

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-40 27-May-98 Bailer	MW-40 18-Nov-98 Bailer	MW-40 29-Jul-99 Bailer	MW-40* 5-Apr-00 Bailer	MW-40* 28-Aug-01 Bailer	MW-40* 4-Mar-02 Diffusion Bag	MW-40* 4-Mar-02 DUP-2 Diffusion Bag
Organics									
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>									
Tetrachloroethene		5	1.8	-	1.7	3.3	3.3	2.8	2.7
Trichloroethene		5	5.5	3.3	-	12	10	13	13
cis-1,2-Dichloroethene		70	-	-	-	-	-	-	-
trans-1,2-Dichloroethene		100	-	-	-	-	-	-	-
Vinyl Chloride		2	-	-	-	-	-	-	-
1,1,1-Trichloroethane		200	-	-	-	-	-	-	-
1,1-Dichloroethane		70	-	-	-	-	-	-	-
1,1-Dichloroethene		1	-	-	-	-	-	-	-
Chloroform		5	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-	-	-	-	-
1,2-Dichloroethane		5	-	-	-	NA	NA	NA	NA
Chloroethane		1,000	-	-	-	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-	-	-	-	-	-	-
Bromodichloromethane		5	-	-	-	NA	NA	NA	NA
Acetone		3,000	-	-	-	NA	NA	NA	NA
Methyl tert butyl ether		70	-	-	-	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	-	-	-	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-	-	-	-	-
1,3-Dichlorobenzene		600	-	-	-	-	-	-	-
1,4-Dichlorobenzene		5	-	-	-	-	-	-	-
Chlorobenzene		100	-	-	-	-	-	-	-
Isopropylbenzene		10,000	-	-	-	NA	NA	NA	NA
sec-Butylbenzene		NS	-	-	-	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	-	-	-	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	-	-	-	NA	NA	NA	NA
Naphthalene		20	-	-	-	NA	NA	NA	NA
Benzene		5	-	-	-	NA	NA	NA	NA
Toluene		1,000	-	-	-	NA	NA	NA	NA
Ethylbenzene		700	-	-	-	NA	NA	NA	NA
Xylenes		6,000	-	-	-	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

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Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-40S 27-May-98 Bailer	MW-40S 18-Nov-98 Bailer	MW-40S 18-Nov-98 DUP-ERM Bailer	MW-40S* 29-Jul-99 Bailer	MW-40S* 5-Apr-00 Bailer	MW-40S* 28-Aug-01 Bailer	MW-40S* 4-Mar-02 Diffusion Bag
Organics									
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>									
Tetrachloroethene		5	1.8	2.9	2.8	-	1.8	1.7	1.0
Trichloroethene		5	12	16	16	8.6	16	14	5.6
cis-1,2-Dichloroethene		70	-	-	-	-	-	-	-
trans-1,2-Dichloroethene		100	-	-	-	-	-	-	-
Vinyl Chloride		2	-	-	-	-	-	-	-
1,1,1-Trichloroethane		200	-	-	-	-	-	-	-
1,1-Dichloroethane		70	-	-	-	-	-	-	-
1,1-Dichloroethene		1	-	-	-	-	-	-	-
Chloroform		5	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-	-	-	-	-
1,2-Dichloroethane		5	-	-	-	NA	NA	NA	NA
Chloroethane		1,000	-	-	-	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-	-	-	-	-	-	-
Bromodichloromethane		5	-	-	-	NA	NA	NA	NA
Acetone		3,000	-	-	-	NA	NA	NA	NA
Methyl tert butyl ether		70	-	-	-	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	-	-	-	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-	-	-	-	-
1,3-Dichlorobenzene		600	-	-	-	-	-	-	-
1,4-Dichlorobenzene		5	-	-	-	-	-	-	-
Chlorobenzene		100	-	-	-	-	-	-	-
Isopropylbenzene		10,000	-	-	-	NA	NA	NA	NA
sec-Butylbenzene		NS	-	-	-	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	-	-	-	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	-	-	-	NA	NA	NA	NA
Naphthalene		20	-	-	-	NA	NA	NA	NA
Benzene		5	-	-	-	NA	NA	NA	NA
Toluene		1,000	-	-	-	NA	NA	NA	NA
Ethylbenzene		700	-	-	-	NA	NA	NA	NA
Xylenes		6,000	-	-	-	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

