0.2	2.50		< 0.32	0.69	< 1	2.4	EB	< 2.8		
	01/10/03	SS - Dup		< 1.1	630	0.87	< 3.2	< 0.21		240		< 0.32	0.68	< 1.1	2.3	EB	< 2.8		
Residential 010	01/08/03	AA		< 0.2	0.18	< 0.12	< 0.58	< 0.037		0.22	EB	< 0.058	< 0.12	< 0.19	0.38	EB	0.91	EB	
	01/08/03	IA	Storage Basement	< 0.22	4.2	0.22	< 0.65	< 0.086		1.2		< 0.065	< 0.13	< 0.22	0.39	EB	1.7	EB	
	01/08/03	SS		< 6.3	1200	7.8	< 15	< 2.4	J	230		< 3.7	< 3.8	< 2.4	7.1		< 3.2		



8976 Wellington Road
Manassas, VA 20110

October 2, 2003

William E. Wertz, Ph.D.
Chief, Engineering Geology Section
New York State Department of Environmental Conservation
Bureau of Solid Waste and Corrective Action
625 Broadway
Albany, New York 12233-7258

Re: Former Endicott Site Indoor Air Test Data

Dear Dr. Wertz:

In our meeting of Sept. 12 in Endicott, we discussed several topics including your request for a copy of on-site VOC indoor air test results that IBM conducted 2002, before the site was sold to Huron/EIT.

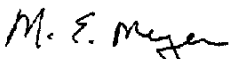
Enclosed with this letter, please find a table containing the requested test results. Representative indoor air samples were collected at twenty-two separate locations from sixteen on-site buildings with a wide range of uses. These samples were collected at the lowest occupied level and in one case included an unoccupied basement chemical support area (18-0).

All test results are significantly below the applicable OSHA work place standards.

The highest detected VOCs were found in a manufacturing building that also contains a variety of site and manufacturing chemical support systems. The highest single reading of VOC involved 1,1,1-trichloroethane (TCA) which was measured in Building 18-0, a basement area that contains chemical storage tanks and related site infrastructure support equipment. Equipment in this area also conveys extracted groundwater to the on-site EIT/Huron industrial wastewater treatment facility.

Should you have any questions or wish to discuss this data, please do not hesitate to contact me.

Sincerely,


Mitchell E. Meyers
Program Manager

cc: Robert Denz, Broome County Health Department
G. Litwin, NYDOH - Troy
Robert Knizek, NYSDEC - Albany
M. J. Peachy, NYDEC - Syracuse
Denise Radtke, NYSDEC - Albany

TABLE 1
Summary of Indoor and Ambient Air Analyses
IBM -Endicott Facility
Endicott, NY

ANALYTE	OSHA (PEL) (ug/m ³)	INDOOR AIR - (Building No. / Floor-Location / Function)														
		4			14		18		21	22		28		32	40	
		1	1 - East	1 - West	0 - North	0 - South	1 - East	1 - North	1 - North	1-South	1 - North	1-North (Dup)	1	1 - North	1 - South	
		Office/Lab	Office/Lab	Office/Lab	Mfg.	Mfg.	Mfg.	Lab/Mfg.	Office/Lab	Office/Lab	Office/Mfg.	Office/Mfg.	Office/Lab	Office	Office	
Tetrachloroethene	6.78E+05	<6.3	<5.6	<5.9	16	13	<6.3	<5.8	<6.6	<5.9	<5.9	<5.9	<5.8	<6.4	<5.8	
Trichloroethene	5.37E+05	<5.0	<4.4	<4.7	9.7	55	<5.0	<4.6	<5.2	<4.7	<4.7	<4.7	<4.6	<5.1	<4.6	
Dichloroethene (cis-1,2-)		<3.7	<3.2	<3.4	4.7	17	<3.7	<3.4	<3.8	<3.4	<3.4	<3.4	<3.4	<3.8	<3.4	
Dichloroethene (trans-1,2-)		<15	<13	<14	<13	<15	55	<14	<15	<14	<14	<14	<14	<15	<14	
Dichloroethene (1,1-)		<3.7	<3.2	<3.4	<3.2	8.1	<3.7	<3.4	<3.8	<3.4	<3.4	<3.4	<3.4	<3.8	<3.4	
Vinyl chloride	2.56E+03	<2.4	<2.1	<2.2	<2.1	5.4	<2.4	<2.2	<2.5	<2.2	<2.2	<2.2	<2.2	<2.4	<2.2	
Trichloroethane (1,1,1-)	1.90E+06	<5.1	<4.5	<4.7	130	660	<5.1	<4.6	<5.3	<4.7	<4.7	<4.7	<4.6	<5.2	<4.6	
Dichloroethane (1,2-)	2.03E+05	<3.8	<3.3	<3.5	<3.3	<3.9	<3.8	<3.4	<3.9	<3.5	<3.5	<3.5	<3.4	<3.8	<3.4	
Dichloroethane (1,1-)	4.00E+05	<3.8	<3.3	<3.5	<3.3	9.4	<3.8	<3.4	<3.9	<3.5	<3.5	<3.5	<3.4	<3.8	<3.4	
Chloroethane	2.60E+06	<2.4	<2.2	<2.3	<2.2	<2.6	<2.4	<2.2	<2.6	<2.3	<2.3	<2.3	<2.2	<2.5	<2.2	
Methylene chloride	8.68E+04	3.7	<2.8	<3.0	3.0	4.0	<3.2	<3.0	6.6	3.9	<3.0	<3.0	5.1	3.4	3.0	
Benzene	3.19E+03	<3.0	<2.6	<2.8	<2.6	<3.1	<3.0	<2.7	<3.1	<2.8	<2.8	<2.8	<2.7	<3.0	<2.7	
Trichloro-1,2,2 trifluoroethane (1,1,2-)	7.60E+06	<7.1	<6.3	<6.7	<6.3	34	<7.1	<6.5	<7.4	<6.7	<6.7	<6.7	<6.5	<7.3	<6.5	

ANALYTE	OSHA (PEL) (ug/m ³)	INDOOR AIR - (Building No. / Floor-Location / Function)											AMBIENT AIR	
		41		42	46		48	57		057a	250	256	2	22
		1 - North	1 - South	1	1- South	1-South (Dup)	1 - South	1	1 (Dup)	1	1	1	Roof	Roof
		Mfg.	Mfg.	Cafeteria/ Office	Mfg.	Mfg.	Storage	Storage/Mfg.	Storage/Mfg.	Storage	Office	Office		
Tetrachloroethene	6.78E+05	<6.6	<6.4	<5.8	<6.4	<6.6	<5.9	<6.3	<5.9	<5.9	<6.3	<6.4	<6.0	<6.6
Trichloroethene	5.37E+05	<5.2	<5.1	9.6	5.5	6.0	<4.7	<5.0	<4.7	<4.7	<5.0	<5.1	<4.8	<5.2
Dichloroethene (cis-1,2-)		<3.8	<3.8	<3.4	<3.8	<3.8	<3.4	<3.7	<3.4	<3.4	<3.7	<3.8	<3.5	<3.8
Dichloroethene (trans-1,2-)		<15	<15	<14	<15	<15	<14	<15	<14	<14	<15	<15	<14	<15
Dichloroethene (1,1-)		<3.8	<3.8	<3.4	<3.8	<3.8	<3.4	<3.7	<3.4	<3.4	<3.7	<3.8	<3.5	<3.8
Vinyl chloride	2.56E+03	<2.5	<2.4	<2.2	<2.4	<2.5	<2.2	<2.4	<2.2	<2.2	<2.4	<2.4	<2.3	<2.5
Trichloroethane (1,1,1-)	1.90E+06	<5.3	5.2	<4.6	<5.2	<5.3	<4.7	<5.1	<4.7	<4.7	<5.1	<5.2	<4.8	<5.3
Dichloroethane (1,2-)	2.03E+05	<3.9	<3.8	<3.4	<3.8	<3.9	<3.5	<3.8	<3.5	<3.5	<3.8	<3.8	<3.6	<3.9
Dichloroethane (1,1-)	4.00E+05	<3.9	<3.8	<3.4	<3.8	<3.9	<3.5	<3.8	<3.5	<3.5	<3.8	<3.8	<3.6	<3.9
Chloroethane	2.60E+06	<2.6	<2.5	<2.2	<2.5	<2.6	<2.3	<2.4	<2.3	<2.3	<2.4	<2.5	<2.3	<2.6
Methylene chloride	8.68E+04	<3.4	<3.3	3.3	3.4	4.1	<3.0	3.5	<3.0	4.0	<3.2	<3.3	<3.1	<3.4
Benzene	3.19E+03	<3.1	<3.0	<2.7	<3.0	<3.1	<2.8	<3.0	<2.8	<2.8	3.1	<3.0	<2.8	<3.1
Trichloro-1,2,2 trifluoroethane (1,1,2-)	7.60E+06	<7.4	<7.3	<6.5	<7.3	<7.4	<6.7	<7.1	<6.7	<6.7	<7.1	<7.3	<6.8	<7.4

NOTES:

- Indoor and ambient air samples were collected by SHA personnel on September 18 and 19, 2002. Air samples represent composite samples collected at approximate breathing zone heights into laboratory-provided, pre-evacuated stainless steel Summa[®] canisters equipped with 8-hour flow restriction valves. Air samples were submitted to Air Toxics LTD of Folsom, California for analysis of volatile organic compounds (VOCs) by modified USEPA Method TO-14.
- All analytical results are presented in units of micrograms per cubic meter (ug/m³).
- "<" = Not detected at a concentration greater than the indicated reporting limit.
- OSHA (PEL) = Occupational Safety and Health Administration - Permissible Exposure Limits.

TABLE 1
Summary of Analytical Laboratory Results
 Core Investigative Area Sampling
 Groundwater Vapor Project, Endicott, NY

	Sample Date	Sample Type	Indoor Air Sample Location	Analytical Laboratory Results (µg/m ³)																																
				PCE		TCE		cis-1,2-DCE		trans-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL												
Multiuse 002	01/09/03	AA	Storage Basement	0.31	EB	0.16	<	0.12	<	0.59	<	0.038	0.29	EB	<	0.059	<	0.12	<	0.2	0.4	EB	0.7	EB												
	01/08/03	IA		0.62	JEB	26	J	2.1	J	<	0.56	<	0.036	15	J	<	0.54	J	1.5	J	<	0.19	3.3	JEB	0.56	EB										
	01/08/03	IA - Dup		0.44	JEB	17	J	1.4	J	<	0.64	<	0.041	10	J	<	0.3	J	0.97	J	<	0.21	1.6	JEB	0.6	EB										
	01/08/03	SS		0.72	EB	390	<	0.32	<	1.6	<	0.30	110	<	0.16	<	0.33	<	0.54	14	<	0.54	1.4	<	1.8	EB										
Residential 011	01/10/03	AA	Finished Storage Basement	0.5		0.17	<	0.11	<	0.57	<	0.037	0.28	EB	<	0.057	<	0.12	<	0.19	0.38	EB	1	EB												
	1/10/03	LAB DUP		0.49		0.15	J	<	0.11	<	0.57	<	0.037	0.27		<	0.057	<	0.12	<	0.19	0.37		0.97												
	01/10/03	IA		0.65	EB	22		0.99	<	0.65	<	0.042	2.4		0.12	0.22	<	0.22	<	0.22	0.56	EB	6.7	EB												
	01/10/03	SS		130		13,000		480	<	120	<	20	1,300		130	140	<	20	170	<	27															
Residential 012	01/14/03	AA	Storage Basement	<	0.21		<	0.12	<	0.61	<	0.039	0.24	EB	<	0.061	<	0.12	<	0.2	0.64	EB	<	0.54												
	01/14/03	IA		<	0.23		<	1.1	<	0.68	<	0.044	2.1		0.25	<	0.16	<	0.22	0.56	EB	<	0.74	EB												
	01/14/03	SS - A		<	56		<	9,200	<	130	<	21	750		110	51	<	22	<	63	<	28	<	28												
	01/14/03	SS - B		<	56		<	10,000	<	480	<	130	980		190	87	<	22	<	81	<	28	<	28												
Multiuse 003	01/10/03	AA	Basement Level Retail Hardware Storage	<	0.74	J	<	0.58	J	<	0.43	J	<	2.2	J	<	0.14	J	<	0.59	J	<	0.22	J	<	0.44	J	<	0.72	J	<	0.84	J	<	1.9	J
	01/10/03	IA		0.55	EB	0.18	<	0.12	<	0.62	<	0.04	1.3		<	0.062	<	0.13	<	0.21	0.4	EB	<	1.3	EB											
	01/10/03	SS - A		990	J	100	J	<	0.66	J	<	3.3	J	<	0.21	J	<	0.67	J	<	0.33	J	<	0.67	J	<	1.1	J	<	140	J	<	2.9	J		
	01/10/03	SS - B		1,000		130	<	3.7	<	15	<	2.4	89	<	3.7	<	3.8	<	2.4	110	<	3.2	<	3.2												
Multiuse 004	01/12/03	AA	Storage Basement	<	0.2		<	0.12	<	0.59	<	0.038	0.28	EB	<	0.059	<	0.12	<	0.2	0.07	EB	<	1.7	EB											
	01/12/03	AA - Dup		<	0.19	<	0.15	<	0.11	<	0.56	<	0.036	0.23	EB	<	0.056	<	0.11	<	0.19	0.68	EB	<	0.49											
	01/12/03	IA		28		65		3.6	<	0.6	<	0.039	70		2.9	8.0	<	0.2	28		1.9	EB														
	01/12/03	IA - Dup		27		65		3.7	<	0.61	<	0.039	72		3.0	8.2	<	0.2	28		0.57	EB														
	01/12/03	SS		5,600		12,000		800	<	110	<	18	6,200		400	290	<	19	4,800	<	25															
Multiuse 005	01/12/03	AA	Storage Basement	<	0.19	<	0.15	<	0.11	<	0.56	<	0.036	0.19	EB	<	0.056	<	0.11	<	0.19	0.63	EB	<	0.49											
	01/12/03	IA		1.6		3.7		0.35	<	0.54	<	0.035	0.62	EB	<	0.054	<	0.11	<	0.18	0.66	EB	<	0.47												
	01/12/03	SS		810	J	1,800	J	89	J	<	22	<	3.5	220	J	<	5.5	7.8	J	<	3.6	14	J	<	4.8											
	01/12/03	SS - Dup		1,300	J	2,700	J	140	J	<	28	<	4.5	330	J	<	7	12	J	<	4.7	23	J	<	6.2											
Multiuse 006	01/13/03	AA	Storage Basement	<	0.24	<	0.19	<	0.14	<	0.7	<	0.045	0.21	EB	<	0.07	<	0.14	<	0.23	0.64	EB	<	0.62											
	1/13/03	LAB DUP		<	0.24	<	0.19	<	0.14	<	0.7	<	0.045	0.22		<	0.07	<	0.14	<	0.23	0.67		<	0.62											
	01/13/03	IA		<	0.22	<	0.75	<	0.13	<	0.64	<	0.041	0.49	EB	<	0.064	<	0.13	<	0.21	0.68	EB	<	0.56											
	01/13/03	IA - Dup		<	0.22	<	0.72	<	0.13	<	0.65	<	0.042	0.48	EB	<	0.065	<	0.13	<	0.22	0.68	EB	<	0.57											
	01/13/03	SS		81		2,900		170	<	32	<	5.2	410	<	8.1	48	<	5.4	27	<	7.1															
Multiuse 007	01/11/03	IA	Storage Basement	3.0		24		2.4	<	0.61	<	0.19	7.4		0.081	0.80	<	0.2	0.7	EB	0.81	EB														
	1/11/03	LAB DUP	2.8		23		2.2	<	0.61	<	0.18	7.3		0.080	0.76	<	0.2	0.69		0.67																
	1/11/03	LAB DUP	130		3,000		320	<	64	<	10	570		20	86	<	10	34	<	14																
	01/11/03	SS	130		3,000		320	<	34	<	5.5	570		21	82	<	5.6	37	<	7.4																
Commercial 003	01/08/03	AA	Boiler / Utility Room Sewer Lift Station Room Basement Reception Area Boiler / Utility Room Sewer Lift Station Room	<	0.2		<	0.33		0.20	<	0.6	<	0.039	0.24	EB	<	0.06	<	0.12	<	0.2	0.68	EB	<	0.53										
	01/08/03	IA - A		1.5	EB	25		6.9	<	0.64	<	0.052	21		0.32	1.7	<	0.21	1.1	EB	1	EB														
	01/08/03	IA - B		0.93	EB	17		5.0	<	0.55	<	0.035	28		0.22	1.2	<	0.18	0.93	EB	0.48	JEB														
	01/08/03	IA - C		1.1	EB	21		5.8	<	0.74	<	0.048	25		0.29	1.4	<	0.24	0.98	EB	<	0.65														
	01/08/03	SS - A		720		8,900		2,400	<	88	<	14	J	1,200		57	450	<	15	56	<	19														
	01/08/03	SS - B		240		7,700		2,000	<	81	<	13	J	1,100		38	440	<	14	39	<	18														
Multiuse 008	01/12/03	AA	Storage Basement	<	0.19	<	0.15	<	0.11	<	0.56	<	0.036	0.15	JEB	<	0.056	<	0.11	<	0.19	0.7	EB	<	0.49											
	01/12/03	IA	<	0.2		3.0	<	0.12	<	0.6	<	0.039	0.24	EB	<	0.06	<	0.12	<	0.2	0.6	EB	<	0.53												
	1/12/03	LAB DUP	<	0.2		3.1	<	0.12	<	0.6	<	0.039	0.24		<	0.6	<	0.12	<	0.2	0.61	EB	<	0.53												
	01/12/03	SS	4.7	EB	540		0.62	<	3.1	<	0.2	42		<	0.31	<	0.64	<	1	2.7	EB	<	2.7													
	01/12/03	AW	<	0.2		3.5	<	0.12	<	0.6	<	0.039	0.2	EB	<	0.06	<	0.12	<	0.2	0.55	EB	<	0.53												
Multiuse 009	01/14/03	AA	Storage Basement	<	0.19	<	0.15	<	0.11	<	0.55	<	0.035	0.15	EB	<	0.055	<	0.11	<	0.18	0.7	EB	<	0.48											
	01/14/03	IA	<	0.22		0.27	<	0.13	<	0.64	<	0.041	0.2	EB	<	0.064	<	0.13	<	0.21	0.68	EB	<	0.56												
	01/14/03	SS	31		200	<	0.18	<	0.89	<	0.057	8.6	<	0.089	<	0.18	<	0.3	0.7	EB	<	0.78														

TABLE 1
Summary of Analytical Laboratory Results
 Core Investigative Area Sampling
 Groundwater Vapor Project, Endicott, NY

	Sample Date	Sample Type	Indoor Air Sample Location	Analytical Laboratory Results (µg/m ³)																					
				PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Cane	Freon 113	MeCL											
Equipment Blanks	1/9/03	EB	Not Applicable	<	0.17	<	0.14	<	0.1	<	0.5	<	0.032	<	0.14	<	0.05	<	0.1	<	0.17	<	0.19	<	0.44
	1/11/03	EB			0.34	<	0.16	<	0.12	<	0.6	<	0.039		0.17	<	0.06	<	0.1	<	0.2		0.73		1.6
	1/14/03	EB		<	0.24	<	0.19	<	0.14	<	0.7	<	0.045	<	0.19	<	0.07	<	0.14	<	0.23	<	0.27	<	0.62

NOTES:
 1. This table is a summary of the findings of the collection and analysis of indoor air, substructure soil vapor, and ambient (outdoor) air at selected structures. The samples were collected by SHA personnel on the dates indicated using laboratory-provided, pre-evacuated stainless steel Summa canisters equipped with 24-hour flow restriction valves. The samples therefore nominally represent 24-hour time integrated air samples. The samples were submitted to Air Toxics LTD of Folsom, California for analysis of volatile organic compounds (VOCs) using gas chromatography and mass spectrometry in accordance with USEPA Compendium Method TO-15. Samples exhibiting low level of VOCs were analyzed via Selective Ion Monitoring (SIM) methods. The analytical results are presented in units of micrograms per cubic meter (µg/m³).

Emboldened values indicate values greater than the laboratory reporting limit.
 "<" denotes that the compound was not detected. The sample and compound-specific laboratory reporting limit reflecting the amount of dilution is posted for comparison among samples.
 Values flagged by the laboratory with a "J" reflect estimated values. As summarized in Note 4, the data have undergone independent data validation as per the Action Plan requirements. The results of independent data validation are shown in **red**.

2. The sample type codes posted in column 3 include: AA = Ambient Air; IA = Indoor Air; SS = Substructure Soil Vapor; AW = Air Well (refers to enclosed void space between two adjacent buildings); EB = Equipment Blank.
 -A, -B, -C = Field-defined location A, B or C in those structures with multiple sampling locations (see Field Sampling Summary for details).
 - Bldg -1, -2 or -3 = Field-defined building identification number on those properties where multiple buildings were sampled (see Field Sampling Summary for details).
 - Dup = Results of duplicate sample collected at specified location.
 - LAB DUP = Laboratory run duplicate sample.

3. Compound Acronym Legend: PCE = Tetrachloroethene, TCE = Trichloroethene, cis-1,2-DCE = cis-1,2-Dichloroethene, trans-1,2-DCE = trans-1,2-Dichloroethene, VC = Vinyl Chloride, 1,1,1-TCA = 1,1,1-Trichloroethane, 1,1-DCE = 1,1-Dichloroethene, 1,1-DCA = 1,1-Dichloroethane, Cane = Chloroethane, Freon 113 = Trichloro-1,2,2-trifluoroethane, and MeCL = Methylene Chloride.

4. The data qualifiers shown in **red** reflect those added as a result of data validation & usability assessment performed by New Environmental Horizons, Inc. (NEH) of Skillman New Jersey. The assessment was performed in accordance with the requirements of the December 30, 2002 Action Plan to assess the data against project data quality objectives for acceptable accuracy, precision, sensitivity, and technical usability. The findings were submitted in data usability assessment reports dated January 31, through February 4, 2003 and were added to the electronic data deliverable from the laboratory, and are reflected in this table. The data was found to be useable for the project objectives, subject to the qualifiers outlined as follows and discussed in greater detail in the report text.

"J" data qualifiers generally reflect imprecision for field duplicate samples (field duplicate imprecision), or duplicates reflecting greater than the Action Plan goal of relative percent difference values ≤ 30% which reflects an indeterminate bias. For the Multiuse 003 indoor air sample, the J flag reflects lab receipt Summa Canister vacuum >15"HG which may be reflected in a low bias for all analytes. For indoor air samples from Commercial 002, Residential 003 and 004, the J flag reflects low continuing calibration recovery for vinyl chloride and may reflect a low bias.