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Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-41 27-May-98	MW-41 17-Nov-98	MW-41 28-Jul-99	MW-41* 6-Apr-00	MW-41 12-Oct-00	MW-41* 28-Aug-01	MW-41* 4-Mar-02
			Bailer	Bailer	Bailer	Bailer	Bailer	Bailer	Diffusion Bag
Organics									
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>									
Tetrachloroethene		5	-	-	-	-	0.7	0.71	-
Trichloroethene		5		3.2			6	5.8	3.5
cis-1,2-Dichloroethene		70		-			0.5	-	-
trans-1,2-Dichloroethene		100		-			-	-	-
Vinyl Chloride		2		-			-	-	-
1,1,1-Trichloroethane		200		-			-	-	-
1,1-Dichloroethane		70		-			-	-	-
1,1-Dichloroethene		1		-			-	-	-
Chloroform		5		-			-	-	-
1,1,2,2-Tetrachloroethane		2		-			-	-	-
1,2-Dichloroethane		5		-		NA	-	NA	NA
Chloroethane		1,000		-		NA	-	NA	NA
Trichlorofluoromethane		10,000		-			0.8	-	-
Bromodichloromethane		5		-		NA	-	NA	NA
Acetone		3,000		-		NA	-	NA	NA
Methyl tert butyl ether		70		-		NA	-	NA	NA
1,2,3-Trichlorobenzene		NS		-		NA	-	NA	NA
1,2-Dichlorobenzene		600		-			-	-	-
1,3-Dichlorobenzene		600		-			-	-	-
1,4-Dichlorobenzene		5		-			-	-	-
Chlorobenzene		100		-			-	-	-
Isopropylbenzene		10,000		-		NA	-	NA	NA
sec-Butylbenzene		NS		-		NA	-	NA	NA
1,3,5-Trimethylbenzene		100		-		NA	-	NA	NA
1,2,4-Trimethylbenzene		10,000		-		NA	-	NA	NA
Naphthalene		20		-		NA	-	NA	NA
Benzene		5		-		NA	-	NA	NA
Toluene		1,000		-		NA	-	NA	NA
Ethylbenzene		700		-		NA	-	NA	NA
Xylenes		6,000		-		NA	-	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

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Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-42S 17-Nov-98 Bailer	MW-42S* 29-Jul-99 Bailer	MW-42S* 5-Apr-00 Bailer	MW-42S* 27-Aug-01 Bailer	MW-42S* 4-Mar-02 Diffusion Bag
Organics							
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>							
Tetrachloroethene		5	4.9	-	1.0	1.3	-
Trichloroethene		5	14	2.9	3.3	4.0	0.78
cis-1,2-Dichloroethene		70	-	-	-	-	-
trans-1,2-Dichloroethene		100	-	-	-	-	-
Vinyl Chloride		2	-	-	-	-	-
1,1,1-Trichloroethane		200	-	-	-	-	-
1,1-Dichloroethane		70	-	-	-	-	-
1,1-Dichloroethene		1	-	-	-	-	-
Chloroform		5	-	-	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-	-	-
1,2-Dichloroethane		5	-	NA	NA	NA	NA
Chloroethane		1,000	-	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-	5.8	-	-	-
Bromodichloromethane		5	-	NA	NA	NA	NA
Acetone		3,000	-	NA	NA	NA	NA
Methyl tert butyl ether		70	-	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	-	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-	-	-
1,3-Dichlorobenzene		600	-	-	-	-	-
1,4-Dichlorobenzene		5	-	-	-	-	-
Chlorobenzene		100	-	-	-	-	-
Isopropylbenzene		10,000	-	NA	NA	NA	NA
sec-Butylbenzene		NS	-	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	-	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	-	NA	NA	NA	NA
Naphthalene		20	-	NA	NA	NA	NA
Benzene		5	-	NA	NA	NA	NA
Toluene		1,000	-	NA	NA	NA	NA
Ethylbenzene		700	-	NA	NA	NA	NA
Xylenes		6,000	-	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