EB* data qualifiers reflect the detection of PCE, 1,1,1-TCA, and Freon 113, and MeCl in one of three equipment blanks created by filling a laboratory-certified canister with ultra high purity nitrogen gas in the field office and transmitting the resultant sample back to the laboratory for analysis with the field samples. Although these detections were only recorded for the blank created on January 11, 2003 and not in the preceding and subsequent blanks on January 9, and 14, 2003, respectively, NEH chose to conservatively flag all of the field sample results (samples collected from January 8 through 14, 2003). Blank detections, imply the possibility of high bias due to contamination of the equipment used in collecting the blank sample or the UHP nitrogen gas.

TABLE 2
Summary of Analytical Laboratory Results
Phase I Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL												
Residential 013	2/14/03	AA		<	0.24	UJ	<	0.19	UJ	<	0.14	UJ	<	0.71	UJ	<	0.046	UJ	<	0.20	J	<	0.071	UJ	<	0.14	UJ	<	0.24	UJ	<	0.61	J	<	0.62	UJ
	2/14/03	AA - Dup		<	0.56	J	<	0.19	UJ	<	0.14	UJ	<	0.69	UJ	<	0.044	UJ	<	0.19	UJ	<	0.069	UJ	<	0.14	UJ	<	0.23	UJ	<	0.68	J	<	0.6	UJ
	2/14/03	IA	Main Basement Room	<	0.24	U	<	0.19	U	<	1.9	U	<	0.7	U	<	0.045	U	<	0.20	U	<	0.07	U	<	0.14	U	<	0.23	U	<	0.49	U	<	4.0	U
	2/14/03	SS-Grab		<	5.0	U	<	47	U	<	470	U	<	12	U	<	1.9	U	<	4.0	U	<	2.9	U	<	3.0	U	<	2.0	U	<	5.7	U	<	2.6	U
	2/15/03	SS		<	2.4	U	<	61	U	<	800	U	<	8.7	U	<	0.34	U	<	6.7	J	<	0.52	U	<	1.5	U	<	1.7	U	<	2.7	EB	<	4.6	U
Commercial 004	2/16/03	AA		<	0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.04	U	<	0.18	J	<	0.062	U	<	0.13	U	<	0.21	U	<	0.67	U	<	0.55	U
	2/16/03	IA	Utility Room	<	0.20	U	<	0.16	U	<	0.12	U	<	0.60	U	<	0.039	U	<	0.22	J	<	0.06	U	<	0.12	U	<	0.20	U	<	0.64	U	<	0.53	U
	2/16/03	SS		<	0.39	EB	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.55	J	<	0.066	U	<	0.13	U	<	0.22	U	<	0.69	J	<	0.58	U
Residential 014	2/12/03	IA	Furnace Room	<	0.26	U	<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.20	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.7	EB	<	1.3	U
	2/12/03	SS		<	1.2	U	<	18	U	<	0.14	U	<	0.69	U	<	0.044	U	<	6.0	U	<	0.069	U	<	0.14	U	<	0.23	U	<	1.8	EB	<	0.60	U
Residential 015	2/12/03	AA		<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	<	0.22	U	<	0.73	EB	<	0.57	U
	2/12/03	AA - Dup		<	0.20	U	<	0.16	U	<	0.12	U	<	0.58	U	<	0.037	U	<	0.16	U	<	0.058	U	<	0.12	U	<	0.19	U	<	0.72	EB	<	0.51	U
	2/12/03	IA	Storage	<	0.69	U	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	2.2	U	<	0.069	U	<	0.14	U	<	0.23	U	<	0.49	EB	<	7.8	U
	2/12/03	IA	Workshop	<	0.26	U	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	<	0.47	U	<	0.072	U	<	0.15	U	<	0.24	U	<	0.68	EB	<	1.6	U
	2/12/03	SS		<	0.50	J	<	2.4	J	<	0.13	UJ	<	0.65	UJ	<	0.042	UJ	<	2.5	J	<	0.065	UJ	<	0.13	UJ	<	0.22	UJ	<	0.54	JEB	<	0.57	UJ
Residential 016	2/14/03	AA		<	0.26	UJ	<	0.20	UJ	<	0.15	UJ	<	0.75	UJ	<	0.048	UJ	<	0.21	UJ	<	0.075	UJ	<	0.15	UJ	<	0.25	UJ	<	0.60	J	<	0.66	UJ
	2/14/03	IA	Main Basement Room	<	4.6	U	<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.31	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.63	U	<	12	U
	2/14/03	SS		<	90	U	<	14	U	<	0.14	U	<	0.70	U	<	0.045	U	<	11	U	<	0.07	U	<	0.14	U	<	0.23	U	<	24	U	<	0.62	U
Residential 017	2/18/03	AA		<	0.18	J	<	0.15	U	<	0.11	U	<	0.54	U	<	0.035	U	<	0.17	U	<	0.054	U	<	0.11	U	<	0.18	U	<	0.65	U	<	0.47	U
	2/18/03	AA - Dup		<	0.36	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.19	U	<	0.065	U	<	0.13	U	<	0.22	U	<	0.69	U	<	0.57	U
	2/18/03	IA	Main Basement Room	<	0.21	U	<	0.17	U	<	0.12	U	<	0.61	U	<	0.039	U	<	0.17	U	<	0.061	U	<	0.12	U	<	0.20	U	<	0.62	U	<	0.52	J
	2/18/03	SS		<	1.5	J	<	0.52	J	<	0.15	UJ	<	0.75	UJ	<	0.048	UJ	<	1.1	J	<	0.075	UJ	<	0.15	UJ	<	0.25	J	<	0.80	J	<	0.66	UJ
Residential 018	2/20/03	AA		<	0.29	U	<	0.23	U	<	0.17	U	<	0.85	U	<	0.055	U	<	0.24	U	<	0.085	U	<	0.17	U	<	0.28	U	<	0.62	U	<	0.75	U
	2/20/03	IA	Main Basement Room	<	1.6	U	<	0.36	U	<	1.8	U	<	0.74	U	<	0.16	U	<	7.9	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.67	U	<	3.1	U
	2/20/03	IA - Lab Dup		<	1.6	U	<	0.35	U	<	1.8	U	<	0.74	U	<	0.19	U	<	7.9	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.68	U	<	3.0	U
	2/20/03	SS		<	56	U	<	80	U	<	660	U	<	33	U	<	2.4	U	<	93	U	<	3.7	U	<	5.6	U	<	2.4	U	<	7.1	U	<	3.2	U
Residential 019	2/12/03	AA		<	0.48	UJ	<	0.38	UJ	<	0.28	UJ	<	1.4	UJ	<	0.091	UJ	<	0.39	UJ	<	0.14	UJ	<	0.29	UJ	<	0.47	UJ	<	0.60	JEB	<	1.2	UJ
	2/12/03	IA	Main Basement Room	<	0.4	U	<	0.52	U	<	0.60	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U	<	0.80	EB	<	1.3	U
	2/12/03	SS		<	39	U	<	120	U	<	9.2	U	<	0.62	U	<	0.04	U	<	2.4	U	<	0.062	U	<	1.8	U	<	0.21	U	<	5.4	U	<	2.2	U
	2/12/03	SS		<	11	U	<	13	U	<	3.5	U	<	0.59	U	<	0.038	U	<	0.56	U	<	0.059	U	<	0.48	U	<	0.20	U	<	3.0	U	<	1.4	U
Residential 020	2/20/2003	AA		<	0.23	UJ	<	0.18	UJ	<	0.14	UJ	<	0.68	UJ	<	0.044	UJ	<	0.21	J	<	0.068	UJ	<	0.14	UJ	<	0.22	UJ	<	0.75	J	<	0.59	UJ
	2/20/2003	AA - Dup		<	0.23	UJ	<	0.18	UJ	<	0.13	UJ	<	0.66	UJ	<	0.043	UJ	<	0.22	J	<	0.066	UJ	<	0.13	UJ	<	0.22	UJ	<	0.66	J	<	0.58	UJ
	2/20/2003	IA	Main Basement Room	<	0.26	U	<	0.74	U	<	0.15	U	<	0.77	U	<	0.050	U	<	0.23	U	<	0.077	U	<	0.16	U	<	0.26	U	<	0.68	U	<	0.67	U
	2/20/2003	SS		<	2.0	U	<	170	U	<	0.48	U	<	0.69	U	<	0.044	U	<	2.1	J	<	0.069	U	<	4.8	U	<	0.23	U	<	7.3	U	<	0.60	U
Residential 021	2/18/03	AA		<	0.19	U	<	0.15	U	<	0.11	U	<	0.57	U	<	0.037	U	<	0.16	U	<	0.057	U	<	0.12	U	<	0.19	U	<	0.66	U	<	0.51	U
	2/18/03	IA	Main Basement Room	<	0.18	U	<	0.14	U	<	0.10	U	<	0.52	U	<	0.034	U	<	0.17	U	<	0.052	U	<	0.11	U	<	0.17	U	<	0.66	U	<	0.46	U
	2/18/03	SS		<	0.27	U	<	0.17	U	<	0.12	U	<	0.61	U	<	0.039	U	<	1.4	U	<	0.061	U	<	0.12	U	<	0.20	U	<	0.56	U	<	0.54	U
Multiuse 010	2/13/03	AA		<	0.18	U	<	0.14	U	<	0.10	U	<	0.51	U	<	0.033	U	<	0.16	U	<	0.051	U	<	0.1	U	<	0.17	U	<	0.63	U	<	0.44	J
	2/13/03	IA	Main Basement Room	<	0.25	U	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	<	0.20	U	<	0.072	U	<	0.15	U	<	0.24	U	<	0.28	U	<	1.8	U
	2/13/03	IA - Lab Dup		<	0.25	U	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	<	0.20	U	<	0.072	U	<	0.15	U	<	0.24	U	<	0.28	U	<	1.7	U
	2/13/03	SS		<	0.42	U	<	13	U	<	0.15	U	<	0.77	U	<	0.05	U	<	1.8	U	<	0.077	U	<	0.16	U	<	0.26	U	<	0.70	U	<	1.1	U
Residential 022	2/21/03	AA		<	0.39	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.31	J	<	0.065	U	<	0.13	U	<	0.22	U	<	0.74	U	<	0.6	U
	2/21/03	IA	Main Basement Room	<	0.36	U	<	1.2	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.20	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.28	U	<	0.65	U
	2/21/03	IA - Lab Dup		<	0.39	U	<	0.91	U	<	0.14	U	<	0.72	U	<	0.046	U	<	0.48	U	<	0.072	U	<	0.15	U	<	0.24	UJ	<	0.44	U	<	0.84	U
	2/21/03	SS		<	1.0	U	<	94	U	<	0.15	U	<	0.77	U	<	0.05	U	<	4.2	J	<	0.07													

TABLE 2
Summary of Analytical Laboratory Results
Phase I Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL												
Residential 025	2/15/03	AA		<	0.20	UJ	<	0.16	UJ	<	0.12	UJ	<	0.60	UJ	<	0.039	UJ		0.18	J	<	0.06	UJ	<	0.12	UJ	<	0.20	UJ		0.65	JEB	<	0.53	UJ
	2/15/03	IA - Lab Dup		<	0.25		<	0.20		<	0.15		<	0.74		<	0.048			0.53		<	0.074		<	0.15		<	0.24			0.65		<	0.69	
	2/15/03	IA	Main Basement Room	<	0.25	U	<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U		0.52		<	0.074	U	<	0.15	U	<	0.24	U		0.66	EB	<	0.76	
	2/15/03	SS		<	0.69	J	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U		2.4		<	0.072	U	<	0.15	U	<	0.24	U		0.45	EB	<	0.63	U
Residential 026	2/21/03	AA		<	0.66		<	0.20		<	0.15	U	<	0.54	U	<	0.035	U		0.30	J	<	0.054	U	<	0.11	U	<	0.18	U		0.74		<	1.0	
	2/21/03	IA	Main Basement Room	<	0.56		<	0.21	U	<	0.15	U	<	0.77	U	<	0.05	U		0.35	J	<	0.077	U	<	0.16	U	<	0.26	U		0.72		<	3.1	
	2/21/03	SS		<	1.1		<	0.23	U	<	0.17	U	<	0.85	U	<	0.055	U		0.68		<	0.085	U	<	0.17	U	<	0.28	U		0.88		<	0.75	U
	2/21/03	SS - Lab Dup		<	1.1		<	0.23	U	<	0.17	U	<	0.85	U	<	0.055	U		0.71		<	0.085	U	<	0.17	U	<	0.28	U		0.92		<	0.75	U
Residential 027	2/20/03	AA		<	0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.04	U		0.18		<	0.062	U	<	0.13	U	<	0.21	U		0.62		<	0.55	U
	2/20/03	IA	South Side of Basement	<	0.25	U	<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.20	U	<	0.074	U	<	0.15	U	<	0.24	U		0.64		<	0.65	U
	2/20/03	SS		<	0.61		<	2.1		<	0.21	U	<	1.0	U	<	0.067	U		2.1		<	0.01	U	<	0.21	U	<	0.35	U		0.69		<	0.91	U
Residential 028	2/18/03	IA	Main Basement Room	<	4.8		<	0.19	U	<	0.14	U	<	0.70	U		0.34			0.38		<	0.07	U	<	0.14	U	<	0.23	U		0.82		<	0.64	
	2/18/03	IA - Lab Dup		<	3.8		<	0.19		<	0.14		<	0.70			0.27			0.31		<	0.07		<	0.14		<	0.23			0.61		<	0.62	
	2/18/03	SS		<	1.1	J	<	2.2		<	0.22		<	0.55	U		0.038			1.3		<	0.055	U	<	0.11	U		0.24			1.2		<	0.48	U
Commercial 006	2/20/03	AA		<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	<	0.22	U		0.64		<	0.57	U
	2/20/03	IA	Main Room of Building	<	0.19	J	<	0.61		<	0.11	U	<	0.55	U	<	0.035	U		0.57		<	0.055	U	<	0.11	U	<	0.18	U		0.79		<	0.84	
Residential 029	2/17/03	AA		<	0.20	U	<	0.16	U	<	0.12	U	<	0.60	U	<	0.039	U		0.19		<	0.06	U	<	0.12	U	<	0.20	U		0.73		<	0.53	U
	2/17/03	IA	Main Basement Room	<	0.32	U	<	0.25	U	<	0.18	U	<	0.93	U	<	0.06	U	<	0.26	U	<	0.093	U	<	0.19	U	<	0.31	U		0.68		<	0.81	U
	2/17/03	SS		<	0.48		<	0.76		<	0.14	U	<	0.68	U	<	0.044	U		0.89		<	0.068	U	<	0.14	U	<	0.22	U		0.68		<	0.59	U
Commercial 007	2/20/2003	AA		<	0.24	U	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U		0.34		<	0.070	U	<	0.14	U	<	0.23	U		0.61		<	0.62	U
	2/20/2003	IA - A	Boiler Room - Basement	<	0.25	U	<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U		1.2		<	0.074	U	<	0.15	U	<	0.24	U		0.60		<	0.65	U
	2/20/2003	IA - B	Exam Room	<	0.28	U	<	0.22	U	<	0.17	U	<	0.83	U	<	0.054	U		1.6		<	0.083	U	<	0.17	U	<	0.28	U		0.66		<	1.0	
	2/20/2003	IA - Lab Dup		<	0.28	U	<	0.22	U	<	0.17	U	<	0.83	U	<	0.054	U		1.6		<	0.083	U	<	0.17	U	<	0.28	U		0.66		<	1.0	
	2/20/2003	SS		<	0.24	U	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U		2.4		<	0.069	U	<	0.14	U	<	0.23	U		0.65		<	0.60	U
Residential 030	2/19/2003	AA		<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.24		<	0.065	U	<	0.13	U	<	0.22	U		0.70		<	1.1	EB
	2/19/2003	IA	Utility Room	<	0.34		<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U		1.0		<	0.074	U	<	0.15	U	<	0.24	U		0.63		<	0.65	U
	2/19/2003	SS		<	390	J	<	1.8	J	<	0.26	U	<	1.3	U	<	0.084	U		1.6	J	<	0.13	U	<	0.26	U	<	0.43	U		0.94	J	<	1.1	U
	2/19/2003	SS - Dup		<	380	J	<	1.8	J	<	0.37	J	<	1.4	U	<	0.094	U		1.7	J	<	0.14	U	<	0.30	U	<	0.48	U		1.1	J	<	1.3	U
Residential 031	02/22/03	AA		<	0.58		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.32		<	0.065	U	<	0.13	U	<	0.22	UJ		0.57		<	1.9	
	02/22/03	IA	Main Basement Room	<	0.69		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.32		<	0.068	U	<	0.14	U	<	0.22	UJ		0.52		<	2.0	
	02/22/03	SS		<	5.3		<	5.4		<	0.11	U	<	0.55	U	<	0.035	U		1.1		<	0.055	U	<	0.11	U	<	0.18	UJ		0.62		<	0.79	
Residential 032	2/15/03	AA		<	0.30	UJ	<	0.24	UJ	<	0.17	UJ	<	0.87	UJ	<	0.056	UJ		0.54	J	<	0.087	UJ	<	0.18	UJ	<	0.29	UJ		0.64	JEB	<	0.77	UJ
	2/15/03	AA - Lab Dup		<	0.30		<	0.24		<	0.17		<	0.87		<	0.056			0.54		<	0.087		<	0.18		<	0.29			0.62		<	0.77	
	2/15/03	IA	Main Basement Room	<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.47	J	<	0.068	U	<	0.14	U	<	0.22	U		0.65	EB	<	0.59	U
	2/15/03	SS		<	2.3		<	0.52	EB	<	0.14	U	<	0.68	U	<	0.044	U		5.7	J	<	0.068	U	<	0.14	U	<	0.22	U		0.6	EB	<	0.59	U
Residential 033	2/18/03	AA		<	0.21	UJ	<	0.17	UJ	<	0.12	UJ	<	0.62	UJ	<	0.04	UJ		0.19	J	<	0.062	UJ	<	0.13	UJ	<	0.21	UJ		0.64	J	<	0.55	UJ
	2/18/03	IA	Main Basement Room	<	0.23	U	<	0.18	U	<	0.30		<	0.66	U	<	0.043	U		0.2		<	0.066	U	<	0.13	U	<	0.22	U		0.67		<	0.58	U
	2/18/03	SS		<	0.32		<	0.21	U	<	0.15	U	<	0.77	U	<	0.05	U		0.28		<	0.077	U	<	0.16	U	<	0.26	U		0.74		<	0.67	U
Multiuse 011	2/20/2003	AA		<	0.21	UJ	<	0.17	UJ	<	0.12	U	<	0.61	U	<	0.039	U		0.42		<	0.061	U	<	0.12	U	<	0.20	U		0.49		<	0.76	
	2/20/2003	AA - Dup		<	4.6	J	<	0.61	J	<	0.11	J	<	0.57	U	<	0.037	U		0.46		<	0.057	U	<	0.12	U	<	0.19	U		0.55		<	0.99	
	2/20/2003	IA	Basement Storage Room	<	0.37		<	0.94		<	0.25		<	0.65	U	<	0.042	U		0.78		<	0.072	U	<	0.13	U	<	0.22	U		0.55		<	0.91	
	2/20/2003	SS		<	680		<	6,900		<	1,000		<	55	U	<	8.9	U		2,600		<	430		<	420		<	9.2	U		460		<	12	U
	2/20/2003	SS - Dup		<	640		<	6,600		<	970		<	53	U	<	8.5	U		2,500		<	420		<	400		<	8.8	U		440		<	12	U
Residential 034	2/19/03	AA		<	0.23	U	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U		0.22		<	0.066	U	<	0.13	U	<	0.22	U		0.63		<	0.64	EB
	2/19/03	IA	Main Basement Room	<	0.24	U	<	3.0		<	0.14	U	<	0.69	U	<																				

TABLE 2
Summary of Analytical Laboratory Results
Phase I Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																	
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL													
Residential 038	2/16/03	AA	Main Basement Room	<	0.18	UJ	<	0.15	UJ	<	0.11	UJ	<	0.54	UJ	<	0.035	UJ	<	0.17	J	<	0.054	UJ	<	0.11	UJ	<	0.18	UJ	<	0.65	J	<	0.47	UJ	
	2/16/03	IA		<	2.1	EB	<	11	J	<	0.31	U	<	0.69	U	<	0.044	U	<	2.5	J	<	0.11	U	<	0.14	U	<	0.23	U	<	0.68	U	<	1.6	J	
	2/16/03	IA - Dup		<	1.8	EB	<	7.5	J	<	0.12	U	<	0.60	U	<	0.039	U	<	1.6	J	<	0.075	U	<	0.12	U	<	0.20	U	<	0.62	U	<	3.6	J	
	2/16/03	IA - Lab Dup		<	7.8	U	<	7.8	U	<	0.12	U	<	0.60	U	<	0.039	U	<	1.7	U	<	0.08	U	<	0.12	U	<	0.20	U	<	0.64	U	<	3.8	U	
	2/16/03	SS		<	100	J	<	1,900	J	<	38	J	<	26	UJ	<	4.2	UJ	<	290	J	<	20	J	<	12	J	<	4.3	UJ	<	12	UJ	<	5.7	UJ	
Institutional 003	2/12/03	AA	Boiler Room, Level Beneath Main Basement Near South End of Building	<	0.60	U	<	0.19	U	<	0.14	U	<	0.7	U	<	0.045	U	<	0.22	U	<	0.07	U	<	0.14	U	<	0.23	U	<	0.70	EB	<	0.82	U	
	2/12/03	IA-A		<	4.0	U	<	4.8	U	<	0.24	U	<	0.68	U	<	0.044	U	<	0.94	U	<	0.068	U	<	0.14	U	<	0.22	U	<	0.67	EB	<	1.0	U	
	2/12/03	IA-B		<	1.0	J	<	2.0	J	<	0.13	UJ	<	0.66	UJ	<	0.043	UJ	<	0.53	J	<	0.066	UJ	<	0.13	UJ	<	0.22	UJ	<	0.69	JEB	<	3.8	J	
	2/12/03	SS-A		<	3,500	U	<	1,900	U	<	61	U	<	30	U	<	4.8	U	<	160	U	<	7.5	U	<	7.7	U	<	5.0	U	<	14	U	<	6.6	U	
	2/12/03	SS-B		<	130	U	<	740	U	<	7.5	U	<	3.3	U	<	0.21	U	<	200	U	<	0.70	U	<	3.2	U	<	1.1	U	<	3.0	EB	<	2.9	U	
Residential 039	2/12/03	IA	Building 2	<	1.5	U	<	5.3	U	<	0.15	U	<	0.74	U	<	0.048	U	<	1.1	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.68	EB	<	0.93	U	
	2/12/03	AA	Main Basement Room	<	0.26	U	<	0.21	U	<	0.15	U	<	0.77	U	<	0.05	U	<	0.21	U	<	0.077	U	<	0.16	U	<	0.26	U	<	0.64	EB	<	0.67	U	
	2/12/03	IA		<	3.2	U	<	21	U	<	0.47	U	<	0.59	U	<	0.038	U	<	2.0	U	<	0.059	U	<	0.12	U	<	0.20	U	<	0.67	EB	<	1.7	U	
	2/12/03	SS		<	320	J	<	3,800	J	<	54	J	<	44	UJ	<	7.1	UJ	<	200	J	<	13	J	<	11	UJ	<	7.3	UJ	<	21	UJ	<	9.6	UJ	
2/18/03	AA	<		0.32	U	<	0.21	U	<	0.16	U	<	0.79	U	<	0.051	U	<	0.23	U	<	0.079	U	<	0.16	U	<	0.26	U	<	0.80	U	<	0.69	U		
Residential 040	2/18/03	IA	Main Basement Room	<	0.38	J	<	21	J	<	0.34	J	<	0.66	UJ	<	0.043	UJ	<	1.2	J	<	0.066	UJ	<	0.13	UJ	<	0.22	UJ	<	0.64	J	<	0.58	UJ	
	2/18/03	IA - Dup		<	0.53	U	<	22	U	<	0.16	J	<	0.70	U	<	0.045	U	<	1.3	U	<	0.07	U	<	0.14	U	<	0.43	U	<	0.65	U	<	1.8	U	
	2/18/03	SS		<	23	U	<	5,700	U	<	140	U	<	54	U	<	8.7	U	<	99	U	<	14	U	<	14	U	<	9.0	U	<	26	U	<	20	U	
	2/19/03	AA		<	0.21	U	<	0.16	U	<	0.12	U	<	0.59	U	<	0.038	U	<	0.21	U	<	0.059	U	<	0.12	U	<	0.20	U	<	0.68	U	<	0.52	U	
Residential 041	2/19/03	IA	Finished Basement Room	<	0.81	U	<	2.4	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.42	U	<	0.07	U	<	0.14	U	<	0.23	U	<	0.43	U	<	0.62	U	
	2/19/03	SS	<	12	U	<	2,500	U	<	6.9	U	<	28	U	<	4.4	U	<	91	U	<	6.9	U	<	7.0	U	<	4.6	U	<	13	U	<	6.0	U		
	02/21/03	AA - Dup	<	0.46	U	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.28	J	<	0.064	U	<	0.13	U	<	0.21	U	<	0.72	U	<	0.76	U		
Residential 042	02/21/03	AA	Main Basement Room	<	0.42	U	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.28	J	<	0.064	U	<	0.13	U	<	0.21	U	<	0.66	U	<	1.3	U	
	02/21/03	IA		<	0.83	U	<	0.23	U	<	0.17	U	<	0.85	U	<	0.055	U	<	1.2	J	<	0.085	U	<	0.17	U	<	0.28	U	<	0.77	U	<	0.96	U	
	02/21/03	SS		<	0.54	U	<	0.15	U	<	0.11	U	<	0.55	U	<	0.035	U	<	1.4	J	<	0.055	U	<	0.11	U	<	0.18	U	<	1.2	U	<	0.48	U	
	02/21/03	1/a		<	0.65	U	<	-	U	<	-	U	<	-	U	<	-	U	<	1.2	U	<	-	U	<	-	U	<	-	U	<	1.6	U	<	0.65	U	
Residential 043	2/16/03	AA	Main Basement Room	<	1.1	EB	<	0.17	U	<	0.12	U	<	0.61	U	<	0.039	U	<	0.32	U	<	0.061	U	<	0.12	U	<	0.20	U	<	0.65	U	<	0.54	U	
	2/16/03	IA		<	0.20	U	<	0.16	U	<	0.12	U	<	0.60	U	<	0.039	U	<	0.30	U	<	0.06	U	<	0.12	U	<	0.20	U	<	0.63	U	<	0.53	U	
	2/16/03	SS		<	0.43	EB	<	0.41	U	<	0.14	U	<	0.68	U	<	0.044	U	<	2.6	U	<	0.068	U	<	0.14	U	<	0.22	U	<	0.81	U	<	1.3	U	
Multiuse 012	2/19/03	AA	Main Basement Room	<	0.27	U	<	0.74	U	<	0.16	U	<	0.79	U	<	0.051	U	<	0.22	U	<	0.079	U	<	0.16	U	<	0.26	U	<	0.43	U	<	0.88	EB	
	2/19/03	IA		<	0.27	U	<	0.21	U	<	0.16	U	<	0.79	U	<	0.051	U	<	0.26	U	<	0.079	U	<	0.16	U	<	0.26	U	<	0.46	U	<	13	U	
	2/19/03	SS		<	1.3	U	<	1.1	U	<	0.16	U	<	0.79	U	<	0.051	U	<	5.3	U	<	0.079	U	<	0.16	U	<	0.26	U	<	0.66	U	<	0.69	U	
Multiuse 013	2/20/2003	AA	Main Basement Room	<	0.24	U	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.32	U	<	0.069	U	<	0.14	U	<	0.23	U	<	0.52	U	<	1.1	U	
	2/20/2003	IA		<	0.22	U	<	0.25	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.35	J	<	0.065	U	<	0.13	U	<	0.22	U	<	0.71	U	<	0.57	U	
	2/20/2003	SS		<	1.1	U	<	5.0	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.86	J	<	0.069	U	<	0.14	U	<	0.23	U	<	0.79	U	<	0.60	U	
Institutional 004	2/13/03	AA	Location B: Meeting Room - Basement	<	0.21	UJ	<	0.17	UJ	<	0.12	UJ	<	0.62	UJ	<	0.04	J	<	0.17	J	<	0.062	UJ	<	0.13	UJ	<	0.21	UJ	<	0.59	JEB	<	0.63	J	
	2/13/03	IA-B		<	0.27	U	<	34	J	<	1.5	U	<	0.77	U	<	0.05	U	<	2.1	U	<	0.21	U	<	0.16	U	<	0.26	U	<	0.81	EB	<	0.67	U	
	2/13/03	IA-C		Location C: Chapel	<	18	U	<	31	U	<	1.3	U	<	0.69	U	<	0.044	U	<	2.2	U	<	0.19	U	<	0.14	U	<	0.26	U	<	0.84	U	<	0.60	U
	2/12/03	IA - Dup-B		Location B: Meeting Room - Basement	<	0.33	U	<	48	J	<	1.7	U	<	0.69	U	<	0.044	U	<	2.8	U	<	0.27	U	<	0.14	U	<	0.23	U	<	1.2	EB	<	0.60	U
	2/13/03	IA - Lab Dup		<	0.26	U	<	34	U	<	1.5	U	<	0.77	U	<	0.05	U	<	2.1	U	<	0.20	U	<	0.16	U	<	0.26	U	<	0.81	U	<	0.67	U	
	2/13/03	IA - Lab Dup		<	17	U	<	30	U	<	1.2	U	<	0.69	U	<	0.044	U	<	2.1	U	<	0.17	U	<	0.14	U	<	0.27	U	<	0.81	U	<	0.60	U	
Multiuse 014	2/13/03	SS	<	170	U	<	42,000	U	<	1,900	U	<	380	U	<	62	U	<	1,600	U	<	210	U	<	98	U	<	64	U	<	190	U	<	84	U		
	2/13/03	AA	<	0.25	U	<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.20	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.60	U	<	0.98	U		
	2/13/03	IA	Main Basement Room	<	0.41	U	<	10	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.75	U	<	0.074	U	<	0.15	U	<	0.24	U							

TABLE 2
Summary of Analytical Laboratory Results
Phase I Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																		
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL														
Multiuse 015	2/12/03	AA		<	0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.04	U	<	0.17	U	<	0.062	U	<	0.13	U	<	0.21	U				0.64	EB	<	0.55	U
	2/12/03	IA	Main Basement Room	<	0.28	U		1.0		<	0.17	U	<	0.83	U	<	0.054	U	<	0.23	U	<	0.083	U	<	0.17	U	<	0.28	U		0.60	EB	<	0.73	U		
	2/12/03	SS		<	5.8	U		1,000			56		<	14	U	<	2.2	U		54			3.5		<	3.4	U	<	2.2	U	<	6.5	U		3.1			
Residential 045	2/16/03	AA		<	0.19	U	<	0.15	U	<	0.11	U	<	0.56	U	<	0.036	U		0.18	J	<	0.056	U	<	0.11	U	<	0.19	U		0.68		<	0.49	U		
	2/16/03	IA	Main Basement Room		22			0.32		<	0.12	U	<	0.61	U	<	0.039	U		0.32	J	<	0.061	U	<	0.12	U	<	0.20	U		0.70		<	0.54	U		
	2/16/03	SS			11			130			0.14		<	0.68	U	<	0.044	U		37	J	<	0.068	U	<	0.31	U	<	0.22	U		5.9		<	0.59	U		
Multiuse 016	2/20/2003	AA		<	0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.040	U		0.22	J	<	0.062	U	<	0.13	U	<	0.21	U		0.72		<	0.55	U		
	2/20/2003	AA - Lab Dup		<	0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.040	U		0.22	J	<	0.062	U	<	0.13	U	<	0.21	U		0.72		<	0.55	U		
	2/20/2003	IA	Main Basement Room	<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.24	J	<	0.065	U	<	0.13	U	<	0.22	U		0.70		<	0.61	U		
	2/20/2003	SS		<	0.24	U		0.33		<	0.14	U	<	0.69	U	<	0.044	U		3.3	J	<	0.069	U	<	0.14	U	<	0.23	U		1.7		<	0.60	U		
Residential 046	2/20/03	AA		<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.20	J	<	0.068	U	<	0.14	U	<	0.22	U		0.67		<	0.59	U		
	2/20/03	AA - Lab Dup		<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.21	J	<	0.068	U	<	0.14	U	<	0.22	U		0.68		<	0.59	U		
	2/20/03	IA	Main Basement Room	<	0.19	U	<	0.15	U	<	0.11	U	<	0.57	U	<	0.037	U		0.23	J	<	0.057	U	<	0.12	U	<	0.19	U		0.72		<	2.3			
	2/20/03	SS			0.44	J		12	J	<	0.15	U	<	0.75	U	<	0.048	U		2.0	J	<	0.075	U	<	0.34	J	<	0.25	U		2.2	J	<	0.66	U		
Residential 047	02/21/03	AA			0.48	J		0.17	UJ	<	0.12	UJ	<	0.62	UJ	<	0.04	UJ		0.28	J	<	0.062	UJ	<	0.13	UJ	<	0.21	UJ		0.68	J		0.90	J		
	02/21/03	IA	Main Basement Room		0.69		<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U		0.38	J	<	0.074	U	<	0.15	U	<	0.24	U		0.70		<	6.2			
	02/21/03	SS			1.3	J		2.4		<	0.14	U	<	0.68	U	<	0.044	U		8.6	J	<	0.068	U	<	0.14	U	<	0.22	U		1.6		<	1.2			
	02/21/03	SS - Dup			0.85	J		2.5		<	0.12	U	<	0.58	U	<	0.037	U		8.5	J	<	0.058	U	<	0.12	U	<	0.19	U		1.4		<	1.2			
Multiuse 017	2/20/03	AA		<	0.19	U	<	0.15	U	<	0.11	U	<	0.55	U	<	0.035	U	<	0.15	U	<	0.055	U	<	0.11	U	<	0.18	U		0.52		<	0.50			
	2/20/03	IA	Main Basement Room		0.27	J		0.42		<	0.16	U	<	0.81	U	<	0.052	U	<	0.22	U	<	0.081	U	<	0.16	U	<	0.27	U		0.64		<	1.0			
	2/20/03	IA - Dup		<	0.24	U		0.39		<	0.14	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U		0.62		<	0.86			
	2/20/03	IA - Lab Dup		<	0.24	U		0.38		<	0.14	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U		0.65		<	0.83			
	2/20/03	SS			0.66			14			0.40		<	0.62	U	<	0.04	U		7.2		<	0.062	U	<	0.13	U	<	0.21	U		2.8		<	0.74			
	2/20/03	SS - Dup			0.60			11			0.41		<	0.72	U	<	0.045	U		7.3		<	0.07	U	<	0.14	U	<	0.23	U		2.9		<	1.3			
Multiuse 018	2/21/03	AA			0.50		<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U		0.32	J	<	0.072	U	<	0.15	U	<	0.24	U		0.67		<	1.9			
	2/21/03	IA	Main Basement Room		0.54			0.25		<	0.14	U	<	0.68	U	<	0.044	U		0.36	J	<	0.068	U	<	0.14	U	<	0.22	U		0.75		<	1.7			
	2/21/03	SS			36			11			1.5		<	0.75	U	<	0.048	U		3.2	J	<	0.075	U	<	0.15	U	<	0.25	U		2.5		<	0.76			
Commercial 008	2/20/2003	AA			0.52		<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U		0.62		<	0.58	U		
	2/20/2003	IA	Main Basement Room	<	0.22	U		0.50	J	<	0.13	U	<	0.64	U	<	0.041	U	<	0.18	U	<	0.064	U	<	0.13	U	<	0.21	U		2.4	J	<	0.76	J		
	2/20/2003	SS - A			57			6.6		<	0.35	U	<	1.8	U	<	0.11	U		19		<	0.89	U	<	0.36	U	<	0.59	U		530		<	1.5	U		
2/20/2003	SS - B			6,500			150		<	15	U	<	59	U	<	9.5	U		21		<	15	U	<	15	U	<	9.8	U		6,200		<	13	U			
Residential 048	2/18/03	AA		<	0.20	U	<	0.16	U	<	0.12	U	<	0.60	U	<	0.039	U		0.18		<	0.06	U	<	0.12	U	<	0.20	U		0.62		<	0.51	J		
	2/18/03	AA - Lab Dup		<	0.20	U	<	0.16	U	<	0.12	U	<	0.60	U	<	0.039	U		0.18		<	0.06	U	<	0.12	U	<	0.20	U		0.63		<	0.52			
	2/18/03	IA	Main Basement Room	<	0.23	U		0.98		<	0.13	U	<	0.66	U	<	0.043	U		0.21		<	0.066	U	<	0.13	U	<	0.22	U		0.39		<	0.60			
	2/18/03	SS			15			1,400			12		<	13	U	<	2.0	U		60		<	3.2	U	<	3.2	U	<	2.1	U	<	6.2	U	<	2.8	U		
	2/18/03	SS - Dup			15			1,400			12		<	16	U	<	2.5	U		59		<	3.9	U	<	4.0	U	<	2.6	U	<	7.6	U	<	3.5	U		
Residential 049	2/16/03	AA		<	0.17	U	<	0.14	U	<	0.10	U	<	0.50	U	<	0.032	U		0.17		<	0.05	U	<	0.10	U	<	0.17	U		0.64		<	1.7			
	2/16/03	IA	Main Basement Room	<	0.20	U		2.0		<	0.12	U	<	0.60	U	<	0.039	U		0.34	J	<	0.06	U	<	0.12	U	<	0.20	U		0.70		<	0.53	U		
	2/16/03	SS			10	JEB		550	J	<	0.70	UJ	<	3.5	UJ	<	0.23	UJ		46	J	<	0.35	UJ	<	0.72	UJ	<	1.2	UJ	<	1.4	UJ	<	3.1	UJ		
	2/16/03	SS - Dup		<	0.22	UJ		2.0	J	<	0.13	UJ	<	0.65	UJ	<	0.042	UJ		0.32	J	<	0.065	UJ	<	0.13	UJ	<	0.22	UJ		0.7	J	<	0.57	UJ		
	2/16/03	SS - Lab Dup			11			560			0.76		<	0.88	U	<	0.057	U		50		<	0.088	U	<	0.18	U	<	0.44	U		1.1		<	0.77	U		
Residential 050	2/15/03	AA		<	0.19	UJ	<	0.15	UJ	<	0.11	UJ	<	0.57	UJ	<	0.037	UJ		0.18	J	<	0.057	UJ	<	0.12	UJ	<	0.19	UJ		0.66	JEB	<	0.50	UJ		
	2/15/03	IA	Main Basement Room		0.39			0.98	EB	<	0.13	U	<	0.66	U	<	0.043	U		0.27	J	<	0.066	U	<	0.13	U	<	0.22	U		0.66	EB	<	0.58	U		
	2/15/03	SS			940	J		3,800	J	<	14	UJ	<	58	UJ	<	9.3	UJ		350	J	<	14	UJ	<	15	UJ	<	9.6	UJ	<	28	UJ	<	13	UJ		
Multiuse 019	2/13/03	AA		<	0.19	U	<	0.15	U	<	0.11	U	<	0.55	U	<	0.035	U		0.16		<	0.055	U	<	0.11	U	<	0.18	U		0.65		<	0.48	U		

TABLE 2
Summary of Analytical Laboratory Results
Phase I Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																																
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL												
Equipment Blanks	2/11/03	EB		<	0.16	U	<	0.16	U	<	0.095	U	<	0.48	U	<	0.031	U	<	0.13	U	<	0.048	U	<	0.097	U	<	0.16	U	<	0.18	U	<	0.42	U
	2/12/03	EB		<	0.24	U	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U	<	0.50	U	<	0.62	U
	2/13/03	EB		<	0.26	U	<	0.20	U	<	0.15	U	<	0.75	U	<	0.048	U	<	0.21	U	<	0.075	U	<	0.15	U	<	0.25	U	<	0.29	U	<	0.66	U
	2/14/03	EB		<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	<	0.26	U	<	0.59	U
	2/15/03	EB		<	0.25	U	<	0.38	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.20	U	<	0.074	U	<	0.15	U	<	0.24	U	<	0.37	U	<	0.65	U
	02/16/03	EB		<	0.56	U	<	0.13	U	<	0.096	U	<	0.48	U	<	0.031	U	<	0.13	U	<	0.048	U	<	0.098	U	<	0.16	U	<	0.18	U	<	0.42	U
	02/17/03	EB		<	0.20	U	<	0.16	U	<	0.12	U	<	0.58	U	<	0.037	U	<	0.16	U	<	0.058	U	<	0.12	U	<	0.19	U	<	0.22	U	<	0.51	U
	2/19/03	EB		<	0.22	U	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.18	U	<	0.064	U	<	0.13	U	<	0.21	U	<	0.25	U	<	0.54	J
	2/20/03	EB		<	0.20	U	<	0.16	U	<	0.12	U	<	0.60	U	<	0.039	U	<	0.16	U	<	0.06	U	<	0.12	U	<	0.20	U	<	0.23	U	<	0.53	U
	2/21/03	EB		<	0.19	U	<	0.15	U	<	0.11	U	<	0.57	U	<	0.037	U	<	0.16	U	<	0.057	U	<	0.12	U	<	0.19	U	<	0.22	U	<	0.50	U

NOTES:

1. This table is intended to summarize the findings of the collection and analysis of INDOOR air, substructure soil vapor, and ambient (outdoor) air at selected structures. The samples were collected by SHA personnel on the dates indicated using laboratory-provided, pre-evacuated stainless steel Summa canisters equipped with 24-hour flow restriction valves. The samples therefore nominally represent 24-hour time integrated air samples. The samples were submitted to Air Toxics LTD of Folsom, California for analysis of volatile organic compounds (VOCs) using gas chromatography and mass spectrometry in accordance with USEPA Compendium Method TO-15. Samples exhibiting low levels of VOCs were analyzed via Selective Ion Monitoring (SIM) methods. The analytical results are presented in units of micrograms per cubic meter (µg/m³). Emboldened values indicate concentrations greater than the laboratory reporting limit. "<" = denotes that the compound was not detected. The sample and compound-specific laboratory reporting limit reflecting the amount of dilution is posted for comparison among samples. Values flagged with a "J" reflect an estimated value.

2. The Tax Record Use Category Generic ID represents a nominal sample location designation based on the general use category listed in Broome County Tax Map records provided electronically to SHA between September 2002 and March 2003.

3. The sample type codes posted in column 3 include: AA = Ambient Air; IA = Indoor Air; SS = Substructure Soil Vapor, EB = Equipment Blank
-A, -B, -C = Field-defined location A, B or C in those structures with multiple sampling locations (see Field Sampling Summary for details).
-Bldg -1 or -2 = Field-defined building identification number on those properties where multiple buildings were sampled (see Field Sampling Summary for details).
-DUP = Results of duplicate sample collected at specified location.
-LAB DUP = Laboratory run duplicate sample.

4. Compound Acronym Legend: PCE = Tetrachloroethene, TCE = Trichloroethene, cis-1,2-DCE = cis-1,2-Dichloroethene, trans-1,2-DCE = trans-1,2-Dichloroethene, VC = Vinyl Chloride, 1,1,1-TCA = 1,1,1-Trichloroethane, 1,1-DCE = 1,1-Dichloroethene, 1,1-DCA = 1,1-Dichloroethane, Cane = Chloroethane, Freon 113 = Trichloro-1,2,2-trifluoroethane, and MeCL = Methylene Chloride.

5. The data qualifiers shown in red reflect those added as a result of data validation & usability assessment performed by New Environmental Horizons, Inc. (NEH) of Skillman New Jersey. The assessment was performed in accordance with the requirements of the December 30, 2002 Action Plan to assess the data against project data quality objectives for acceptable accuracy, precision, sensitivity, and technical usability. The findings were submitted in data usability assessment reports dated between March 7 and 18, 2003 and added to the electronic data deliverable from the laboratory and are reflected in this table. Laboratory duplicate samples (LAB DUP) were not validated and are shown on this report for reference purposes. The data was found to be useable for the project objectives, subject to the qualifiers outlined as follows and discussed in greater detail in the report text.

"J" data qualifiers generally reflect imprecision for field duplicate samples (field duplicate imprecision), or duplicates reflecting greater than the Action Plan goal of relative percent difference values < 30% which reflects an indeterminate bias. For some ambient air samples (Residential 013, Residential 019, Residential 020, Residential 032, Residential 036 and Institutional 005) as well as substructure soil vapor samples (Residential 015, Residential 017 and Residential 039), the J flag reflects lab receipt Summa Canister vacuum >15"HG which may be reflected in a low bias for all analytes.

"EB" data qualifiers reflect the detection of PCE, TCE, and Freon 113, and MeCL in one or two of ten equipment blanks created by filling a laboratory-certified canister with ultra high purity nitrogen gas in the field office and transmitting the resultant sample back to the laboratory for analysis with the field samples. Blank detections imply the possibility of high bias due to contamination of the equipment used in collecting the blank sample or the UHP nitrogen gas.