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Organics									
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>									
Tetrachloroethene		5	-	-	2.1	-	-	-	7.4
Trichloroethene		5	350	280	180	170	560	530	600
cis-1,2-Dichloroethene		70	8.6	-	3.9	3.6	9.6	-	-
trans-1,2-Dichloroethene		100	-	-	-	-	-	-	-
Vinyl Chloride		2	-	-	-	-	-	-	-
1,1,1-Trichloroethane		200	-	-	-	-	-	-	-
1,1-Dichloroethane		70	-	-	-	-	-	-	-
1,1-Dichloroethene		1	-	-	-	-	-	-	-
Chloroform		5	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-	-	-	-	-
1,2-Dichloroethane		5	-	NA	NA	NA	NA	NA	NA
Chloroethane		1,000	-	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-	-	1.6	3.0	-	-	7.4
Bromodichloromethane		5	-	NA	NA	NA	NA	NA	NA
Acetone		3,000	-	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether		70	-	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	-	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-	-	-	-	-
1,3-Dichlorobenzene		600	-	-	-	3.4	-	-	-
1,4-Dichlorobenzene		5	-	-	-	-	-	-	-
Chlorobenzene		100	-	-	-	-	-	-	-
Isopropylbenzene		10,000	-	NA	NA	NA	NA	NA	NA
sec-Butylbenzene		NS	-	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	-	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	-	NA	NA	NA	NA	NA	NA
Naphthalene		20	-	NA	NA	NA	NA	NA	NA
Benzene		5	-	NA	NA	NA	NA	NA	NA
Toluene		1,000	-	NA	NA	NA	NA	NA	NA
Ethylbenzene		700	-	NA	NA	NA	NA	NA	NA
Xylenes		6,000	-	NA	NA	NA	NA	NA	NA

Notes:

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NA = Not Analyzed

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Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-43S* 11-Jul-00 STEP 1515 Bailer	MW-43S* 11-Jul-00 STEP 1530 Bailer	MW-43S* 27-Aug-01 Bailer	MW-43S* 12-Dec-01 Bailer	MW-43S* 18-Feb-02 Bailer	MW-43S* 4-Mar-02 Diffusion Bag	MW-43S* 11-Apr-02 Low-Flow	MW-43S* 6-Jun-02 Low-Flow
Organics										
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>										
Tetrachloroethene		5	-	-	5.8	-	-	-	-	2.4
Trichloroethene		5	370	330	290					2.7
cis-1,2-Dichloroethene		70	-	-	-					-
trans-1,2-Dichloroethene		100	-	-	-					-
Vinyl Chloride		2	-	-	-					-
1,1,1-Trichloroethane		200	-	-	-					-
1,1-Dichloroethane		70	-	-	-					-
1,1-Dichloroethene		1	-	-	-					-
Chloroform		5	-	-	-					-
1,1,2,2-Tetrachloroethane		2	-	-	-					-
1,2-Dichloroethane		5	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane		1,000	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane		10,000	5.1	-	-					-
Bromodichloromethane		5	NA	NA	NA	NA	NA	NA	NA	NA
Acetone		3,000	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether		70	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-					-
1,3-Dichlorobenzene		600	-	-	-					-
1,4-Dichlorobenzene		5	-	-	-					-
Chlorobenzene		100	-	-	-					-
Isopropylbenzene		10,000	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene		NS	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene		20	NA	NA	NA	NA	NA	NA	NA	NA
Benzene		5	NA	NA	NA	NA	NA	NA	NA	NA
Toluene		1,000	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene		700	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes		6,000	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-43D 6-Apr-00 Watterra	MW-43D* 10-Jul-00 Watterra	MW-43D* 27-Aug-01 Watterra	MW-43D* 12-Dec-01 Low Flow	MW-43D* 18-Feb-02 Low Flow	MW-43D* 1-Mar-02 Diffusion Bag	MW-43D* 11-Apr-02 Low Flow	MW-43D* 6-Jun-02 Low Flow
Organics										
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>			-	-	-	-	-	-	-	-
Tetrachloroethene		5								
Trichloroethene		5								
cis-1,2-Dichloroethene		70								
trans-1,2-Dichloroethene		100								
Vinyl Chloride		2								
1,1,1-Trichloroethane		200								
1,1-Dichloroethane		70								
1,1-Dichloroethene		1								
Chloroform		5								
1,1,2,2-Tetrachloroethane		2								
1,2-Dichloroethane		5		NA	NA	NA	NA	NA	NA	NA
Chloroethane		1,000		NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane		10,000								
Bromodichloromethane		5		NA	NA	NA	NA	NA	NA	NA
Acetone		3,000		NA	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether		70		NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS		NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		600								
1,3-Dichlorobenzene		600								
1,4-Dichlorobenzene		5								
Chlorobenzene		100								
Isopropylbenzene		10,000		NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene		NS		NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100		NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000		NA	NA	NA	NA	NA	NA	NA
Naphthalene		20		NA	NA	NA	NA	NA	NA	NA
Benzene		5		NA	NA	NA	NA	NA	NA	NA
Toluene		1,000		NA	NA	NA	NA	NA	NA	NA
Ethylbenzene		700		NA	NA	NA	NA	NA	NA	NA
Xylenes		6,000		NA	NA	NA	NA	NA	NA	NA