TABLE 3
Summary of Analytical Laboratory Results
Phase II Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																												
				PCE	TCE	c-1,2-DCE	t-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Cane	Freon 113	MeCL																		
Residential 051	3/25/2003	AA		0.48	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	0.21	<	0.070	U	<	0.14	U	0.37		0.57	<	0.62	U			
	3/25/2003	IA	On E Wall in Unfinished Portion of Basement	12		2.1		<	0.14	U	<	0.69	U	<	0.044	U	0.61	<	0.069	U	<	0.14	U	0.23	U	0.54	<	0.60	U			
	3/25/2003	SS		10		1,200		<	3.8	U	<	15	U	<	2.4	U	300		13		<	3.8	U	<	2.5	U	<	7.3	U	3.4		
Residential 052	3/28/2003	AA		0.30	<	0.17	U	<	0.12	U	<	0.61	U	<	0.039	U	0.21	<	0.061	U	<	0.12	U	<	0.2	U	0.48		4.7			
	3/28/2003	IA	On Mattress in SE Corner of Basement	1.3		3.1		<	0.46	U	<	0.70	U	<	0.045	U	0.62	<	0.070	U	<	0.14	U	<	0.23	U	0.45		2.7			
	3/28/2003	SS		1.7		22		<	0.49	U	<	0.70	U	<	0.045	U	3.6		0.069	J	<	0.14	U	<	0.23	U	0.54		3.3			
Residential 053	3/18/2003	AA		0.42		0.23		<	0.14	U	<	0.69	U	<	0.044	U	0.25	<	0.069	U	<	0.14	U	<	0.23	U	0.50		0.68			
	3/18/2003	AA-Dup		0.40		0.25		<	0.13	U	<	0.59	U	<	0.038	U	0.26	<	0.059	U	<	0.12	U	<	0.20	U	0.46		0.65			
	3/18/2003	IA	SE Portion of Basement	0.71		8.8		<	0.44	U	<	0.62	U	<	0.040	U	0.98	<	0.062	U	<	0.13	U	<	0.21	U	0.48		2.6			
	3/18/2003	SS		<	25	U	4,500		24		<	58	U	<	9.3	U	460	<	14	U	<	15	U	<	9.6	U	<	28	U	13	U	
Residential 054	3/26/2003	AA		0.26	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	0.27	<	0.070	U	<	0.14	U		0.64		0.59	<	0.62	U		
	3/26/2003	IA	On Stairs by W Wall of Building	0.45		17		<	0.14	U	<	0.70	U	<	0.045	U	2.2	<	0.070	U	<	0.14	U		0.29		0.64	<	0.62	U		
	3/26/2003	SS		20		3,400		<	24	U	<	28	U	<	4.5	U	360		25		<	7.2	U	<	4.7	U	<	14	U	<	6.20	U
	3/26/2003	SS - Lab Dup		18		3,400		<	25	U	<	28	U	<	4.5	U	360		25		<	7.2	U	<	4.7	U	<	14	U	<	6.20	U
Residential 055	3/26/2003	AA		<	0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.04	U	<	0.17	U	<	0.062	U	<	0.13	U	0.48	<	0.55	U	
	3/26/2003	IA	On Shelf in E Portion of Basement	<	0.24	U		<	0.14	U	<	0.69	U	<	0.044	U	0.38	<	0.069	U	<	0.14	U	U	0.23	U	0.52	<	0.60	U		
	3/26/2003	SS		<	1.2	U	530		<	0.69	U	<	3.4	U	<	0.22	U	100	<	0.34	U	<	0.70	U	U	1.1	U	2.5	<	3.0	U	
Residential 056	3/27/2003	AA		<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	0.19	<	0.065	U	<	0.13	U	U	0.22	U	0.56	<	0.57	U
	3/27/2003	IA	On Shelf in SW Portion of Basement	<	0.22	U	2.5		<	0.13	U	<	0.65	U	<	0.042	U	1.1	<	0.065	U	<	0.13	U	U	0.22	U	0.60	<	0.57	U	
	3/27/2003	IA - Dup		0.34		2.7		<	0.13	U	<	0.64	U	<	0.041	U	1.2	<	0.064	U	<	0.13	U	U	0.21	U	0.66	<	0.56	U		
	3/27/2003	SS		<	23	U	3,900		14		<	53	U	<	8.5	U	360		17		<	13	U	<	8.8	U	<	26	U	<	12	U
Residential 057	3/28/2003	AA		0.33	<	0.20	U		0.23		<	0.74	U	<	0.048	U	0.25	<	0.074	U	<	0.15	U	<	0.24	U	0.44		0.69			
	3/28/2003	IA	On Cooler in W-Central Portion of Basement	0.78		9.2		<	0.14	U	<	0.7	U	<	0.045	U	6.1	<	0.070	U	<	0.14	U	<	0.23	U	0.45		0.83			
	3/28/2003	IA	In Closet with Earthen Floor Near SE Corner of Basement	0.62		7.0		<	0.15	U	<	0.74	U	<	0.048	U	3.1	<	0.074	U	<	0.15	U	<	0.24	U	0.48		0.66			
	3/28/2003	SS		<	29	U	5,300		25		<	68	U	<	11	U	460		18		<	17	U	<	11	U	<	33	U	<	15	U
Residential 058	3/28/2003	AA		0.32		0.22		<	0.14	U	<	0.68	U	<	0.044	U	0.25	<	0.068	U	<	0.14	U	<	0.22	U	0.49		0.59	J		
	3/28/2003	IA	On Bar in S End of Finished Portion of Basement	0.29		5.2		<	0.46	U	<	0.69	U	<	0.044	U	0.60	<	0.069	U	<	0.14	U	<	0.23	U	0.44		1.6			
	3/28/2003	SS		1.6		630		<	0.69	U	<	3.4	U	<	0.22	U	44	<	0.34	U	<	0.70	U	<	1.1	U	<	1.3	U	<	3.0	U
Residential 059	3/25/2003	AA		0.36	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	0.19	<	0.065	U	<	0.13	U	<	0.22	U	0.57	<	0.57	U		
	3/25/2003	AA - Dup		0.44	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	0.20	J	<	0.072	U	<	0.15	U	<	0.24	U	0.61		0.62	J	
	3/25/2003	IA	On Bench in Central Portion of Basement	0.76		38		<	0.36	U	<	0.70	U	<	0.14	U	3.1	<	0.070	U	<	0.14	U	<	0.25	U	0.60		39			
	3/25/2003	IA - Dup		0.77		39		<	0.36	U	<	0.70	U	<	0.15	U	3.2	<	0.070	U	<	0.14	U	<	0.26	U	0.60		40			
	3/25/2003	SS		<	47	U	9,700		74		<	110	U	<	18	U	460	<	28	U	<	28	U	<	18	U	<	53.0	U	<	24	U
Residential 060	3/19/2003	AA		0.41		0.19		<	0.14	U	<	0.68	U	<	0.044	U	0.23	<	0.068	U	<	0.14	U	<	0.22	U	0.45		1.1			
	3/19/2003	AA - Dup		0.44	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.22	<	0.068	U	<	0.14	U	<	0.22	U	0.45		0.98			
	3/19/2003	IA	Central Portion of Basement	0.77		0.22		<	0.14	U	<	0.69	U	<	0.044	U	0.24	<	0.069	U	<	0.14	U	<	0.23	U	0.58		3.4			
	3/19/2003	SS		750		2.6		<	0.45	U	<	2.2	U	<	0.14	U	3.6	<	0.22	U	<	0.46	U	<	0.75	U	0.97	<	2.0	U		
	3/19/2003	SS - Dup		730		2.6		<	0.46	U	<	2.3	U	<	0.15	U	3.5	<	0.23	U	<	0.47	U	<	0.76	U	0.87	J	<	2.0	U	
Residential 061	3/21/2003	AA		0.24	EB	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	0.56	<	0.58	U	
	3/21/2003	IA	On Desk in S Portion of Basement	0.47	EB	0.77		<	0.14	U	<	0.70	U		0.056		0.73	<	0.070	U	<	0.14	U	<	0.23	U	0.57		2.8			
	3/21/2003	IA - Dup		0.46	EB	0.71		<	0.14	U	<	0.70	U		0.050		0.71	<	0.070	U	<	0.14	U	<	0.23	U	0.55		2.3			
	3/21/2003	SS		6.7		2.5		<	0.14	U	<	0.70	U	<	0.045	U	9.6	<	0.070	U	<	0.14	U	<	0.23	U	1.2		2.0			

TABLE 3
Summary of Analytical Laboratory Results
Phase II Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL												
Residential 062	3/19/2003	AA	Central Portion of Basement	0.38	<	0.16	U	<	0.12	U	<	0.58	U	<	0.037	U	0.22	<	0.058	U	<	0.12	U	<	0.19	U	0.47		0.90							
	3/19/2003	IA		0.37		0.32		<	0.14	U	<	0.70	U	<	0.045	U	3.0	<	0.070	U	<	0.14	U	<	0.23	U	0.47		16							
	3/19/2003	SS		0.86		270			0.38		<	1.4	U	<	0.089	U	48	<	0.14	U		0.96		<	0.46	U	0.77		2.6							
	3/19/2003	SS - Lab Dup		0.79		250			0.32		<	1.4	U	<	0.089	U	45	<	0.14	U		0.87		<	0.46	U	0.72		2.4							
Residential 063	3/21/2003	AA	NE Portion of Basement	1.6	EB	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	U	<	0.14	U	<	0.22	U	0.52		<	0.59	U	
	3/21/2003	IA		2.0	EB		1.0		<	0.15	U	<	0.74	U	<	0.048	U	0.28	<	0.074	U	U	<	0.15	U	<	0.24	U	0.52		0.79					
	3/21/2003	SS		2.2	EB		570			0.88		<	2.7	U	<	0.18	U	40	<	0.27	U	U	<	0.56	U	<	0.91	U	<	1.0	U	<	2.4	U		
Institutional 006	3/28/2003	AA	On Table in W Portion of Full Basement	0.43		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.20	<	0.068	U	<	0.14	U	<	0.22	U	0.47		0.68						
	3/28/2003	IA		0.36		<	0.20	U		0.86		<	0.72	U	<	0.046	U	0.22	<	0.072	U	<	0.15	U	<	0.24	U	0.49		0.71						
	3/28/2003	SS		1.6		<	0.15	U	<	0.74	U	<	0.048	U	0.92	<	0.074	U	<	0.074	U	<	0.15	U	<	0.24	U	0.49		<	0.65	U				
	3/28/2003	SS		0.37		<	0.18	U		0.22		<	0.65	U	<	0.042	U	0.20	<	0.065	U	<	0.13	U	<	0.22	U	0.49		0.87						
	3/28/2003	SS - Lab Dup		0.35		<	0.18	U		0.21		<	0.65	U	<	0.042	U	0.20	<	0.065	U	<	0.13	U	<	0.22	U	0.46		0.76						
Residential 064	3/29/2003	AA	Near Center of Unfinished Basement	1.5		<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.18	U	<	0.064	U	<	0.13	U	<	0.21	U	0.47		4.3				
	3/29/2003	IA		0.39		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.32	<	0.069	U	<	0.14	U	<	0.23	U	0.42		<	0.60	U				
	3/29/2003	IA - Lab Dup		0.39		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.33	<	0.069	U	<	0.14	U	<	0.23	U	0.41		<	0.60	U				
	3/29/2003	SS		0.63		<	0.30	U	<	0.14	U	<	0.68	U	<	0.044	U	1.1	<	0.068	U	<	0.14	U	<	0.22	U	0.60		<	0.59	U				
	3/29/2003	SS - Dup		0.56		<	0.24	U	<	0.13	U	<	0.66	U	<	0.043	U	1.1	<	0.066	U	<	0.13	U	<	0.22	U	0.59		<	0.58	U				
Residential 065	3/26/2003	AA	On Crate in Central Portion of Basement	0.50		<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.19	<	0.064	U	<	0.13	U		0.66		0.57		<	0.56	U				
	3/26/2003	IA		0.56		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.19	<	0.068	U	<	0.14	U		0.24		0.58		<	0.59	U				
	3/26/2003	SS		3.3		<	0.26	U	<	0.13	U	<	0.65	U	<	0.042	U	2.1	<	0.065	U	<	0.13	U		0.27		0.61		<	0.57	U				
Residential 066	3/20/2003	AA	E Portion of Basement	0.18	U	<	0.14	U	U	<	0.10	U	U	<	0.034	U	0.18	J	<	0.052	U	U	<	0.11	U	U	<	0.17	U	U	0.50	J	4.5	J		
	3/20/2003	IA		1.4		<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	0.70	<	0.066	U	<	0.13	U	<	0.22	U	0.44		47						
	3/20/2003	SS		570	J		0.96	J	<	0.51	U	U	<	2.6	U	U	<	0.16	U	U	2.8	J	<	0.26	U	U	<	0.52	U	U	<	0.85	U	U	0.99	U
Residential 067	3/21/2003	AA	On Shelf in NE Portion of Basement	1.9	EB	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	0.20	<	0.065	U	<	0.13	U	<	0.22	U	0.58		<	0.57	U				
	3/21/2003	IA		2.3	EB	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.27	<	0.069	U	<	0.14	U	<	0.23	U	0.60		<	0.60	U				
	3/21/2003	SS		87		<	0.89	U	<	0.15	U	<	0.74	U	<	0.048	U	58	<	0.086	U	<	0.15	U	<	0.24	U	1.9		<	0.65	U				
Residential 068	3/20/2003	AA	W Portion of Basement	0.37		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	<	0.22	U	0.68		0.60				
	3/20/2003	IA		0.41		<	0.17	U		0.81		<	0.64	U	<	0.041	U	0.84	<	0.064	U	<	0.13	U	<	0.21	U	0.47		3.3						
	3/20/2003	SS		1.1		<	1.7	U	<	0.14	U	<	0.70	U	<	0.045	U	4.9	<	0.070	U	<	0.14	U		0.50		0.71		1.6						
Residential 069	3/21/2003	AA	S Portion of Unfinished Basement	<	0.23	U	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	<	0.26	U	<	0.58	U
	3/21/2003	AA - Dup		<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	<	0.22	U	<	0.25	U	0.86		
	3/21/2003	AA - Lab Dup		<	0.23	U	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	<	0.26	U	<	0.58	U
	3/21/2003	IA		<	0.24	U	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	<	0.23	U	<	0.27	U	<	0.60	U
	3/21/2003	IA - Lab Dup		<	0.24	U	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	<	0.23	U	<	0.27	U	<	0.60	U
Residential 070	3/21/2003	SS		0.53	EB		24		<	0.14	U	<	0.69	U	<	0.044	U	75		0.072		<	0.14	U	<	0.23	U	1.4		<	0.60	U				
	3/25/2003	AA	0.36		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	0.57		<	0.59	U			
	3/25/2003	IA	3.4			39			0.15		<	0.70	U	<	0.045	U	3.7	<	0.070	U	<	0.14	U	<	0.23	U	0.58		2.3							
Residential 071	3/25/2003	SS		47	U		11,000		<	44	U	<	110	U	<	18	U	800	<	28	U	<	28	U	<	18	U	<	53	U	<	24	U			
	3/25/2003	AA	0.40		<	0.19	U	<	0.14	U	<	0.68	U	<	0.044	U	0.82	<	0.068	U	<	0.14	U	<	0.22	U	0.60		<	0.59	U					
	3/25/2003	IA	0.62			7.4		<	0.15	U	<	0.75	U	<	0.048	U	2.6	<	0.075	U	<	0.15	U	<	0.25	U	0.61		0.86							
3/25/2003	SS	120		<	2,500	U	<	6.5	U	<	26	U	<	4.2	U	410	<	12	U	<	6.6	U	<	4.3	U	<	12	U	<	5.7	U					
Commercial 009	3/27/2003	Earthen Crawlspace SS/IA	On Earth Floor Near NE Corner of Building	<	0.22	U		0.31		<	0.13	U	<	0.65	U	<	0.042	U	0.23	<	0.065	U	<	0.13	U	U	<	0.22	U	0.51		<	0.57	U		
Commercial 010	3/18/2003	AA	NE Portion of Basement	0.43		<	0.22	U	<	0.12	U	<	0.6	U	<	0.039	U	0.24	U	<	0.06	U	<	0.12	U	<	0.20	U	0.47	U	0.97					
	3/18/2003	IA		1.4		<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	3.0	U	<	0.066	U	<	0.13	U	<	0.22	U	0.53	U	42					
	3/18/2003	SS		74		<	2.0	U	<	0.21	U	<	1																							

TABLE 3
Summary of Analytical Laboratory Results
Phase II Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL												
Multiuse 021	3/22/2003	AA	On Stairs in Central Portion of Basement	0.48	EB	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	J	<	0.23	U	0.51		0.76			
	3/22/2003	IA		5.4		<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	0.24		<	0.07	U	<	0.14	U	J	<	0.23	U	0.52		0.90				
	3/22/2003	IA - Dup		4.9		<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	0.20		<	0.07	U	<	0.14	U	J	<	0.23	U	0.52		0.97				
	3/22/2003	SS		2,400		<	9.6	U	<	7.0	U	<	28	U	<	4.5	U	<	9.7	U	<	7.0	U	<	7.2	U	<	4.7	U	<	14	U	<	6.2	U	
Commercial 011	3/27/2003	AA	On Wooden Pallet in W-Central Portion of Print Room	0.24		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.20		<	0.068	U	<	0.14	U	<	0.22	U	0.47		0.62					
	3/27/2003	IA		0.71		<	0.14	U	<	0.72	U	<	0.046	U	0.32		<	0.072	U	<	0.15	U	<	0.15	U	<	1.5	U	0.49		0.60		J			
	3/27/2003	SS		1,000		1,400		<	3.5	U	<	14	U	<	2.3	U	220		3.5		J	<	3.6	U	<	2.3	U	10		<	3.1	U				
Multiuse 022	3/27/2003	SS		3.4		85		0.37		<	0.87	U	<	0.056	U	4.0		<	0.087	U	<	0.18	U	<	0.29	U	0.52		<	0.77	U					
	3/18/2003	AA		0.41		0.18		0.13		<	0.58	U	<	0.037	U	0.25		<	0.058	U	<	0.12	U	<	0.19	U	0.43		<	0.79	U					
	3/18/2003	AA - Lab Dup		0.41		0.16		0.12		<	0.58	U	<	0.037	U	0.24		<	0.058	U	<	0.12	U	<	0.19	U	0.46		<	0.83	U					
	3/18/2003	IA	SE Corner of Basement	0.31		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.63		<	0.069	U	<	0.14	U	<	0.23	U	0.45		0.85					
	3/18/2003	IA - Lab Dup		0.35		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.67		<	0.069	U	<	0.14	U	<	0.23	U	0.52		0.93					
Residential 072	3/18/2003	SS		0.64		0.24		<	0.14	U	<	0.70	U	<	0.045	U	1.4		<	0.07	U	<	0.14	U	<	0.23	U	0.47		<	0.62	U				
	3/20/2003	AA		0.23		J	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	0.34		0.6		<	0.6	U		
	3/20/2003	IA	SW Portion of Basement	0.70		0.28		<	0.14	U	<	0.72	U	<	0.046	U	4.1		<	0.072	U	<	0.15	U	<	0.24	U	0.64		1.2						
Residential 073	3/20/2003	SS		2.6		180		<	0.15	U	<	0.73	U	<	0.047	U	13		<	0.073	U	<	0.15	U	<	0.24	U	0.62		<	0.64	U				
	3/28/2003	AA		0.30		<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	0.20		<	0.070	U	<	0.14	U	<	0.23	U	0.45		0.72					
	3/28/2003	AA - Dup		0.58		<	0.18	U	0.22		<	0.68	U	<	0.044	U	0.20		<	0.068	U	<	0.14	U	<	0.22	U	0.46		0.76						
	3/28/2003	IA	In Bedroom in SW Portion of Unfinished Basement	0.39		0.22		0.45		<	0.75	U	<	0.048	U	0.24		<	0.075	U	<	0.15	U	<	0.25	U	0.46		0.67							
	3/28/2003	IA - Lab Dup		0.39		<	0.20	U	0.46		<	0.75	U	<	0.048	U	0.24		<	0.075	U	<	0.15	U	<	0.25	U	0.46		0.66		J				
Commercial 012	3/28/2003	SS		1.8		130		<	0.14	U	<	0.70	U	<	0.045	U	110		<	0.070	U	<	0.14	U	<	0.23	U	0.73		<	0.62	U				
	3/27/2003	AA		<	0.21	U	0.35		<	0.12	U	<	0.61	U	<	0.039	U	<	0.17	U	<	0.061	U	<	0.12	U	J	<	0.20	U	0.55		<	0.54	U	
	3/27/2003	IA	SW Corner of Basement	<	0.24	U	0.28		<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	J	<	0.23	U	0.53		<	0.6	U	
Residential 074	3/27/2003	SS - Grab		0.5		0.72		<	0.14	U	<	0.72	U	<	0.046	U	5.2		<	0.072	U	<	0.15	U	<	0.24	U	0.54		<	0.63	U				
	3/28/2003	AA		0.26		<	0.18	U	0.19		<	0.68	U	<	0.044	U	0.21		<	0.068	U	<	0.14	U	<	0.22	U	0.44		0.76						
	3/28/2003	AA - Lab Dup		0.26		<	0.18	U	0.16		<	0.68	U	<	0.044	U	0.20		<	0.068	U	<	0.14	U	<	0.22	U	0.44		0.63						
	3/28/2003	IA	Central Portion of Basement	0.46		0.20		<	0.14	U	<	0.68	U	<	0.044	U	0.22		<	0.068	U	<	0.14	U	<	0.22	U	0.42		0.62						
	3/28/2003	SS		0.78		8.2		<	0.15	U	<	0.74	U	<	0.048	U	17		<	0.074	U	<	0.15	U	<	0.24	U	1.1		<	0.65	U				
Institutional 007	3/28/2003	SS - Dup		0.93		9.2		<	0.14	U	<	0.69	U	<	0.058	U	17		<	0.069	U	<	0.14	U	<	0.23	U	1.3		<	0.60	U				
	3/21/2003	AA		0.29		EB	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	0.57		0.56		J	
	3/21/2003	IA	Central Portion of Basement	<	0.58	U	16		<	0.34	U	<	1.7	U	<	0.11	U	<	0.46	U	<	0.17	U	<	0.34	U	J	<	0.56	U	<	0.65	U	13		
Residential 075	3/22/2003	SS		0.36		EB	<	0.65	U	<	0.12	U	<	0.62	U	<	0.040	U	1.7		<	0.062	U	<	0.13	U	J	<	0.21	U	1.1		<	0.55	U	
	3/23/2003	AA		0.48		EB	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	J	<	0.23	U	0.59		<	0.60	U
	3/23/2003	IA	Central Portion of Unfinished Basement	0.66		EB	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.070	U	<	0.14	U	J	<	0.23	U	0.84		<	0.62	U
Residential 076	3/23/2003	SS		1.6		EB	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	11		<	0.069	U	<	0.14	U	J	<	0.29	U	0.74		0.59		J	
	3/18/2003	AA		0.44		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.22		<	0.068	U	<	0.14	U	<	0.22	U	0.72		0.56		J			
	3/18/2003	IA	On Table in N Side of Duplex	1.5		0.20		0.33		<	0.69	U	<	0.044	U	0.39		<	0.069	U	<	0.14	U	<	0.29	U	0.75		0.72							
Residential 077	3/18/2003	SS		53		6.6		<	0.14	U	<	0.69	U	<	0.044	U	11		0.46		<	0.14	U	<	0.23	U	0.77		<	0.60	U					
	3/18/2003	AA		23		1.4		<	0.14	U	<	0.69	U	<	0.044	U	0.56		<	0.069	U	<	0.14	U	<	0.28	U	0.54		0.72						
	3/18/2003	IA	Finished Main Basement Room	0.26		0.24		0.70		<	0.70	U	<	0.056	U	4.3		<	0.070	U	<	0.14	U	<	0.23	U	0.46		0.97							
	3/18/2003	IA - Dup		<	0.28	U	0.24		0.60		<	0.83	U	<	0.054	U	4.5		<	0.083	U	<	0.17	U	<	0.28	U	0.48		0.88						
Residential 078	3/18/2003	SS		0.48		0.22		<	0.14	U	<	0.69	U	<	0.044	U	9.2		<	0.069	U	<	0.14	U	<	0.23	U	0.55		<	0.60	U				
	3/27/2003	AA		<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.19		<	0.068	U	<	0.14	U	<	0.22	U	0.47		0.76				
	3/27/2003	IA	Near Center of Unfinished Basement	0.73		7.0		0.45		<	0.68	U	<	0.044	U	1.6		<	0.068	U	<	0.14	U	<	0.22	U	0.47		7.4							
	3/27/2003	SS		<	28	U	6,500		<	16	U	<	65	U																						

TABLE 3
Summary of Analytical Laboratory Results
Phase II Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																														
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL										
Residential 079	3/22/2003	AA	On Shelf in Finished Portion of Basement	1.9	EB	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.21	<	0.069	UJ	<	0.14	U	<	0.23	U	0.53	<	0.60	U			
	3/22/2003	IA		0.74	EB	<	0.36	<	0.14	U	<	0.70	U	<	0.045	U	0.39	<	0.070	UJ	<	0.14	U	<	0.23	U	0.58	<	1.7					
	3/22/2003	SS		0.92	EB	<	63	<	0.13	U	<	0.65	U	<	0.13	U	120	<	0.11	J	<	0.13	U	<	0.22	U	4.6	<	0.57	U				
Residential 080	3/18/2003	AA	N End of Basement	<	0.25	U	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	0.24	<	0.072	U	<	0.15	U	<	0.24	U	0.45	<	0.79			
	3/18/2003	IA		<	0.24	U	<	5.0	<	0.30	<	0.70	U	<	0.045	U	1.3	<	0.07	U	<	0.14	U	<	0.23	U	0.45	<	0.76					
	3/18/2003	SS		<	14	U	<	2,500	<	7.9	U	<	32	U	<	5.1	U	280	<	7.9	U	<	8.1	U	<	5.2	U	15	U	<	6.9	U		
Residential 081	3/27/2003	AA	On Shelf in Central Portion of Basement	<	0.28	U	<	0.22	U	<	0.17	U	<	0.83	U	<	0.054	U	<	0.23	U	<	0.083	U	<	0.17	U	<	0.28	U	0.51	<	0.76	
	3/27/2003	IA		0.40	<	1.1	<	0.14	U	<	0.72	U	<	0.093	<	0.52	<	0.072	U	<	0.15	U	<	0.24	U	0.49	<	1.8						
	3/27/2003	SS		0.62	<	24	<	0.14	U	<	0.70	U	<	0.045	U	11	<	0.07	U	<	0.14	U	<	0.23	U	0.53	<	0.62	U					
Residential 082	3/29/2003	AA	On Shelf in SE Portion of Finished Basement	<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	UJ	<	0.22	U	0.53	<	0.57	U
	3/29/2003	IA		0.86	<	1.8	<	0.14	U	<	0.70	U	<	0.045	U	1.2	<	0.070	U	<	0.14	UJ	<	0.23	U	0.55	<	0.82						
	3/29/2003	IA - Lab Dup		0.84	<	1.8	<	0.14	U	<	0.70	U	<	0.045	U	1.2	<	0.070	U	<	0.14	U	<	0.23	U	0.54	<	0.83						
	3/29/2003	SS		6.4	<	440	<	0.46	U	<	2.3	U	<	0.15	U	24	<	0.23	U	<	0.47	UJ	<	0.76	U	<	0.89	U	<	2.0	U			
Residential 083	3/28/2003	AA	Near Center of Unfinished Basement	0.27	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.22	<	0.064	U	<	0.13	U	<	0.21	U	0.47	<	0.58					
	3/28/2003	IA		1.1	<	1.2	<	0.39	<	0.70	U	<	0.045	U	1.6	<	0.070	U	<	0.14	U	<	0.23	UJ	<	0.44	<	4.1						
	3/28/2003	IA - Dup		1.0	<	1.2	<	0.38	<	0.58	U	<	0.037	U	1.5	<	0.058	U	<	0.12	U	<	0.85	J	<	0.43	<	3.9						
	3/28/2003	SS		680	<	730	<	3.7	U	<	15	U	<	2.4	U	180	<	5.5	<	3.8	U	<	2.4	U	<	7.1	U	<	3.2	U				
Residential 084	3/18/2003	AA	Finished Portion of Building	0.55	<	0.30	<	0.19	U	<	0.95	U	<	0.061	U	0.27	<	0.095	U	<	0.19	U	<	0.32	U	0.67	<	0.81	J					
	3/18/2003	IA		2.0	<	0.20	<	0.14	U	<	0.70	U	<	0.045	U	2.0	<	0.070	U	<	0.14	U	<	0.23	U	0.47	<	4.5						
	3/18/2003	SS		1.1	<	0.55	<	0.12	U	<	0.61	U	<	0.039	U	2.2	<	0.061	U	<	0.12	U	<	0.20	U	0.46	<	0.54	U					
	3/18/2003	SS - Dup		0.84	<	0.52	<	0.14	U	<	0.69	U	<	0.044	U	2.2	<	0.069	U	<	0.14	U	<	0.23	U	0.44	<	0.60	U					
Residential 085	3/19/2003	AA	In Laundry Area of Unfinished Portion of Basement	0.37	J	<	0.17	UJ	<	0.12	UJ	<	0.62	UJ	<	0.04	UJ	0.20	J	<	0.062	UJ	<	0.13	UJ	<	0.21	UJ	0.62	J	0.59	J		
	3/19/2003	IA		0.58	<	0.36	<	0.16	U	<	0.79	U	<	0.20	<	1.1	<	0.079	U	<	0.16	U	<	0.26	U	0.69	<	4.8						
	3/19/2003	SS		0.85	<	82	<	0.15	U	<	0.74	U	<	0.055	U	93	<	0.074	U	<	0.15	U	<	0.24	U	0.90	<	0.65	U					
Residential 086	3/20/2003	AA	On Tool Bench W Side of Basement	<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	0.43	<	0.64	U
	3/20/2003	IA		0.23	<	0.18	U	<	0.26	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	0.48	<	1.6				
	3/20/2003	IA - Lab Dup		0.24	<	0.18	U	<	0.27	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	0.48	<	1.5				
	3/20/2003	SS		0.47	<	0.30	<	0.14	U	<	0.7	U	<	0.045	U	2.5	<	0.070	U	<	0.14	U	<	0.23	U	0.52	<	0.62	U					
	3/20/2003	SS - Lab Dup		0.45	<	0.29	<	0.14	U	<	0.7	U	<	0.099	U	2.4	<	0.070	U	<	0.14	U	<	0.23	U	0.49	<	0.62	U					
Residential 087	3/22/2003	AA	Central Portion of Unfinished Basement	0.77	EB	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.22	<	0.068	U	<	0.14	U	<	0.22	U	0.44	<	0.67				
	3/22/2003	IA		4.3	<	8.8	<	0.15	U	<	0.74	U	<	0.048	U	1.6	<	0.074	U	<	0.15	U	<	0.24	U	0.46	<	0.65	U					
	3/22/2003	SS		8.9	<	1,300	<	3.7	U	<	15	U	<	2.4	U	120	<	4.5	<	3.8	U	<	2.4	U	<	7.1	U	<	3.2	U				
	3/22/2003	SS - Dup		10	<	1,200	<	3.6	U	<	14	U	<	2.3	U	120	<	4.0	<	3.7	U	<	2.4	U	<	7.0	U	<	3.2	U				
Residential 088	3/19/2003	AA	Family Room/Den Finished Portion of Basement	0.41	<	0.16	U	<	0.12	U	<	0.6	U	<	0.039	U	0.24	<	0.060	U	<	0.12	U	<	0.20	U	0.68	<	0.53					
	3/19/2003	IA		0.39	<	0.20	<	0.14	U	<	0.69	U	<	0.044	U	0.85	<	0.069	U	<	0.14	U	<	0.23	U	0.72	<	24						
	3/19/2003	SS		0.29	<	12	<	0.14	U	<	0.69	U	<	0.044	U	3.0	<	0.069	U	<	0.14	U	<	0.23	U	0.58	<	6.7						
Institutional 008	3/8/2003	AA	W-Central Portion of Basement	0.35	<	0.29	<	0.14	U	<	0.70	U	<	0.045	U	0.30	<	0.070	U	<	0.14	U	<	0.23	U	0.74	<	0.62	U					
	3/18/2003	IA		0.33	<	23	<	0.45	<	0.74	U	<	0.048	U	1.4	<	0.074	U	<	0.15	U	<	0.24	U	0.65	<	0.66							
	3/18/2003	SS		<	16	U	<	4,300	<	38	<	37	U	<	5.9	U	90	<	9.2	U	<	9.4	U	<	6.1	UJ	<	18	U	<	8.1	U		
Residential 089	3/25/2003	AA	Center of Unfinished Basement	0.32	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	<	0.23	U	0.57	<	0.60	U		
	3/25/2003	IA		0.30	<	0.19	J	<	0.14	U	<	0.70	U	<	0.045	U	0.27	<	0.070	U	<	0.14	U	<	0.23	U	0.57	<	0.62	U				
	3/25/2003	SS - Grab		1.3	<	7.7	<	0.15	U	<	0.77	U	<	0.050	U	32	<	0.077	U	<	0.16	U	<	0.26	U	0.58	<	0.67	U					

TABLE 3
Summary of Analytical Laboratory Results
Phase II Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																
				PCE	TCE	c-1,2-DCE	t-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Cane	Freon 113	MeCL																						
Residential 090	3/20/2003	AA		0.43	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.18	U	<	0.064	U	<	0.13	U	<	0.21	U	0.65		0.55	J				
	3/20/2003	AA - Dup		0.42	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.24	U	0.68		0.59					
	3/20/2003	AA - Lab Dup		0.24	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.18	U	<	0.064	U	<	0.13	U	<	0.21	U	0.63		0.55	J				
	3/20/2003	IA	Central Portion on Unfinished Basement	0.88	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.30		<	0.068	U	<	0.14	U	<	0.22	U	0.62	<	0.59	U				
	3/20/2003	SS		13		0.53		<	0.14	U	<	0.69	U	<	0.044	U		2.2		<	0.069	U	<	0.14	U		0.65		0.60	<	0.60	U				
Residential 091	3/26/2003	AA		<	0.22	U	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U		0.17	J	<	0.064	U	<	0.13	U	<	0.21	U	0.59		1.1			
	3/26/2003	IA	Finished Room Near Center of Building	<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.36		<	0.065	U	<	0.13	U	<	0.22	U	0.37		0.72			
	3/26/2003	SS		1.5		400		<	0.73	U	<	1.5	U	<	0.095	U		56		<	0.15	U		0.33		<	0.49	U	0.63	<	1.3	U				
Residential 092	3/21/2003	AA		0.27	EB	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	0.61	<	0.59	U			
	3/21/2003	IA	In Basement Near Stairs	0.32	EB	1.4		<	0.12	U	<	0.59	U	<	0.038	U		3.0		<	0.059	U	<	0.12	U	<	0.20	U	0.58	<	0.52	U				
	3/21/2003	SS		7.1	EB	560		<	0.74	U	<	3.7	U	<	0.24	U		94		<	0.41	U	<	0.75	U	<	1.2	U	1.4	U	3.2	U				
Residential 093	3/27/2003	AA		<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	U	<	0.22	U	0.55	<	0.57	U	
	3/27/2003	IA	Unfinished Room in W End of Basement	0.26		2.0		<	0.14	U	<	0.7	U	<	0.045	U		1.0		<	0.07	U	<	0.14	U	U	<	0.23	U	0.56	<	0.62	U			
	3/27/2003	SS		<	5.4	U		680		<	3.2	U	<	13	U	<	2.0	U		240		<	7.0	U	<	3.2	U	<	2.1	U	6.2	U	2.8	U		
Residential 094	3/26/2003	AA		0.29		<	0.20	U	<	0.15	U	<	0.75	U	<	0.048	U	<	0.21	U	<	0.075	U	<	0.15	U	<	0.25	U	0.57	<	0.66	U			
	3/26/2003	AA - Dup		0.23		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.19	J	<	0.068	U	<	0.14	U		0.22	J	0.56	<	0.59	U			
	3/26/2003	IA	On Shelf in Central Portion of Finished Basement	2.2		1.9		<	0.15	U	<	0.75	U	<	0.048	U		14		<	0.075	U	<	0.15	U	<	0.25	U	0.58		0.70					
	3/26/2003	SS		760		750		<	3.8	U	<	2.8	U	<	0.18	U		77		<	0.28	U		0.91		<	0.94	U	<	1.1	U	<	2.5	U		
Residential 095	3/25/2003	AA		0.26	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U		0.21		<	0.070	U	<	0.14	U	U	<	0.23	U	0.49	<	0.62	U			
	3/25/2003	IA	Rec Room/Den Near Center of Basement	0.32		0.57		<	0.14	U	<	0.68	U	<	0.044	U		0.35		<	0.068	U	<	0.14	U	U	<	0.22	U	0.54		0.59	J			
	3/25/2003	IA - Lab Dup		0.32		0.51		<	0.14	U	<	0.68	U	<	0.044	U		0.35		<	0.068	U	<	0.14	U	U	<	0.22	U	0.54	<	0.58	J			
	3/25/2003	SS		0.82		0.40		<	0.14	U	<	0.70	U	<	0.12	U		3.3		<	0.070	U	<	0.14	U	U	<	0.23	U	0.54	<	0.62	U			
Residential 096	3/23/2003	AA		<	0.25	U	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	<	0.20	U	<	0.072	U	<	0.15	U	U	<	0.24	U	0.58	<	0.63	U	
	3/23/2003	IA	On TV in NW Corner of Basement	<	0.25	U		2.5		<	0.15	U	<	0.74	U	<	0.048	U		0.54		<	0.074	U	<	0.15	U	U	<	0.24	U	0.56	<	0.65	U	
	3/23/2003	IA - Lab Dup		<	0.25	U		2.6		<	0.15	U	<	0.74	U	<	0.048	U		0.56		<	0.074	U	<	0.15	U	<	0.24	U	0.62	<	0.65	U		
	3/23/2003	SS		1.2		900		<	0.70	U	<	3.5	U	<	0.23	U		130		<	0.35	U	<	0.72	U	U	<	1.2	U	5.0	<	3.1	U			
Residential 097	3/25/2003	AA		0.37	<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.070	U	<	0.14	U	U	<	0.23	U	0.52	<	0.62	U			
	3/25/2003	IA	On Table in W Unfinished Portion of Basement	1.4		14		<	0.14	U	<	0.72	U	<	0.046	U		6.5		<	0.072	U	<	0.15	U	U	<	0.24	U	0.53		4.9				
Residential 098	3/28/2003	SS		<	13	U		1700		<	7.4	U	<	29	U	<	4.8	U		110		<	7.4	U	<	7.5	U	<	4.9	U	<	14	U	<	6.5	U
	3/28/2003	AA		0.27	<	0.17	U		0.13		<	0.61	U	<	0.039	U		0.26		<	0.061	U	<	0.12	U	<	0.2	U	0.48		0.69					
	3/28/2003	IA	Central Portion of Finished Basement	0.26	J	12		<	0.26		<	0.77	U	<	0.050	U		1.0		<	0.077	U	<	0.16	U	<	0.26	U	0.45		0.66	J				
	3/28/2003	SS		<	23	U		4,800		<	54	U	<	8.7	U		250		<	14	U	<	14	U	<	9.0	U	<	26	U	<	12	U			
Residential 099	3/28/2003	SS - Lab Dup		<	23	U		4,800		<	34	U	<	54	U	<	8.7	U		240		<	14	U	<	14	U	<	9.0	U	<	26	U	<	12	U
	3/22/2003	AA		0.81	EB	<	0.27	U	<	0.20	U	<	1.0	U	<	0.065	U	<	0.28	U	<	0.10	U	<	0.21	U	<	0.34	U	0.45		0.94				
	3/22/2003	IA	On Table Near Stairs in Basement	0.56	EB	24		<	0.56		<	0.72	U	<	0.046	U		1.8		<	0.072	U	<	0.15	U	<	0.24	U	0.47		1.3					
	3/22/2003	SS		<	60	U		11,000		<	120	U	<	140	U	<	23	U		670		<	35	U	<	36	U	<	23	U	<	68	U	<	31	U
Residential 100	3/22/2003	1/α		-		458		214		-		-		372		-		-		-		-		-		-		-		-		-				
	3/29/2003	AA		<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	U	<	0.22	U	0.52	<	0.59	U	
	3/29/2003	IA	Near Center of Basement	0.27		0.33		<	0.14	U	<	0.69	U	<	0.059	U		1.3		<	0.069	U	<	0.14	U		0.25		0.48		3.8					
	3/29/2003	IA - Dup		<	0.23	U		0.34		<	0.13	U	<	0.66	U	<	0.043	U		1.0		<	0.066	U	<	0.13	U	U	<	0.22	U	0.54	<	3.0		
3/29/2003	SS		0.30		9.8		<	0.14	U	<	0.68	U	<	0.044	U		68		<	0.068	U	<	0.14	U	<	0.22	U	2.0	<	0.59	U					