Notes:

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Organics							
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>							
Tetrachloroethene		5	-	-	-	-	2.6
Trichloroethene		5				0.78	13
cis-1,2-Dichloroethene		70				-	-
trans-1,2-Dichloroethene		100				-	-
Vinyl Chloride		2				-	-
1,1,1-Trichloroethane		200				-	0.63
1,1-Dichloroethane		70				-	-
1,1-Dichloroethene		1				-	-
Chloroform		5				-	-
1,1,2,2-Tetrachloroethane		2				-	-
1,2-Dichloroethane		5				NA	NA
Chloroethane		1,000				NA	NA
Trichlorofluoromethane		10,000				-	-
Bromodichloromethane		5				NA	NA
Acetone		3,000				NA	NA
Methyl tert butyl ether		70				NA	NA
1,2,3-Trichlorobenzene		NS				NA	NA
1,2-Dichlorobenzene		600				-	-
1,3-Dichlorobenzene		600				-	-
1,4-Dichlorobenzene		5				-	-
Chlorobenzene		100				-	-
Isopropylbenzene		10,000				NA	NA
sec-Butylbenzene		NS				NA	NA
1,3,5-Trimethylbenzene		100				NA	NA
1,2,4-Trimethylbenzene		10,000				NA	NA
Naphthalene		20				NA	NA
Benzene		5				NA	NA
Toluene		1,000				NA	NA
Ethylbenzene		700				NA	NA
Xylenes		6,000				NA	NA

Notes:

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	Sampling Method		Waterra	Waterra	Waterra	Waterra	Diffusion Bag
Organics							
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>			-	-	-	-	-
Tetrachloroethene		5					
Trichloroethene		5					
cis-1,2-Dichloroethene		70					
trans-1,2-Dichloroethene		100					
Vinyl Chloride		2					
1,1,1-Trichloroethane		200					
1,1-Dichloroethane		70					
1,1-Dichloroethene		1					
Chloroform		5					
1,1,2,2-Tetrachloroethane		2					
1,2-Dichloroethane		5			NA	NA	NA
Chloroethane		1,000			NA	NA	NA
Trichlorofluoromethane		10,000					
Bromodichloromethane		5			NA	NA	NA
Acetone		3,000			NA	NA	NA
Methyl tert butyl ether		70			NA	NA	NA
1,2,3-Trichlorobenzene		NS			NA	NA	NA
1,2-Dichlorobenzene		600					
1,3-Dichlorobenzene		600					
1,4-Dichlorobenzene		5					
Chlorobenzene		100					
Isopropylbenzene		10,000			NA	NA	NA
sec-Butylbenzene		NS			NA	NA	NA
1,3,5-Trimethylbenzene		100			NA	NA	NA
1,2,4-Trimethylbenzene		10,000			NA	NA	NA
Naphthalene		20			NA	NA	NA
Benzene		5			NA	NA	NA
Toluene		1,000			NA	NA	NA
Ethylbenzene		700			NA	NA	NA
Xylenes		6,000			NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-44D 18-Nov-98 Waterra	MW-44D 29-Jul-99 Waterra	MW-44D* 6-Apr-00 Waterra	MW-44D* 27-Aug-01 Waterra	MW-44D* 4-Mar-02 Diffusion Bag
Organics							
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>			-	-	-	-	-
Tetrachloroethene		5					
Trichloroethene		5					
cis-1,2-Dichloroethene		70					
trans-1,2-Dichloroethene		100					
Vinyl Chloride		2					
1,1,1-Trichloroethane		200					
1,1-Dichloroethane		70					
1,1-Dichloroethene		1					
Chloroform		5					
1,1,2,2-Tetrachloroethane		2					
1,2-Dichloroethane		5			NA	NA	NA
Chloroethane		1,000			NA	NA	NA
Trichlorofluoromethane		10,000					
Bromodichloromethane		5			NA	NA	NA
Acetone		3,000			NA	NA	NA
Methyl tert butyl ether		70			NA	NA	NA
1,2,3-Trichlorobenzene		NS			NA	NA	NA
1,2-Dichlorobenzene		600					
1,3-Dichlorobenzene		600					
1,4-Dichlorobenzene		5					
Chlorobenzene		100					
Isopropylbenzene		10,000			NA	NA	NA
sec-Butylbenzene		NS			NA	NA	NA
1,3,5-Trimethylbenzene		100			NA	NA	NA
1,2,4-Trimethylbenzene		10,000			NA	NA	NA
Naphthalene		20			NA	NA	NA
Benzene		5			NA	NA	NA
Toluene		1,000			NA	NA	NA
Ethylbenzene		700			NA	NA	NA
Xylenes		6,000			NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