TABLE 3
Summary of Analytical Laboratory Results
Phase II Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																												
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL								
Institutional 009	3/25/2003	AA	Central Meeting/ Dining Room	0.24	<	0.15	U	<	0.11	U	<	0.54	U	<	0.035	U	0.16	<	0.054	U	<	0.11	U	<	0.18	U	0.5	<	0.47	U		
	3/25/2003	IA		0.24	U	3.7	<	0.14	U	<	0.7	U	0.046	U	0.52	<	0.07	U	<	0.14	U	<	0.23	U	0.5	<	14	U				
	3/25/2003	SS		0.91	U	130	<	0.53	U	<	2.6	U	0.17	U	24	<	0.27	U	<	0.54	U	<	0.88	U	<	1.0	U	290	U			
	3/25/2003	SS		26	U	5,200	<	15	U	<	60	U	9.7	U	350	<	15	U	<	15	U	<	10	U	<	29	U	<	13	U		
	3/25/2003	SS - Lab Dup		26	U	5,200	<	15	U	<	60	U	9.7	U	350	<	15	U	<	15	U	<	10	U	<	29	U	<	13	U		
Residential 101	3/29/2003	AA	SE Side of Basement	0.24	U	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.19	U	<	0.070	U	<	0.14	U	<	0.23	U	0.50	<	0.62	U
	3/29/2003	AA - Dup		0.23	U	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	0.57	<	0.59	U
	3/29/2003	IA		0.23	U	3.9	<	0.14	U	<	0.68	U	<	0.044	U	0.40	<	0.068	U	<	0.14	U	<	0.22	U	0.54	<	0.59	U			
	3/29/2003	IA - Lab Dup		0.23	U	3.9	<	0.14	U	<	0.68	U	<	0.044	U	0.39	<	0.068	U	<	0.14	U	<	0.22	U	0.54	<	0.59	U			
	3/29/2003	SS		8.0	U	1,600	<	4.7	U	<	19	U	<	3.0	U	88	<	4.7	U	<	4.8	U	<	3.1	U	<	9.1	U	<	4.1	U	
Residential 102	3/21/2003	AA	On Table in Family Room/ Den Portion of Basement	0.35	EB	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.19	<	0.064	U	<	0.13	U	0.26	<	0.45	<	1.0	U			
	3/21/2003	IA		2.2	EB	27	<	0.14	U	<	0.70	U	<	0.045	U	2.7	<	0.070	U	<	0.14	U	<	0.23	U	0.46	<	3.6	U			
	3/21/2003	SS		63	U	13,000	<	52	U	<	150	U	<	24	U	740	<	37	U	<	38	U	<	24	U	<	71	U	<	32	U	
	3/21/2003	SS - Dup		53	U	12,000	<	48	U	<	120	U	<	20	U	690	<	31	U	<	32	U	<	21	U	<	60	U	<	27	U	
Residential 103	3/20/2003	AA	Finished Portion of Basement	0.24	U	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	<	0.23	U	0.65	<	0.69	U
	3/20/2003	IA		0.24	U	14	<	0.37	U	<	0.70	U	<	0.045	U	1.8	<	0.14	U	<	0.14	U	<	0.23	U	0.47	<	2.8	U			
	3/20/2003	SS		23	U	4,800	<	26	U	<	54	U	<	8.7	U	280	<	14	U	<	14	U	<	9.0	U	<	26	U	<	12	U	
Residential 104	3/29/2003	IA	On Shelf in E Portion of Basement	0.24	U	1.4	<	0.14	U	<	0.7	U	<	0.045	U	0.35	<	0.07	U	<	0.14	U	<	0.23	U	0.52	<	1.3	U			
	3/29/2003	SS		5.6	U	900	<	3.2	U	<	13	U	<	2.1	U	98	<	4.4	U	<	3.3	U	<	2.2	U	<	6.3	U	<	2.8	U	
	3/29/2003	SS - Lab Dup		5.6	U	900	<	3.2	U	<	13	U	<	2.1	U	96	<	5.1	U	<	3.3	U	<	2.2	U	<	6.3	U	<	2.8	U	
Residential 105	3/29/2003	AA	Unfinished E-Central Portion of Basement	0.28	U	0.22	U	<	0.16	U	<	0.81	U	<	0.052	U	<	0.22	U	<	0.081	U	<	0.16	U	<	0.27	U	0.54	<	0.71	U
	3/29/2003	AA - Lab Dup		0.28	U	0.22	U	<	0.16	U	<	0.81	U	<	0.052	U	<	0.22	U	<	0.081	U	<	0.16	U	<	0.27	U	0.53	<	0.71	U
	3/29/2003	IA		3.0	<	1.6	<	0.14	U	<	0.7	U	<	0.045	U	1.2	<	0.07	U	<	0.14	U	<	0.23	U	0.53	<	1.5	U			
	3/29/2003	SS		3.9	<	180	<	0.23	U	<	1.1	U	<	0.074	U	14	<	0.11	U	<	0.23	U	<	0.38	U	1.0	<	3.5	U			
	3/29/2003	SS - Dup		3.5	<	170	<	0.25	U	<	1.2	U	<	0.081	U	13	<	0.12	U	<	0.26	U	<	0.42	U	0.94	<	3.4	U			
Residential 106	3/21/2003	AA	Playroom/Den at N End of Basement	1.1	EB	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	0.54	<	0.58	U
	3/21/2003	AA - Lab Dup		1.1	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	0.52	<	0.58	U
	3/21/2003	IA		1.8	EB	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	0.23	<	0.072	U	<	0.15	U	<	0.24	U	0.58	<	0.63	U		
	3/21/2003	SS		5.2	<	1.8	<	0.14	U	<	0.70	U	<	0.22	U	11	<	0.070	U	<	0.14	U	<	0.23	U	1.4	<	0.82	U			
Residential 107	3/25/2003	AA	Den/Rec Room Near Center of Building	0.23	U	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	<	0.26	U	
	3/25/2003	IA		0.28	<	0.26	<	0.15	U	<	0.74	U	<	0.048	U	0.40	<	0.074	U	<	0.15	U	<	0.24	U	0.51	<	5.4	U			
	3/25/2003	IA - Lab Dup		0.28	<	0.28	<	0.15	U	<	0.74	U	<	0.048	U	0.42	<	0.074	U	<	0.15	U	<	0.24	U	0.52	<	5.4	U			
	3/25/2003	SS		0.64	<	58	<	0.14	U	<	0.69	U	<	0.066	U	55	<	0.069	U	<	0.14	U	<	0.23	U	1.7	<	0.60	U			
Residential 108	3/18/2003	AA	Laundry Room	0.50	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.22	<	0.069	U	<	0.14	U	<	0.23	U	0.69	<	0.60	U		
	3/18/2003	IA		0.94	<	1.6	<	0.31	U	<	0.64	U	<	0.041	U	3.2	<	0.064	U	<	0.13	U	<	0.21	U	0.71	<	0.88	U			
	3/18/2003	SS		11	<	730	<	0.62	U	<	3.1	U	<	0.20	U	460	<	0.31	U	<	0.64	U	<	1.0	U	1.6	<	2.7	U			
Residential 109	3/29/2003	AA	N End of Basement	0.25	U	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.20	U	<	0.074	U	<	0.15	U	<	0.24	U	0.51	<	0.65	U
	3/29/2003	IA		0.25	U	2.5	<	0.14	U	<	0.72	U	<	0.046	U	1.0	<	0.072	U	<	0.15	U	<	0.24	U	0.53	<	1.4	U			
	3/29/2003	SS		1.0	<	270	<	0.29	U	<	1.5	U	<	0.096	U	8.6	<	0.15	U	<	0.30	U	<	0.49	U	0.60	<	1.3	U			
Residential 110	3/19/2003	AA	Near Center of Unfinished Basement	0.45	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.22	<	0.064	U	<	0.13	U	<	0.21	U	4.0	<	0.80	U		
	3/19/2003	IA		0.65	<	1.7	<	0.13	U	<	0.66	U	<	0.043	U	2.2	<	0.066	U	<	0.13	U	<	0.22	U	4.3	<	38	U			
	3/19/2003	IA - Dup		0.82	<	2.1	<	0.11	U	<	0.54	U	<	0.035	U	3.0	<	0.054	U	<	0.11	U	<	0.18	U	7.2	<	50	U			
	3/19/2003	SS		5.8	U	1,000	<	3.4	U	<	14	U	<	2.2	U	100	<	3.9	<	3.4	U	<	2.2	U	<	6.5	U	<	3.0	U		
Residential 111	3/23/2003	AA	On Toy Box in Finished Portion of Basement	0.37	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	0.59	<	0.68	U
	3/23/2003	IA		0.24	U	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	0.40	<	0.070	U	<	0.14	U	<	0.32	<	0.61	<	0.98	U		
	3/23/2003	SS		1.2	<	450	<	0.48	U	<	2.4	U	<	0.16	U	160	<	0.24	U	<	0.49	U	<	0.80	U	<	0.93	U	<	2.1	U	

TABLE 3
Summary of Analytical Laboratory Results
Phase II Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m3)																																	
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL													
Residential 112	3/25/2003	AA			0.39	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.19	<	0.068	U	<	0.14	U	<	0.22	U		0.6			0.71				
	3/25/2003	IA	Family Room/ Den Near		0.34	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.4	<	0.065	U	<	0.13	U		0.22	U		0.57			0.86				
	3/25/2003	IA - Dup	W Side of Building		0.35	<	0.19	U	<	0.14	U	<	0.7	U	<	0.045	U		0.44	<	0.07	U	<	0.14	U		0.32	U		0.57			0.98				
	3/25/2003	IA - Lab Dup			0.36	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.43	<	0.065	U	<	0.13	U		0.23	U		0.58			0.88				
	3/25/2003	SS			0.46	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		1.1	<	0.068	U	<	0.14	U	<	0.22	U		0.57			0.59	U			
Equipment Blanks	3/17/2003	EB		<	0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.04	U	<	0.17	U	<	0.062	U	<	0.13	U	<	0.21	U	<	0.24	U	<	0.55	U	
	3/18/2003	EB		<	0.25	U	<	0.2	U	<	0.14	U	<	0.72	U	<	0.046	U	<	0.2	U	<	0.072	U	<	0.15	U	<	0.24	U	<	0.28	U	<	0.63	U	
	3/19/2003	EB		<	0.23	U	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	<	0.26	U	<	0.58	U	
	3/20/2003	EB		<	0.26	U	<	0.2	U	<	0.15	U	<	0.75	U	<	0.048	U	<	0.21	U	<	0.075	U	<	0.15	U	<	0.25	U	<	0.29	U	<	0.66	U	
	3/21/2003	EB			0.63	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	J	<	0.14	U	<	0.22	U	<	0.26	U	<	0.59	U	
	3/22/2003	EB			0.41	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	<	0.26	U	<	0.58	U		
	3/24/2003	EB		<	0.25	U		0.24	<	0.15	U	<	0.74	U	<	0.048	U	<	0.2	U	<	0.074	U	<	0.15	U	J	<	0.24	U	<	0.28	U	<	0.65	U	
	3/25/2003	EB		<	0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	<	0.22	U	<	0.25	U	<	0.57	U	
	3/26/2003	EB		<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	J	<	0.22	U	<	0.26	U	<	0.59	U
	3/28/2003	EB		<	0.23	U	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	J	<	0.22	U	<	0.26	U	<	0.58	U
3/27/2003	EB		<	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U	<	0.26	U	<	0.59	U		

NOTES:

1. This table is intended to summarize the findings of the collection and analysis of indoor air, substructure soil vapor, and ambient (outdoor) air at selected structures. The samples were collected by SHA personnel on the dates indicated using laboratory-provided, pre-evacuated stainless steel Summa canisters equipped with 24-hour flow restriction valves. The samples therefore nominally represent 24-hour time integrated air samples. The samples were submitted to Air Toxics LTD of Folsom, California for analysis of volatile organic compounds (VOCs) using gas chromatography and mass spectrometry in accordance with USEPA Compendium Method TO-15. Samples exhibiting low levels of VOCs were analyzed via Selective Ion Monitoring (SIM) methods. The analytical results are presented in units of micrograms per cubic meter (µg/m³). Emboldened values indicate concentrations greater than the laboratory reporting limit. "<" = denotes that the compound was not detected. The sample and compound-specific laboratory reporting limit reflecting the amount of dilution is posted for comparison among samples. Values flagged with a "J" reflect an estimated value.

2. The Tax Record Use Category Generic ID represents a nominal sample location designation based on the general use category listed in Broome County Tax Map records provided electronically to SHA between September 2002 and March 2003.

3. The sample type codes posted in column 3 include: AA = Ambient Air; IA = Indoor Air; SS = Substructure Soil Vapor, EB = Equipment Blank
-A, -B, -C = Field-defined location A, B or C in those structures with multiple sampling locations (see Field Sampling Summary for details).
- Bldg -1or -2 = Field-defined building identification number on those properties where multiple buildings were sampled (see Field Sampling Summary for details).
- DUP = Results of duplicate sample collected at specified location.
- LAB DUP = Laboratory run duplicate sample.

4. Compound Acronym Legend: PCE = Tetrachloroethene, TCE = Trichloroethene, cis-1,2-DCE = cis-1,2-Dichloroethene, trans-1,2-DCE = trans-1,2-Dichloroethene, VC = Vinyl Chloride, 1,1,1-TCA = 1,1,1-Trichloroethane, 1,1-DCE = 1,1-Dichloroethene, 1,1-DCA = 1,1-Dichloroethane, Cane = Chloroethane, Freon 113 = Trichloro-1,2,2-trifluoroethane, and MeCL = Methylene Chloride.

5. The data qualifiers shown in red reflect those added as a result of data validation & usability assessment performed by New Environmental Horizons, Inc. (NEH) of Skillman New Jersey. The assessment was performed in accordance with the requirements of the December 30, 2002 Action Plan to assess the data against project data quality objectives for acceptable accuracy, precision, sensitivity, and technical usability. The findings were submitted in data usability assessment reports dated between April 9 and 30, 2003 and added to the electronic data deliverable from the laboratory and are reflected in this table. Laboratory duplicate samples (LAB DUP) were not validated and are shown on this report for reference purposes. The data was found to be useable for the project objectives, subject to the qualifiers outlined as follows and discussed in greater detail in the report text.

"J" data qualifiers generally reflect imprecision for field duplicate samples (field duplicate imprecision), or duplicates reflecting greater than the Action Plan goal of relative percent difference values < 30% which reflects an indeterminate bias.

"EB" data qualifiers reflect the detection of PCE in two of eleven equipment blanks created by filling a laboratory-certified canister with ultra high purity nitrogen gas in the field office and transmitting the resultant sample back to the laboratory for analysis with the field samples. Blank detections, imply the possibility of high bias due to contamination of the equipment used in collecting the blank sample or the UHP nitrogen gas.

TABLE 4
Summary of Analytical Laboratory Results
Phase III Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																			
				PCE	TCE	c-1,2-DCE	t-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Cane	Freon 113	MeCL									
Residential 113	4/15/03	AA	SW part of basement 5' from SW corner	0.5	< 0.27	U	< 0.2	U	< 0.98	U	< 0.063	U	< 0.27	U	< 0.098	U	< 0.20	U	< 0.33	U	0.68	1.5	
	4/15/03	IA		2.1	< 0.18	U	< 0.14	U	< 0.68	U	< 0.044	U	0.22	< 0.068	U	< 0.14	U	< 0.22	U	0.54	1.2		
	4/15/03	SS - A		0.96	< 0.14	U	< 0.70	U	< 0.045	U	0.96	< 0.070	U	< 0.14	U	< 0.23	U	1.0	< 0.62	U			
	4/15/03	SS - B		1.7	< 0.19	U	< 0.14	U	< 0.70	U	< 0.045	U	0.23	< 0.070	U	< 0.14	U	< 0.23	U	0.59	1.7		
	4/15/03	SS- Lab Dup		0.98	< 0.14	U	< 0.70	U	< 0.045	U	0.93	< 0.070	U	< 0.14	U	< 0.23	U	0.98	< 0.62	U			
Residential 114	4/24/03	AA	Near center of basement	< 0.21	U	< 0.17	U	< 0.12	U	< 0.62	U	< 0.04	U	0.17	< 0.062	U	< 0.13	U	< 0.21	U	0.70	< 0.55	U
	4/24/03	IA		0.85	< 0.34	U	< 0.14	U	< 0.70	U	< 0.045	U	0.19	< 0.070	U	< 0.14	U	< 0.23	U	0.72	0.99		
	4/24/03	SS		0.44	14	< 0.15	U	< 0.74	U	< 0.048	U	1.4	< 0.074	U	< 0.15	U	< 0.24	U	1.2	< 0.65	U		
Residential 115	5/1/03	AA	On armoire in NE corner of basement	< 0.24	U	< 0.19	U	< 0.14	U	< 0.70	U	< 0.045	U	0.21	< 0.070	U	< 0.14	U	0.30	0.62	1.0		
	5/1/03	IA		0.73	< 0.30	U	< 0.22	U	< 1.1	U	< 0.071	U	< 0.30	U	< 0.11	U	< 0.22	U	< 0.36	U	0.64	140	
	5/1/03	SS		1.0	1.5	< 0.14	U	< 0.69	U	< 0.044	U	2.3	< 0.069	U	< 0.14	U	< 0.23	U	1.2	12			
Residential 116	4/15/03	AA	S central basement on table 1' from sink wall.	0.55	0.25	< 0.13	U	< 0.66	U	< 0.043	U	0.23	< 0.066	U	< 0.13	U	< 0.22	U	0.65	2.6			
	4/15/03	IA		1.5	0.68	< 0.14	U	< 0.68	U	< 0.044	U	0.89	< 0.068	U	< 0.14	U	< 0.22	U	0.62	2.4			
	4/15/03	SS		63	130	< 0.13	U	< 0.66	U	< 0.043	U	34	< 0.066	U	< 0.13	U	< 0.22	U	3.0	< 0.58	U		
Residential 117	4/15/03	AA	Central basement on table, 5 feet above floor.	1.3	0.22	< 0.13	U	< 0.65	U	< 0.042	U	0.22	< 0.065	U	< 0.13	U	< 0.22	U	0.61	2.1			
	4/15/03	IA		0.81	0.18	< 0.12	U	< 0.58	U	< 0.037	U	0.72	< 0.058	U	< 0.12	U	< 0.19	U	0.64	2.0			
	4/15/03	SS		210	0.56	< 0.14	U	< 0.68	U	< 0.044	U	3.6	< 0.068	U	< 0.14	U	< 0.22	U	0.7	0.86			
	4/15/03	SS- Lab Dup		230	0.57	< 0.14	U	< 0.68	U	< 0.044	U	3.7	< 0.068	U	< 0.14	U	< 0.22	U	0.77	0.73			
Residential 118	4/17/03	AA	5 feet from SW corner on table 4 feet above ground.	< 0.24	U	< 0.19	U	< 0.14	U	< 0.70	U	< 0.045	U	0.29	< 0.070	U	< 0.14	U	< 0.23	U	0.70	0.76	
	4/17/03	IA		< 0.24	U	3.2	< 0.14	U	< 0.70	U	< 0.045	U	0.32	< 0.070	U	< 0.14	U	< 0.23	U	0.75	0.69		
	4/17/03	IA - Dup		< 0.20	U	3.0	< 0.12	U	< 0.60	U	< 0.039	U	0.28	< 0.060	U	< 0.12	U	< 0.20	U	0.71	0.54		
	4/17/03	SS		1.1	0.90	< 0.13	U	< 0.65	U	< 0.042	U	35	< 0.065	U	< 0.13	U	< 0.22	U	0.70	< 0.57	U		
	4/17/03	SS- Lab Dup		1.2	0.91	< 0.13	U	< 0.65	U	< 0.042	U	35	< 0.065	U	< 0.13	U	< 0.22	U	0.69	< 0.57	U		
Residential 119	4/15/03	AA	Central basement on table 4' above ground.	0.45	< 0.17	U	< 0.12	U	< 0.62	U	< 0.04	U	0.26	< 0.062	U	< 0.13	U	< 0.21	U	0.67	1.3		
	4/15/03	IA		1.4	< 0.19	U	< 0.14	U	< 0.69	U	< 0.044	U	0.30	< 0.069	U	< 0.14	U	< 0.23	U	0.69	1.3		
	4/15/03	SS		620	1.5	< 0.47	U	< 2.3	U	< 0.15	U	4.3	< 0.23	U	< 0.48	U	< 0.78	U	< 0.91	U	< 2.0	U	
Residential 120	4/17/03	AA	10' SW of corner on table 4' above ground	0.21	< 0.16	U	< 0.12	U	< 0.60	U	< 0.039	U	0.21	< 0.060	U	< 0.12	U	< 0.20	U	0.63	0.65		
	4/17/03	AA- Lab Dup		< 0.20	< 0.16	< 0.12	< 0.60	< 0.039	0.21	< 0.060	< 0.12	< 0.20	0.65	0.63									
	4/17/03	IA		< 0.25	U	< 0.20	U	< 0.14	U	< 0.72	U	< 0.046	U	0.51	< 0.072	U	< 0.15	U	< 0.24	U	0.44	2.2	
	4/17/03	SS-Grab		14	0.28	< 0.15	U	< 0.77	U	< 0.05	U	< 0.21	U	< 0.077	U	< 0.16	U	< 0.26	U	0.41	< 0.67	U	
Commercial 013	4/29/03	AA	In N office 10 ft. from E ext. wall. 40 ft. from S. ext. wall.	0.98	< 0.20	U	< 0.15	U	< 0.75	U	< 0.048	U	< 0.21	U	< 0.075	U	< 0.15	U	< 0.25	U	0.82	4.0	
	4/29/03	IA		33	3.8	< 0.14	U	< 0.70	U	< 0.045	U	0.32	< 0.070	U	< 0.14	U	< 0.23	U	0.94	46			
	4/29/03	IA- Lab Dup		33	3.7	< 0.14	< 0.70	< 0.045	0.34	< 0.070	< 0.14	< 0.23	0.92	46									
	4/29/03	SS		340	5.3	0.37	< 1.4	U	< 0.087	U	68	< 0.14	U	< 0.28	U	< 0.45	U	29	3.3				
Residential 121	4/16/03	AA	2 feet from north - central wall on tape 5' high.	< 0.23	U	< 0.18	U	< 0.14	U	< 0.68	U	< 0.044	U	< 0.19	U	< 0.068	U	< 0.14	U	< 0.22	U	0.70	0.95
	4/16/03	IA		0.44	< 0.20	U	< 0.15	U	< 0.74	U	< 0.048	U	0.21	< 0.074	U	< 0.15	U	< 0.24	U	0.66	1.6		
	4/16/03	SS		4.0	3.2	< 0.13	U	< 0.65	U	< 0.042	U	1.9	< 0.065	U	< 0.13	U	< 0.22	U	1.5	0.63			
Residential 122	4/23/03	AA	mech./boiler room - E section of building. Workshop area	< 0.23	U	< 0.18	U	< 0.13	U	< 0.66	U	< 0.043	U	0.20	< 0.066	U	< 0.13	U	< 0.22	U	0.78	0.83	
	4/23/03	IA - A		0.41	0.32	< 0.13	U	< 0.64	U	< 0.041	U	0.25	< 0.064	U	< 0.13	U	1.1	J	0.70	1.1			
	4/23/03	IA - B		0.96	0.39	< 0.14	U	< 0.72	U	< 0.046	U	0.21	< 0.072	U	< 0.15	U	0.26	J	0.79	0.88			
	4/23/03	SS - A		7.8	220	< 0.19	U	< 0.94	U	< 0.061	U	20	< 0.094	U	< 0.19	U	< 0.31	U	1.5	1.0			
	4/23/03	SS - B		3.3	4.0	< 0.15	U	< 0.77	U	< 0.050	U	2.4	< 0.077	U	< 0.16	U	< 0.70	J	4.4	0.76			
Residential 123	4/17/03	AA	5 feet from SW corner on table 4 feet above ground.	< 0.23	U	< 0.18	U	< 0.13	U	< 0.66	U	< 0.043	U	< 0.18	U	< 0.066	U	< 0.13	U	< 0.22	U	0.73	0.76
	4/17/03	IA		< 0.23	U	0.90	< 0.14	U	< 0.68	U	< 0.044	U	3.0	< 0.068	U	< 0.14	U	< 0.22	U	0.64	2.0		
	4/17/03	SS		6.9	120	< 0.17	U	< 0.83	U	0.091	11	< 0.083	U	< 0.17	U	< 0.28	U	0.71	1.4				