meter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-45S 17-Nov-98 Bailer	MW-45S* 28-Jul-99 Bailer	MW-45S* 14-Sep-99 Bailer	MW-45S* 5-Apr-00 Bailer	MW-45S* 10-Jul-00 Bailer	MW-45S* 10-Jul-00 DUP-ERM Bailer	MW-45S* 28-Aug-01 Bailer	MW-45S* 4-Mar-02 Diffusion Bag
Organics										
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>										
	Tetrachloroethene	5	-	1.5	1.1	1.2	1.0	-	2.1	1.4
	Trichloroethene	5	5.4	8.4	8.0	8.4	6.0	5.4	8.4	10
	cis-1,2-Dichloroethene	70	-	-	-	-	-	-	-	-
	trans-1,2-Dichloroethene	100	-	-	-	-	-	-	-	-
	Vinyl Chloride	2	-	-	-	-	-	-	-	-
	1,1,1-Trichloroethane	200	-	-	-	-	-	-	-	-
	1,1-Dichloroethane	70	-	-	-	-	-	-	-	-
	1,1-Dichloroethene	1	-	-	-	-	-	-	-	-
	Chloroform	5	-	-	-	-	-	-	-	-
	1,1,2,2-Tetrachloroethane	2	-	-	-	-	-	-	-	-
	1,2-Dichloroethane	5	-	NA	NA	NA	NA	NA	NA	NA
	Chloroethane	1,000	-	NA	NA	NA	NA	NA	NA	NA
	Trichlorofluoromethane	10,000	-	-	-	-	-	-	-	-
	Bromodichloromethane	5	-	NA	NA	NA	NA	NA	NA	NA
	Acetone	3,000	-	NA	NA	NA	NA	NA	NA	NA
	Methyl tert butyl ether	70	-	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	NS	-	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene	600	-	-	-	-	-	-	-	-
	1,3-Dichlorobenzene	600	-	-	-	-	-	-	-	-
	1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-
	Chlorobenzene	100	-	-	-	-	-	-	-	-
	Isopropylbenzene	10,000	-	NA	NA	NA	NA	NA	NA	NA
	sec-Butylbenzene	NS	-	NA	NA	NA	NA	NA	NA	NA
	1,3,5-Trimethylbenzene	100	-	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	10,000	-	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	20	-	NA	NA	NA	NA	NA	NA	NA
	Benzene	5	-	NA	NA	NA	NA	NA	NA	NA
	Toluene	1,000	-	NA	NA	NA	NA	NA	NA	NA
	Ethylbenzene	700	-	NA	NA	NA	NA	NA	NA	NA
	Xylenes	6,000	-	NA	NA	NA	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-45M 17-Nov-98 Waterra	MW-45M* 28-Jul-99 Waterra	MW-45M* 14-Sep-99 Waterra	MW-45M* 5-Apr-00 Waterra	MW-45M* 10-Jul-00 Waterra	MW-45M* 11-Jul-00 STEP 0900	MW-45M* 11-Jul-00 STEP 0915	MW-45M* 11-Jul-00 STEP 0930
Organics										
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>										
Tetrachloroethene	5	-	-	-	-	-	-	-	-	-
Trichloroethene	5	81	130	140	120	99	120	120	120	120
cis-1,2-Dichloroethene	70	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	100	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200	24	32	39	24	21	28	26	27	27
1,1-Dichloroethane	70	-	1.2	-	1.5	1.5	-	-	-	-
1,1-Dichloroethene	1	6.2	8.6	7.3	3.3	3.3	3.6	3.8	4.0	4.0
Chloroform	5	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	2	-	-	-	-	-	16	-	-	-
1,2-Dichloroethane	5	-	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	1,000	-	NA	NA	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	10,000	-	-	-	-	-	-	-	-	-
Bromodichloromethane	5	-	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	3,000	-	NA	NA	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether	70	-	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NS	-	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	600	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-	-
Isopropylbenzene	10,000	-	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NS	-	NA	NA	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	100	-	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	10,000	-	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	20	-	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	-	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	1,000	-	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	-	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes	6,000	-	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-45M* 28-Aug-01 Waterra	MW-45M* 28-Aug-01 DUP-ERM Waterra	MW-45M* 4-Mar-02 Diffusion Bag
Organics					
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>					
Tetrachloroethene		5	-	-	-
Trichloroethene		5	97	88	150
cis-1,2-Dichloroethene		70	-	-	-
trans-1,2-Dichloroethene		100	-	-	-
Vinyl Chloride		2	-	-	-
1,1,1-Trichloroethane		200	24	24	30
1,1-Dichloroethane		70	1.4	1.5	2.4
1,1-Dichloroethene		1	4.5	4.7	9.9
Chloroform		5	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-
1,2-Dichloroethane		5	NA	NA	NA
Chloroethane		1,000	NA	NA	NA
Trichlorofluoromethane		10,000	-	-	-
Bromodichloromethane		5	NA	NA	NA
Acetone		3,000	NA	NA	NA
Methyl tert butyl ether		70	NA	NA	NA
1,2,3-Trichlorobenzene		NS	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-
1,3-Dichlorobenzene		600	-	-	-
1,4-Dichlorobenzene		5	-	-	-
Chlorobenzene		100	-	-	-
Isopropylbenzene		10,000	NA	NA	NA
sec-Butylbenzene		NS	NA	NA	NA
1,3,5-Trimethylbenzene		100	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	NA	NA	NA
Naphthalene		20	NA	NA	NA
Benzene		5	NA	NA	NA
Toluene		1,000	NA	NA	NA
Ethylbenzene		700	NA	NA	NA
Xylenes		6,000	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D.	MCP Reportable Concentrations GW-1	MW-45D*	MW-45D*	MW-45D	MW-45D*	MW-45D*	MW-45D*	MW-45D*
	Date Sampled		19-Aug-99	14-Sep-99	14-Sep-99	5-Apr-00	10-Jul-00	28-Aug-01	4-Mar-02
	Comments		Bailer	Bailer	Bailer	Bailer	Bailer	Bailer	Bailer
	Sampling Method								Diffusion Bag
Organics									
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>									
Tetrachloroethene		5	1.8	1.5	1.8	1.0	1.9	-	-
Trichloroethene		5	120	110	95	70	81	51	59
cis-1,2-Dichloroethene		70	4.5	4.5	4.4	3.8	3.1	3.0	3.4
trans-1,2-Dichloroethene		100	-	-	-	-	-	-	-
Vinyl Chloride		2	-	-	-	-	-	-	-
1,1,1-Trichloroethane		200	-	-	-	-	-	-	-
1,1-Dichloroethane		70	-	-	-	-	-	-	-
1,1-Dichloroethene		1	-	-	-	-	-	-	-
Chloroform		5	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-	-	-	-	-
1,2-Dichloroethane		5	NA	NA	-	NA	NA	NA	NA
Chloroethane		1,000	NA	NA	-	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-	-	-	-	-	-	-
Bromodichloromethane		5	NA	NA	-	NA	NA	NA	NA
Acetone		3,000	NA	NA	-	NA	NA	NA	NA
Methyl tert butyl ether		70	NA	NA	-	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	NA	NA	-	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-	-	-	-	-
1,3-Dichlorobenzene		600	-	-	-	-	-	-	-
1,4-Dichlorobenzene		5	-	-	-	-	-	-	-
Chlorobenzene		100	-	-	-	-	-	-	-
Isopropylbenzene		10,000	NA	NA	-	NA	NA	NA	NA
sec-Butylbenzene		NS	NA	NA	-	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	NA	NA	-	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	NA	NA	-	NA	NA	NA	NA
Naphthalene		20	NA	NA	-	NA	NA	NA	NA
Benzene		5	NA	NA	-	NA	NA	NA	NA
Toluene		1,000	NA	NA	-	NA	NA	NA	NA
Ethylbenzene		700	NA	NA	-	NA	NA	NA	NA
Xylenes		6,000	NA	NA	-	NA	NA	NA	NA