TABLE 4
Summary of Analytical Laboratory Results
Phase III Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																															
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL											
Residential 124	4/15/03	AA		0.92	J	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.065	U	<	0.13	U	<	2.1	J	<	0.66			1.3				
	4/15/03	AA - Dup		0.65	J	<	0.20	U	<	0.15	U	<	0.75	U	<	0.048	U	<	0.21	U	<	0.075	U	<	0.15	U	<	0.25	UJ	<	0.70		1.2		
	4/15/03	IA	5' from NW corner of basement 4' high on table.	3.4		<	1.5		<	0.15	U	<	0.77	U	<	0.050	U		0.42		<	0.077	U	<	0.16	U	<	0.26	U		0.95		1.7		
	4/15/03	SS		4.1		<	14		<	0.15	U	<	0.77	U	<	0.050	U		3.1		<	0.077	U	<	0.16	U	<	0.26	U		0.77		<	0.67	U
	4/15/03	SS - Lab Dup		4.0		<	14		<	0.15	U	<	0.77	U	<	0.050	U		3.0		<	0.077	U	<	0.16	U	<	0.26	U		0.73		<	0.67	U
Commercial 014	4/23/03	AA		0.21	U	<	0.17	U	<	0.12	U	<	0.61	U	<	0.039	U		0.19		<	0.061	U	<	0.12	U	<	0.20	U		0.76		0.93		
	4/23/03	IA - A	East central portion of west warehouse area - near office.	0.27		<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U		0.21		<	0.064	U	<	0.13	U		0.78		0.73		1.2			
	4/23/03	IA - B	East central portion of east warehouse area.	0.24	U	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	<	0.23	U		0.74		0.80		
	4/23/03	SS-A		0.41		<	0.99		<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U		0.56		4.0		
4/23/03	SS-B		11		<	1,600		<	200		<	23	U	<	3.7	U		280		<	5.8	U	<	150		<	3.9	UJ	<	11	U	<	5.1	U	
Residential 125	4/16/03	AA		0.23	U	<	0.21	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U		0.63		2.0		
	4/16/03	IA	Central basement on table 3 feet above floor, 15 feet from SW corner.	0.27		<	0.19	U	<	0.14	U	<	0.70	U	<	0.059	U		0.68		<	0.07	U	<	0.14	U	<	0.23	U		0.62		2.2		
	4/16/03	SS		1.9		<	0.64		<	0.12	U	<	0.60	U	<	0.039	U		1.6		<	0.06	U	<	0.12	U	<	0.20	U		0.93		0.63		
Residential 126	4/24/03	AA		0.21	U	<	0.17	U	<	0.12	U	<	0.62	U	<	0.040	U	<	0.17	U	<	0.062	U	<	0.13	U	<	0.21	U		0.63		1.4		
	4/24/03	IA	On stairs about 5' from west wall.	1.3		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.23		<	0.065	U	<	0.13	U	<	0.22	U		0.71		1.6		
	4/24/03	SS		0.61		<	0.20		<	0.14	U	<	0.70	U	<	0.045	U		0.32		<	0.070	U	<	0.14	U	<	0.45		<	0.27	U	0.70		
Residential 127	4/24/03	AA		0.28	U	<	0.22	U	<	0.16	U	<	0.81	U	<	0.052	U	<	0.22	U	<	0.081	U	<	0.16	U	<	0.27	U		0.67		0.89		
	4/24/03	IA	On work bench about 2 ft. from east wall in southeastern portion of basement.	0.23	U	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U		0.43		1.1		
	4/24/03	SS		1.7		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.90		<	0.065	U	<	0.13	U		0.35		0.47		<	0.57	U	
	4/24/03	SS - Lab Dup		1.7		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U		0.88		<	0.065	U	<	0.13	U		0.35		0.44		<	0.57	U	
Residential 128	4/26/03	AA		0.29		<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U		0.18		<	0.066	U	<	0.13	U	<	0.22	UJ		0.47		<	0.58	U
	4/26/03	IA	On table in NW portion of basement 5' from W wall	0.25		<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U		1.5		<	0.070	U	<	0.14	U	<	0.23	UJ		0.48		<	0.62	U
	4/26/03	SS		0.65		<	0.31		<	0.14	U	<	0.70	U	<	0.045	U		0.59		<	0.070	U	<	0.14	U	<	0.23	UJ		0.44		<	0.62	U
Residential 129	4/25/03	AA		0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	<	0.22	U		0.70		0.68		
	4/25/03	IA	On table 15 ft. from E wall.	2.5		<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U		0.80		<	0.066	U	<	0.13	U	<	0.22	U		0.44		1.5		
	4/25/03	SS		230		<	3.4		<	0.15	U	<	0.77	U	<	0.050	U		28		<	0.28	U	<	0.16	U	<	0.26	U		0.88		<	0.67	U
	4/25/03	1/α		92		>	19		>	-		>	-		>	-			35		>	4.2		>	-		>	-		2.0		-			
Multiuse 023	4/25/03	AA		0.24		<	0.15	U	<	0.11	U	<	0.56	U	<	0.036	U		0.22		<	0.056	U	<	0.11	U	<	0.19	U		0.76		0.66		
	4/25/03	AA Lab Dup		0.22		<	0.15	U	<	0.11	U	<	0.56	U	<	0.036	U		0.19		<	0.056	U	<	0.11	U	<	0.19	U		0.71		0.59		
	4/25/03	IA	On file cabinet near center of basement	0.27	U		0.62		<	0.16	U	<	0.79	U	<	0.051	U		0.30		<	0.079	U	<	0.16	U	<	0.26	U		0.66		<	0.69	U
	4/25/03	SS		5.0		<	780		<	0.66	U	<	3.3	U	<	0.21	U		140		<	11		<	1.1	U	<	1.1	U		8.0		<	2.9	U
Residential 130	4/29/03	AA		0.43		<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U		0.34		<	0.066	U	<	0.13	U	<	0.22	U		0.32		<	0.58	U
	4/29/03	IA	On workbench in N corner of basement ~2' from NW wall	1.9		<	0.60		<	0.14	U	<	0.72	U	<	0.046	U		0.51		<	0.072	U	<	0.15	U	<	0.24	U	<	0.28	U	<	0.63	U
	4/29/03	SS		3.9		<	120		<	0.19	U	<	0.69	U	<	0.044	U		110		<	0.13	U	<	0.14	U	<	0.23	U		0.39		<	0.60	U
Residential 131	5/1/03	AA		0.48		<	0.17	U	<	0.12	U	<	0.62	U	<	0.040	U		0.25		<	0.062	U	<	0.13	U	<	0.21	U		0.48		1.4		
	5/1/03	IA	On shelf about 7 ft. From N wall and about 12 ft. from W wall.	1.4		<	0.21		<	0.13	U	<	0.66	U	<	0.043	U		10		<	0.066	U	<	0.13	U	<	0.22	U		0.55		5.2		
	5/1/03	SS		79		<	22		<	0.14	U	<	0.69	U		0.058	U		26		<	0.069	U	<	0.14	U		0.25		1.6		<	0.60	U	
Residential 132	4/29/03	AA		0.63		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U		0.19		<	0.068	U	<	0.14	U	<	0.22	U		0.79		3.2		
	4/29/03	AA - Lab Dup		0.62		<	0.23	U	<	0.17	U	<	0.85	U	<	0.054	U		0.23		<	0.085	U	<	0.17	U	<	0.28	U		0.74		3.0		
	4/29/03	IA	On table ~12 ft. from NE corner of basement	2.3	U	<	1.8	U	<	1.3	U	<	6.6	U	<	0.43	U	<	1.8	U	<	0.66	U	<	1.3	U	<	2.2	U	<	2.6	U	830		
	4/29/03	SS		1.6		<	9.9		<	0.13	U	<	0.66	U	<	0.043	U		14		<	0.066	U	<	0.13	U	<	0.22	U		1.6		80	J	
	4/29/03	SS - Dup		1.3		<	9.2		<	0.16	U	<	0.81	U	<	0.052	U		13		<	0.081	U	<	0.16	U	<	0.27	U		1.5		120	J	

TABLE 4
Summary of Analytical Laboratory Results
Phase III Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																															
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL											
Residential 133	4/16/03	AA		0.24	J	<	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	<	0.20	U	<	0.072	U	<	0.15	U	<	0.24	U		0.71			0.98	
	4/16/03	AA - Dup		0.25		<	0.16	U	<	0.12	U	<	0.58	U	<	0.037	U	<	0.17	U	<	0.058	U	<	0.12	U	<	0.19	U		0.65			0.66	
	4/16/03	IA	10' NW corner of basement on table 4' above ground.	0.40		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U		0.66			4.6	
	4/16/03	SS		0.36		<	0.24	U	<	0.17	U	<	0.85	U	<	0.055	U	<	0.31	U	<	0.085	U	<	0.17	U	<	0.28	U		0.64			2.4	
Residential 134	4/17/03	AA		0.29		<	0.15	U	<	0.11	U	<	0.56	U	<	0.036	U	<	0.18	U	<	0.056	U	<	0.11	U	<	0.19	U		0.58		<	0.49	U
	4/17/03	IA	4' from east wall on table 4' above basement floor	0.76		<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.75	U	<	0.064	U	<	0.13	U	<	0.21	U		0.36			22	
	4/17/03	SS		330		<	0.58	U	<	0.23	U	<	1.2	U	<	0.075	U	<	1.8	U	<	0.12	U	<	0.24	U	<	0.39	U	<	0.45	U		1.3	
Residential 135	4/23/03	AA		0.38		<	0.15	U	<	0.11	U	<	0.57	U	<	0.037	U	<	0.18	U	<	0.057	U	<	0.12	U	<	0.19	U	U	0.76			0.63	
	4/23/03	IA	Central portion of finished basement	6.3		<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.28	U	<	0.070	U	<	0.14	U	<	0.23	U	U	0.79			1.2	
	4/23/03	SS		13		<	0.92	U	<	0.14	U	<	0.72	U	<	0.046	U	<	14	U	<	0.072	U	<	0.15	U	<	0.24	U		1.7		<	0.63	U
	4/23/03	SS - Dup		17		<	1.1	U	<	0.14	U	<	0.69	U	<	0.044	U	<	15	U	<	0.069	U	<	0.14	U	<	0.23	U	U	2.0		<	0.60	U
	4/23/03	SS - Lab Dup		14		<	0.99	U	<	0.14	U	<	0.72	U	<	0.046	U	<	15	U	<	0.072	U	<	0.15	U	<	0.24	U		1.9		<	0.63	U
Residential 136	4/29/03	AA		0.78		<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.29	U	<	0.070	U	<	0.14	U	<	0.23	U		0.51			0.65	
	4/29/03	AA - Dup		0.83	J	<	0.18	U	U	0.13	U	U	0.66	U	U	0.043	U	U	0.31	J	<	0.066	U	U	0.13	U	U	0.22	U	U	0.26	U	U	0.66	J
	4/29/03	IA	On bar in finished basement 12 ft. from S wall and 20 ft. from W wall.	0.62			1.9			1.0		<	0.70	U	<	0.045	U	<	0.71	U	<	0.070	U	<	0.14	U	<	0.23	U		4.3			2.8	
	4/29/03	SS		12	U		670			22		<	34	U	<	2.2	U		16			30			8.3		<	11	U		9,100		<	30	U
Residential 137	5/1/03	AA		1.7		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	J	<	0.069	U	<	0.14	U	<	0.23	U		0.68		<	0.60	U
	5/1/03	IA	About 12 ft. from W. wall and 1 ft. from S. wall. On counter in finished room.	0.64		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	J	<	0.069	U	<	0.14	U	<	0.23	U		1.2			0.76	
	5/1/03	IA - Lab Dup		0.60		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	J	<	0.069	U	<	0.14	U	<	0.23	U		1.2			0.73	
Residential 138	5/1/03	SS		0.64		<	0.17	U	<	0.27	U	<	1.4	U	<	0.087	U	<	2.1		<	1.9		<	0.28	U	<	0.45	U		480		<	1.2	U
	4/27/03	AA		0.32		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.25		<	0.065	U	<	0.13	U	<	0.25	U		0.81			0.78	
	4/27/03	AA - Dup		0.32		<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.20		<	0.069	U	<	0.14	U	<	0.23	U		0.80			0.64	
	4/27/03	IA	2 ft. west of east wall in finished portion of basement.	0.45		<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.21		<	0.074	U	<	0.15	U	<	0.24	U		0.92			39	
	4/27/03	IA Lab Dup		0.39		<	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	<	0.20		<	0.074	U	<	0.15	U	<	0.24	U		0.86			35	
Residential 139	4/27/03	SS		2.6		<	33			0.21		<	0.69	U	<	0.044	U	<	2.9		<	0.069	U	<	0.14	U	<	0.23	U		1.2			1.4	
	4/27/03	AA		0.32		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U		0.83			0.62	
	4/27/03	AA Lab Dup		0.34		<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	<	0.19	U	<	0.068	U	<	0.14	U	<	0.22	U		0.89		<	0.59	
	4/27/03	IA	On dryer in SE corner of basement 5' from S wall.	0.30		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.21		<	0.065	U	<	0.13	U	<	0.22	U		0.78			0.66	
	4/27/03	IA - Dup		0.32		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.20		<	0.065	U	<	0.13	U	<	0.22	U		0.84			0.60	
Residential 140	4/27/03	SS		2.3		<	5.1			0.13		<	0.64	U	<	0.041	U	<	0.82		<	0.064	U	<	0.13	U	<	0.21	U		0.99		<	0.56	U
	4/26/03	AA		21		<	1.6			0.13		<	0.65	U	<	0.042	U	<	0.58		<	0.065	U	<	0.13	U	<	0.22	U		0.77			3.6	
	4/26/03	IA	On table about 2' west front (east) basement wall.	0.47	U	<	0.37	U	<	0.28	U	<	1.4	U	<	0.089	U	<	0.38	U	<	0.14	U	<	0.28	U	<	0.46	U		0.64			150	
	4/26/03	SS		2.2		<	1.1			0.14		<	0.69	U	<	0.044	U	<	0.90		<	0.069	U	<	0.14	U	<	0.77		<	0.27	U		1.2	
Residential 141	4/26/03	SS - Dup		2.3		<	1.2			0.13		<	0.66	U	<	0.053	U	<	0.91		<	0.066	U	<	0.13	U	<	0.89		<	0.26	U		1.5	
	4/29/03	AA		0.29		<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.23		<	0.066	U	<	0.13	U	<	0.98			0.79			1.1	
	4/29/03	IA	On table near laundry area about 10 ft. from NW corner of basement.	0.28		<	0.19	U	<	0.14	U	<	0.70	U	<	0.045	U	<	0.31		<	0.070	U	<	0.14	U	<	0.23	U		0.91			1.2	
Residential 142	4/29/03	SS		3.2		<	68			0.27		<	1.4	U	<	0.087	U	<	170		<	0.29		<	0.28	U	<	0.45	U		1.6		<	1.2	U
	4/23/03	AA		0.22	U	<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.24		<	0.065	U	<	0.13	U	<	0.22	U	U	0.65		<	0.57	U
	4/23/03	IA	Near center of basement	0.27	U	<	0.21	U	<	0.16	U	<	0.79	U	<	0.051	U	<	0.23		<	0.079	U	<	0.16	U	<	0.26	U	U	0.63		<	0.69	U
	4/23/03	SS		0.50		<	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	2.7		<	0.065	U	<	0.13	U	<	0.22	U	U	1.6		<	0.57	U
4/23/03	1/α		1.9		>	-			-		>	-			-			12			-		>	-					2.5			-			

TABLE 4
Summary of Analytical Laboratory Results
Phase III Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																													
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		McCL									
Residential 143	4/26/03	AA	On table in SW corner of building 3 ft. from S. wall.	0.37		0.49	<	0.13	U	<	0.65	U	<	0.042	U	0.39	<	0.065	U	<	0.13	U	<	0.22	U	0.58		1.7					
	4/26/03	IA		0.31	<	0.20	U	<	0.15	U	<	0.74	U		0.10		100		0.53			0.15	<	0.24	U	<	0.28	U	7.4				
	4/26/03	SS		0.56		0.21	<	0.14	U	<	0.70	U	<	0.045	U	56		0.66		<	0.14	U	<	0.23	U	0.66		2.8					
	4/26/03	SS Lab Dup		0.53		0.20	<	0.14	U	<	0.70	U	<	0.045	U	54		0.52		<	0.14	U	<	0.23	U	0.63		2.7					
Residential 144	4/25/03	AA	Center of unfinished basement - on old furniture about 6' S of N wall.	0.34	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	0.22	<	0.066	U	<	0.13	U	<	0.22	U	0.65		0.68				
	4/25/03	AA - Dup		0.28	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.24	<	0.064	U	<	0.13	U	<	0.21	U	0.68		0.62				
	4/25/03	IA		0.58	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.38	<	0.068	U	<	0.14	U	<	0.22	U	0.46		3.2				
	4/25/03	SS		33		0.66	<	0.15	U	<	0.74	U	<	0.048	U	12		0.074	U	<	0.15	U	<	0.24	U	1.1	<	0.65	U				
Residential 145	4/29/03	AA	On counter in finished basement about 2' from	0.25	U	0.20	U	<	0.14	U	<	0.72	U	<	0.046	U	0.23	<	0.072	U	<	0.15	U	<	0.24	U	0.93		0.80				
	4/29/03	IA		1.5	J	0.15	U	<	0.11	U	<	0.55	U	<	0.035	U	0.22	<	0.055	U	<	0.11	U	<	0.18	U	0.88		0.61				
	4/29/03	IA - Dup		2.7	J	0.20	U	<	0.15	U	<	0.74	U	<	0.048	U	0.23	<	0.074	U	<	0.15	U	<	0.24	U	0.85		0.69				
	4/29/03	IA - Lab Dup		1.7		0.15	U	<	0.11	U	<	0.55	U	<	0.035	U	0.22	<	0.055	U	<	0.11	U	<	0.18	U	0.87		0.64				
	4/29/03	SS		3.1		1.4		<	0.14	U	<	0.70	U	<	0.045	U	0.55	<	0.070	U	<	0.14	U	<	0.23	U	0.92	<	0.62	U			
Residential 146	4/25/03	AA	On workbench in NW portion of basement	0.30	<	0.17	U	<	0.12	U	<	0.61	U	<	0.039	U	0.30	<	0.061	U	<	0.12	U	<	0.20	U	0.84		0.83				
	4/25/03	IA		5.9	<	0.39	U	<	0.29	U	<	1.4	U	<	0.093	U	110		6.6		<	0.29	U	<	0.48	U	0.75		140				
	4/25/03	SS		3.0		5.1		<	0.14	U	<	0.69	U	<	0.044	U	1.5	<	0.069	U	<	0.14	U	<	0.23	U	0.65		2.8				
Residential 147	4/25/03	AA	On table in NW corner of basement	0.31	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.23	<	0.069	U	<	0.14	U	<	0.23	U	0.74		1.0				
	4/25/03	AA Lab Dup		0.27	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.23	<	0.069	U	<	0.14	U	<	0.23	U	0.69		1.0				
	4/25/03	IA		0.89	<	0.15	U	<	0.11	U	<	0.54	U	<	0.035	U	0.56	<	0.054	U	<	0.11	U	<	0.18	U	0.52		3.8				
	4/25/03	SS		650		0.78		<	0.49	U	<	2.4	U	<	0.16	U	<	0.68	U	<	0.24	U	<	0.50	U	<	0.82	U	<	0.95	U	<	2.2
Residential 148	4/24/03	AA	On table near center of full basement	0.27	U	0.21	U	<	0.16	U	<	0.79	U	<	0.051	U	<	0.22	U	<	0.079	U	<	0.16	U	<	0.26	U	0.63	<	0.69	U	
	4/24/03	IA		1.7	J	1.0	J	<	0.17	U	<	0.83	U		0.23		5.3	<	0.083	U	<	0.17	U	<	0.28	U	0.88	U	9.7				
	4/24/03	IA - Dup		9.0	J	1.8	J	<	0.14	U	<	0.69	U	<	0.027	U	5.6	<	0.069	U	<	0.14	U	<	0.23	U	0.88	U	11				
	4/24/03	SS		69		180		<	0.27	U	<	0.87	U	<	0.056	U	18	<	0.087	U	<	0.18	U	<	0.29	U	1.6	<	0.77	U			
Residential 149	4/30/03	AA	On table 8' from S wall and 10 ft. from E. wall.	0.23	U	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	0.22	<	0.066	U	<	0.13	U	<	0.22	U	0.86		1.2				
	4/30/03	AA - Dup		0.24	U	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.34	<	0.069	U	<	0.14	U	<	0.23	U	0.68		1.2				
	4/30/03	IA		0.26	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	0.34	<	0.069	U	<	0.14	U	<	0.23	U	<	0.27	U	1.3			
	4/30/03	SS		29		4.7		<	0.23	U	<	0.72	U	<	0.046	U	1.6	<	0.072	U	<	0.15	U	<	0.27	U	<	0.28	U	2.0			
	4/30/03	SS - Lab Dup		27		4.3		<	0.20	U	<	0.72	U	<	0.046	U	1.5	<	0.072	U	<	0.15	U	<	0.24	U	<	0.28	U	1.9			
Residential 150	4/27/03	AA	On table in SW portion of basement 6 ft. from west wall.	0.32	<	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	0.23	<	0.066	U	<	0.13	U	<	0.22	U	0.89		1.0				
	4/27/03	IA		1.8		0.26		<	0.14	U	<	0.69	U	<	0.044	U	0.94	<	0.069	U	<	0.14	U	<	0.23	U	0.48		0.62				
	4/27/03	IA - Lab Dup		1.8		0.24		<	0.14	U	<	0.69	U	<	0.044	U	0.98	<	0.069	U	<	0.14	U	<	0.23	U	0.49		0.61				
	4/27/03	SS		290		68		<	1.3	U	<	1.2	U	<	0.079	U	10	<	0.12	U	<	0.25	U	<	0.41	U	1.0	<	1.1	U			
Residential 151	4/27/03	SS - Dup	280		64		<	1.2	U	<	1.3	U	<	0.085	U	8.6	<	0.13	U	<	0.27	U	<	0.44	U	1.4		1.2					
	5/1/03	AA	0.24	<	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.27	<	0.064	U	<	0.13	U	<	0.21	U	0.83		0.94					
	5/1/03	IA	1.1	<	0.18	U	<	0.14	U	<	0.68	U	<	0.044	U	0.28	<	0.068	U	<	0.14	U	<	0.22	U	0.75		0.91					
Residential 152	5/1/03	SS	1,600		14		<	1.5	U	<	7.7	U	<	0.050	U	<	2.1	U	<	0.77	U	<	1.6	U	<	2.6	U	<	3.0	U	<	6.7	U
	4/27/03	AA	0.31	<	0.16	U	<	0.12	U	<	0.60	U	<	0.039	U	0.20	<	0.060	U	<	0.12	U	<	0.20	U	0.72		0.68					
	4/27/03	IA	1.1	<	0.18	U	<	0.13	U	<	0.65	U		0.040	J	1.2	<	0.065	U	<	0.13	U		0.23		0.70		0.92					
	4/27/03	SS Dup	790		6.5		<	0.49	U	<	2.4	U	<	0.16	U	1.5	<	0.24	U	<	0.50	U	<	0.82	U	<	0.95	U	<	2.2	U		
Residential 153	4/30/03	AA	On table, 3 ft. from S wall and 10 ft. from E. wall.	0.22	U	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.19	<	0.064	U	<	0.13	U	<	0.21	U	0.77		0.78				
	4/30/03	IA		0.22	U	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	0.26	<	0.064	U	<	0.13	U	<	0.21	U	0.85		1.4				
	4/30/03	SS		7.9		1.3		<	0.13	U	<	0.66	U	<	0.043	U	0.85	<	0.066	U	<	0.13	U	<	0.22	U	0.78	<	0.58	U			

TABLE 4
Summary of Analytical Laboratory Results
Phase III Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																			
				PCE	TCE	c-1,2-DCE	t-1,2-DCE	VC	1,1,1-TCA	1,1-DCE	1,1-DCA	Cane	Freon 113	MeCL									
Residential 154	4/26/03	AA	Near center of basement - approximately 10 ft. W of E wall.	0.51	< 0.18	U	< 0.13	U	< 0.66	U	< 0.043	U	< 0.18	U	< 0.066	U	< 0.13	U	< 0.22	U	0.45	< 0.58	U
	4/26/03	IA		0.24	< 0.17	U	< 0.12	U	< 0.62	U	< 0.040	U	0.26	< 0.062	U	< 0.13	U	< 0.21	U	0.44	0.64		
	4/26/03	SS		0.80			< 0.13	U	< 0.66	U	< 0.043	U	2.8	< 0.066	U	< 0.13	U	< 0.22	U	0.59	< 0.58	U	
	4/26/03	SS - Lab Dup		0.83			< 0.13	U	< 0.66	U	< 0.043	U	2.9	< 0.066	U	< 0.13	U	< 0.22	U	0.61	< 0.58	U	
Residential 155	4/15/03	AA	On boxes in eastern central portion of basement 15' from E wall	0.42	< 0.19	U	0.22	< 0.70	U	0.14		0.20	< 0.070	U	< 0.14	U	< 0.23	U	0.62	1.9			
	4/15/03	IA		0.43			< 0.12	U	< 0.60	U	< 0.039	U	0.20	< 0.060	U	< 0.12	U	< 0.2	U	0.65	1.6		
	4/15/03	SS		3.4			< 0.14	U	< 0.68	U	< 0.044	U	9.7	< 0.068	U	< 0.14	U	< 0.22	U	0.69	< 0.59	U	
	4/15/03	SS - Dup		3.3			< 0.13	U	< 0.65	U	< 0.042	U	9.5	< 0.065	U	< 0.13	U	0.44		0.62	< 0.57	U	
Residential 156	4/29/03	AA	On stool 2' from E wall and 13' from S wall.	< 0.22	U	< 0.18	U	< 0.13	U	< 0.65	U	< 0.042	U	0.24	< 0.065	U	< 0.13	U	< 0.22	U	0.85	0.63	
	4/29/03	IA		< 0.24	U	0.92	< 0.14	U	< 0.70	U	< 0.045	U	0.73	< 0.070	U	< 0.14	U	< 0.23	U	0.85	2.0		
	4/29/03	SS		< 1.3	U	450	< 0.77	U	< 3.8	U	< 0.25	U	64	< 0.74	U	< 0.78	U	< 1.3	U	< 1.5	U	< 3.4	U
	4/29/03	1/α		-		489	-		-		-		88	> 11		-		-		-		-	
Residential 157	4/23/03	AA	On shelf 4' above ground 15' from west wall.	1.4		0.32	< 0.13	U	< 0.65	U	< 0.042	U	< 0.18	U	< 0.065	U	< 0.13	U	< 0.22	U	0.61	2.4	
	4/23/03	IA		< 0.23	U	0.18	U	< 0.13	U	< 0.66	U	< 0.043	U	< 0.18	U	< 0.066	U	< 0.13	U	< 0.22	U	0.65	90
	4/23/03	SS		2.2		1.0	< 0.15	U	< 0.65	U	< 0.042	U	0.63	< 0.065	U	1.9	< 0.22	U	0.40	74			
Residential 158	4/17/03	AA	On workbench 15 ft. from SE corner.	0.25	< 0.18	U	< 0.13	U	< 0.65	U	< 0.042	U	0.26	< 0.065	U	< 0.13	U	< 0.22	U	0.73	0.91		
	4/17/03	IA		2.2	< 0.17	U	< 0.12	U	< 0.62	U	< 0.040	U	26	< 0.062	U	< 0.13	U	< 0.21	U	0.69	6.6		
	4/17/03	IA- Lab Dup		2.1	< 0.17	U	< 0.12	U	< 0.62	U	< 0.040	U	24	< 0.062	U	< 0.13	U	< 0.21	U	0.69	6.3		
	4/17/03	SS		0.63	< 0.72	U	< 0.15	U	< 0.77	U	< 0.050	U	4.7	< 0.077	U	< 0.16	U	0.44		0.63	< 0.67	U	
Residential 159	4/17/03	AA	On bookshelf 3 feet from east wall.	0.44	< 0.16	U	< 0.12	U	< 0.60	U	< 0.039	U	0.27	< 0.060	U	< 0.12	U	< 0.20	U	0.74	0.92		
	4/17/03	IA		0.66	< 0.18	U	< 0.13	U	< 0.65	U	< 0.042	U	0.30	< 0.065	U	< 0.13	U	< 0.22	U	0.68	1.1		
	4/17/03	SS		270		7.3	< 0.90	U	0.087		5.1		0.57	< 0.54	U	< 0.30	U	0.84	6				
Residential 160	4/15/03	AA	On air conditioner in central part of basement	0.56	< 0.19	U	< 0.14	U	< 0.70	U	< 0.045	U	0.26	< 0.070	U	< 0.14	U	< 0.23	U	0.56	2.0		
	4/15/03	IA		0.94	< 0.18	U	< 0.13	U	< 0.65	U	0.044		1.8	< 0.065	U	< 0.13	U	< 0.22	U	0.54	23		
	4/15/03	SS		25		0.54	< 0.13	U	< 0.65	U	< 0.042	U	2.8	< 0.065	U	< 0.13	U	< 0.22	U	0.55	6.1		
Residential 161	4/16/03	AA	On shelf 12 feet from west wall.	< 0.25	U	< 0.20	U	< 0.14	U	< 0.72	U	< 0.046	U	0.24	< 0.072	U	< 0.15	U	0.32	0.74	0.87		
	4/16/03	IA		14		0.51	< 0.11	U	< 0.57	U	< 0.037	U	0.27	< 0.057	U	< 0.12	U	0.24	0.71	3.6			
	4/16/03	SS		48		8.3	< 0.59	U	< 0.038	U	79		0.59	< 0.46	U	< 0.2	U	0.77	5.1				
Residential 162	4/25/03	AA	On table near north wall	0.33	< 0.15	U	< 0.11	U	< 0.57	U	< 0.037	U	0.21	< 0.057	U	< 0.12	U	< 0.19	U	0.68	0.92		
	4/25/03	IA - A		0.23	J	< 0.18	U	< 0.14	U	< 0.68	U	< 0.044	U	0.38	< 0.068	U	< 0.14	U	0.72	0.73	0.63		
	4/25/03	IA - B		0.26	< 0.20	U	< 0.14	U	< 0.72	U	< 0.046	U	0.33	< 0.072	U	< 0.15	U	< 0.24	U	0.76	0.66		
	4/25/03	SS		0.54	< 0.19	U	< 0.14	U	< 0.69	U	< 0.044	U	2.5	< 0.069	U	< 0.14	U	< 0.23	U	0.62	< 0.60	U	
Residential 163	4/15/03	AA	On dresser in finished portion of basement 15' from NE corner of basement	0.52	< 0.20	U	< 0.14	U	< 0.72	U	< 0.046	U	0.22	< 0.072	U	< 0.15	U	< 0.24	U	0.58	1.7		
	4/15/03	AA- Lab Dup		0.50	< 0.20	U	< 0.14	U	< 0.72	U	< 0.046	U	0.21	< 0.072	U	< 0.15	U	< 0.24	U	0.56	1.7		
	4/15/03	IA		2.7		0.29	< 0.14	U	< 0.68	U	0.051		2.4	< 0.068	U	< 0.14	U	0.71	0.57	8.1			
	4/15/03	SS- Grab		1.1		1.5	< 0.14	U	< 0.70	U	< 0.045	U	1.4	< 0.070	U	< 0.14	U	< 0.23	U	0.60	1.3		
Commercial 015	4/25/03	AA	On workbench along north wall of building.	< 0.22	U	0.23	< 0.13	U	< 0.64	U	< 0.041	U	0.22	< 0.064	U	< 0.13	U	< 0.21	U	0.63	2.8		
	4/25/03	IA		0.88	< 0.19	U	< 0.14	U	< 0.69	U	< 0.044	U	1.2	< 0.069	U	< 0.14	U	< 0.23	U	0.68	4.6		
	4/25/03	IA - Dup		0.88	< 0.17	U	< 0.13	U	< 0.64	U	< 0.041	U	1.2	< 0.064	U	< 0.13	U	< 0.21	U	0.50	4.6		
	4/25/03	SS		6.5		2.0	< 0.14	U	< 0.69	U	< 0.044	U	45	< 0.15	< 0.14	U	< 0.23	U	2.4	0.67			

TABLE 4
Summary of Analytical Laboratory Results
Phase III Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																					
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		McCL	
Multiuse 024	4/27/03	AA		0.64		0.22	U	0.17	U	0.83	U	0.054	U	0.23	U	0.083	U	0.17	U	0.28	U	0.87		1.5	
	4/27/03	IA -A	N end of general dry cleaning area near steam pressing machines	1,800		11		3.8	U	15	U	2.4	U	5.7		3.8	U	3.8	U	2.5	U	7.3	U	3.3	U
	4/27/03	IA Lab Dup		1,800		11		3.8		15		2.4		5.4		3.8		3.8		2.5		7.3		3.3	
	4/27/03	IA -B	On shelf in west central portion of uniform cleaning area.	200		6.8		0.25		0.72	U	0.88		0.34		0.072	U	0.15	U	0.24	U	0.88		2.0	
	4/27/03	IA -C	On shelf in small basement beneath general dry cleaning area.	340		8.4		0.50		1.4	U	1.4		0.37	U	0.14	U	0.28	U	0.45	U	0.83		3.0	
	4/27/03	SS -A		25,000		100	U	77	U	310	U	50	U	150		77	U	78	U	51	U	150	U	67	U
	4/27/03	SS -B		130,000		360	U	270	U	1100	U	170	U	370	U	270	U	280	U	180	U	520	U	240	U
4/27/03	SS -C		2,600		30		4.6	U	18	U	3.0	U	19		4.6	U	4.7	U	3.0	U	12		4.0	U	
Residential 164	4/24/03	AA		0.34		0.18	U	0.13	U	0.65	U	0.042	U	0.18	U	0.065	U	0.13	U	0.22	U	0.88		0.56	J
	4/24/03	AA -Dup		0.36		0.15	U	0.11	U	0.55	U	0.035	U	0.16		0.055	U	0.11	U	0.18	U	0.86		0.61	
	4/24/03	IA	On storage tote 10' from west wall	1.2		0.19	U	0.14	U	0.69	U	0.044	U	2.3		0.069	U	0.14	U	0.23	U	0.85		0.73	
	4/24/03	SS		4.8		0.93		0.13	U	0.65	U	0.042	U	4.1		0.065	U	0.13	U	0.37	J	1.6		0.66	
Residential 165	4/15/03	AA		1.0		0.31		0.14	U	0.69	U	0.044	U	0.23		0.069	U	0.14	U	0.23	U	0.73		2.9	
	4/15/03	IA	On boxes in eastern central portion of basement.	0.71		0.32		0.14	U	0.68	U	0.044	U	0.23		0.068	U	0.14	U	0.22	U	0.66		2.9	
	4/15/03	SS		30		1.0		0.14	U	0.69	U	0.044	U	5.1		0.069	U	0.14	U	0.23	U	1.3		0.60	U
Residential 166	4/30/03	AA		0.24	U	0.19	U	0.14	U	0.69	U	0.044	U	0.23		0.069	U	0.14	U	0.23	U	0.61		1.0	
	4/30/03	IA	On dresser in finished basement 10 ft. from N wall and ~15 ft. from W wall.	0.21		0.15	U	0.11	U	0.57	U	0.037	U	0.24		0.057	U	0.12	U	0.19	U	0.22	U	0.81	
	4/30/03	SS		10		0.18		0.11	U	0.53	U	0.034	U	0.45		0.053	U	0.11	U	0.18	U	0.44		0.81	
Commercial 016	4/15/03	AA		0.84		0.19		0.14	U	0.69	U	0.044	U	0.21		0.069	U	0.14	U	0.23	U	0.62		3.4	
	4/15/03	IA	NE part of building on sawhorse 25' from south	50	J	2.4	J	0.32	U	1.6	U	0.10	U	7.3	J	0.16	U	0.32	U	0.52	U	0.66	J	100	J
	4/15/03	IA - Dup		51	J	2.4	J	0.28	U	1.4	U	0.091	U	7.4	J	0.14	U	0.29	U	0.47	U	0.80	J	110	J
	4/15/03	SS -A		940		8.2		0.6	U	3	U	0.19	U	6.1		0.30	U	0.61	U	1.0	U	1.2	U	10	
	4/15/03	SS -B		1,100		20		0.68	U	3.4	U	0.22	U	12		0.34	U	0.69	U	1.1	U	1.3	J	5.6	
Multiuse 025	4/29/03	AA		0.24	U	0.19	U	0.14	U	0.69	U	0.044	U	0.23		0.069	U	0.14	U	0.23	U	0.84		0.67	
	4/29/03	IA	On storage shelves in W central portion basement - 3 ft. from W wall in boiler room.	1.3		0.18	U	0.14	U	0.68	U	0.044	U	0.25		0.068	U	0.14	U	0.22	U	0.85		1.0	
Residential 167	4/15/03	SS		2.0		3.0		0.20	U	1.0	U	0.065	U	4.0		0.10	U	0.21	U	0.34	U	0.86		1.0	
	4/15/03	AA		0.45		0.19	U	0.14	U	0.69	U	0.044	U	0.21		0.069	U	0.14	U	0.23	U	0.54		1.5	
	4/15/03	IA	On picnic bench 7 ft. from east wall	0.36		2.9		0.18		0.68	U	0.087		0.48		0.068	U	0.14	U	0.22	U	0.58		2.1	
Residential 168	4/15/03	SS		6.4		1,200		3.3	U	13	U	2.1	U	88		7.2		3.4	U	2.2	U	6.4	U	2.9	U
	4/26/03	AA		0.24		0.17	U	0.13	U	0.64	U	0.041	U	0.22		0.06	U	0.13	U	0.21	U	0.25	U	0.56	U
	4/26/03	IA	On table along W wall of building - 20 ft. from S wall	0.43		2.5		0.12	U	0.60	U	0.039	U	14		0.17		0.12	U	0.20	U	0.85		0.82	U
	4/26/03	IA - Dup		0.31		2.4		0.13	U	0.64	U	0.041	U	14		0.18		0.13	U	0.21	U	0.81		0.80	U
Multiuse 026	4/26/03	SS		5.9	U	1,500		3.4	U	14	U	2.2	U	94		8.4		3.5	U	2.3	U	33		3.0	U
	4/25/03	AA		0.23		0.15	U	0.11	U	0.56	U	0.036	U	0.21		0.056	U	0.11	U	0.19	U	0.67		0.65	
	4/25/03	IA	On ice machine in SW portion of basement.	3.2		0.20	U	0.15	U	0.75	U	0.048	U	0.88		0.089		0.15	U	0.25	U	0.75		0.93	
	4/25/03	SS		0.97	U	9.9		0.57	U	2.8	U	0.18	U	610		21		0.58	U	0.95	U	4.5		2.5	U
Multiuse 027	4/30/03	AA		0.21	U	0.17	U	0.12	U	0.62	U	0.040	U	0.29		0.062	U	0.13	U	0.21	U	0.33		0.55	U
	4/30/03	IA	West central portion of basement 6' from west wall.	0.24		0.19	U	0.14	U	0.69	U	0.11		0.40		0.069	U	0.14	U	0.23	U	0.55		0.66	
	4/30/03	SS		4.9		0.35		0.14	U	0.68	U	0.044	U	0.55		0.068	U	0.14	U	0.22	U	0.35		0.59	U

TABLE 4
Summary of Analytical Laboratory Results
Phase III Extended Area Sampling
Groundwater Vapor Project, Endicott, NY

Tax Record Use Category Generic ID	Sample Date	Sample Type	Indoor Sample Location	Analytical Laboratory Results (µg/m ³)																												
				PCE		TCE		c-1,2-DCE		t-1,2-DCE		VC		1,1,1-TCA		1,1-DCE		1,1-DCA		Cane		Freon 113		MeCL								
Multiuse 030	4/29/03	AA		0.33	<	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.26	<	0.069	U	<	0.14	U	<	0.23	UJ	0.87		0.80		
	4/29/03	IA - A	On shelf in SW portion of basement ~4.5 ft. above floor.	0.26		0.35		<	0.15	U	<	0.74	U		0.59			0.39	<	0.074	U	<	0.15	U		0.51		0.85		1.3		
	4/29/03	IA - B	On shelf in NE portion of basement ~4.5' above floor.	0.42		0.30		<	0.14	U	<	0.72	U		0.09			0.39	<	0.072	U	<	0.15	U		0.42		0.83		1.3		
	4/29/03	SS		0.92		410		<	0.46	U	<	2.3	U	<	0.15	U		160		0.33		<	0.47	U	<	0.76	UJ	1.6		2	J	
	4/29/03	SS Dup		0.96		480		<	0.51	U	<	2.6	U	<	0.16	U		190		0.26		<	0.52	U	<	0.85	UJ	1.9	<	2.2	U	
Residential 175	4/17/03	AA		0.22	U	0.18	U	<	0.13	U	<	0.65	U	<	0.042	U	<	0.18	U	<	0.065	U	<	0.13	U	<	0.22	U	0.61		0.57	U
	4/17/03	IA	On TV 5 feet from North wall of basement.	1.5		0.19	U	<	0.14	U	<	0.69	U	<	0.044	U		1.6		0.069		<	0.14	U	<	0.23	U	0.64		11		
	4/17/03	IA- Lab Dup		1.5		0.19		<	0.14		<	0.69		<	0.044			1.6		0.069		<	0.14		<	0.23		0.62		11		
	4/17/03	SS		1.1		1.0		<	0.13	U	<	0.66	U	<	0.043	U		14		0.066		<	0.13	U	<	0.22	U	0.55		0.66		
Residential 176	4/23/03	AA		0.23	U	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U		0.23		0.066		<	0.13	U	<	0.22	UJ	0.65		0.58	U	
	4/23/03	IA	On shelf along S wall of building 10' from W wall.	0.70		0.16	U	<	0.12	U	<	0.60	U		0.17			7.0		0.060		<	0.12	U	<	0.20	UJ	0.40		4.4		
	4/23/03	SS		1.9		0.89		<	0.14	U	<	0.68	U	<	0.044	U		1.5		0.068		<	0.14	U	<	0.22	UJ	0.56		0.64		
Equipment Blanks	4/14/03	EB		0.19	U	0.15	U	<	0.11	U	<	0.56	U	<	0.036	U	<	0.15	U	<	0.056	U	<	0.11	U	<	0.19	U	0.22	U	0.49	U
	4/15/03	EB		0.24	U	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	<	0.23	U	0.27	U	0.6	U
	4/16/03	EB		0.2	U	0.16	U	<	0.12	U	<	0.58	U	<	0.037	U	<	0.16	U	<	0.058	U	<	0.12	U	<	0.19	U	0.22	U	0.51	U
	4/17/03	EB		0.28	U	0.22	U	<	0.16	U	<	0.81	U	<	0.052	U	<	0.22	U	<	0.081	U	<	0.16	U	<	0.27	U	0.31	U	0.71	U
	4/22/03	EB		0.25	U	0.20		<	0.14	U	<	0.72	U	<	0.046	U	<	0.2	U	<	0.072	U	<	0.15	U	<	0.24	U	0.28	U	0.63	U
	4/23/03	EB		0.24	U	0.19	U	<	0.14	U	<	0.7	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U	0.27	U	0.62	U
	4/24/03	EB		0.24	U	0.19	U	<	0.14	U	<	0.7	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U	0.27	U	0.62	U
	4/25/03	EB		0.24	U	0.19	U	<	0.14	U	<	0.7	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U	0.27	U	0.62	U
	4/26/03	EB		0.22	U	0.17	U	<	0.13	U	<	0.64	U	<	0.041	U	<	0.18	U	<	0.064	U	<	0.13	U	<	0.21	UJ	0.25	U	0.56	U
	4/27/03	EB		0.24	U	0.19	U	<	0.14	U	<	0.69	U	<	0.044	U	<	0.19	U	<	0.069	U	<	0.14	U	<	0.23	U	0.27	U	0.6	U
	4/28/03	EB		0.24	U	0.19	U	<	0.14	U	<	0.7	U	<	0.045	U	<	0.19	U	<	0.07	U	<	0.14	U	<	0.23	U	0.27	U	0.62	U
	4/28/03	EB		0.21	U	0.21		<	0.12	U	<	0.62	U	<	0.04	U	<	0.17	U	<	0.062	U	<	0.13	U	<	0.21	U	0.24	U	0.55	U
	4/29/03	EB		0.23	U	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	0.26	U	0.58	U
	5/1/03	EB		0.23	U	0.18	U	<	0.13	U	<	0.66	U	<	0.043	U	<	0.18	U	<	0.066	U	<	0.13	U	<	0.22	U	0.26	U	0.58	U

NOTES:

- This table is intended to summarize the findings of the collection and analysis of indoor air, substructure soil vapor, and ambient (outdoor) air at selected structures. The samples were collected by SHA personnel on the dates indicated using laboratory-provided, pre-evacuated stainless steel Summa canisters equipped with 24-hour flow restriction valves. The samples therefore nominally represent 24-hour time integrated air samples. The samples were submitted to Air Toxics LTD of Folsom, California for analysis of volatile organic compounds (VOCs) using gas chromatography and mass spectrometry in accordance with USEPA Compendium Method TO-15. Samples exhibiting low levels of VOCs were analyzed via Selective Ion Monitoring (SIM) methods. The analytical results are presented in units of micrograms per cubic meter (µg/m³). Emboldened values indicate concentrations greater than the laboratory reporting limit. "<" = denotes that the compound was not detected. The sample and compound-specific laboratory reporting limit reflecting the amount of dilution is posted for comparison among samples. Values flagged with a "J" reflect an estimated value.
- The Tax Record Use Category Generic ID represents a nominal sample location designation based on the general use category listed in Broome County Tax Map records provided electronically to SHA between September 2002 and March 2003.
- The sample type codes posted in column 3 include: AA = Ambient Air; IA = Indoor Air; SS = Substructure Soil Vapor; EB = Equipment Blank
-A, -B, -C = Field-defined location A, B or C in those structures with multiple sampling locations (see Field Sampling Summary for details).
-Bldg -1 or -2 = Field-defined building identification number on those properties where multiple buildings were sampled (see Field Sampling Summary for details).
-DUP = Results of duplicate sample collected at specified location.
-LAB DUP = Laboratory run duplicate sample.
- Compound Acronym Legend: PCE = Tetrachloroethene, TCE = Trichloroethene, cis-1,2-DCE = cis-1,2-Dichloroethene, trans-1,2-DCE = trans-1,2-Dichloroethene, VC = Vinyl Chloride, 1,1,1-TCA = 1,1,1-Trichloroethane, 1,1-DCE = 1,1-Dichloroethene, 1,1-DCA = 1,1-Dichloroethane, Cane = Chloroethane, Freon 113 = Trichloro-1,2,2-trifluoroethane, and MeCL = Methylene Chloride.
- The data qualifiers shown in red reflect those added as a result of data validation & usability assessment performed by New Environmental Horizons, Inc. (NEH) of Skillman New Jersey. The assessment was performed in accordance with the requirements of the December 30, 2002 Action Plan to assess the data against project data quality objectives for acceptable accuracy, precision, sensitivity, and technical usability. The findings were submitted in data usability assessment reports dated May 5 through 30, 2003 and were added to the electronic data deliverable from the laboratory, and are reflected in this table. The data was found to be useable for the project objectives, subject to the qualifiers outlined as follows and discussed in greater detail in the report text.

"J" data qualifiers generally reflect imprecision for field duplicate samples (field duplicate imprecision), or duplicates reflecting greater than the Action Plan goal of relative percent difference values < 30% which reflects an indeterminate bias.