Notes:
 * = VOC analysis for chlorinated compounds only by EPA Method 8021B.
 - = Analytical result below the method detection limit.
 NS = No Standard
 Bold data indicates exceedence of RCGW-1
 µg/l=micrograms per liter (parts per billion (ppb))
 Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-45B* 5-Apr-00 Waterra	MW-45B* 19-Jul-00 Waterra	MW-45B* 28-Aug-01 Waterra	MW-45B* 4-Mar-02 Diffusion Bag
Organics						
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>						
Tetrachloroethene		5	-	-	-	-
Trichloroethene		5	4.4	7.5	7.8	33
cis-1,2-Dichloroethene		70	-	-	-	1.6
trans-1,2-Dichloroethene		100	-	-	-	-
Vinyl Chloride		2	-	-	-	-
1,1,1-Trichloroethane		200	-	-	-	-
1,1-Dichloroethane		70	-	-	-	-
1,1-Dichloroethene		1	-	-	-	-
Chloroform		5	-	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-	-
1,2-Dichloroethane		5	NA	NA	NA	NA
Chloroethane		1,000	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-	-	-	-
Bromodichloromethane		5	NA	NA	NA	NA
Acetone		3,000	NA	NA	NA	NA
Methyl tert butyl ether		70	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-	-
1,3-Dichlorobenzene		600	-	-	-	-
1,4-Dichlorobenzene		5	-	-	-	-
Chlorobenzene		100	-	-	-	-
Isopropylbenzene		10,000	NA	NA	NA	NA
sec-Butylbenzene		NS	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	NA	NA	NA	NA
Naphthalene		20	NA	NA	NA	NA
Benzene		5	NA	NA	NA	NA
Toluene		1,000	NA	NA	NA	NA
Ethylbenzene		700	NA	NA	NA	NA
Xylenes		6,000	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-46S 17-Nov-98	MW-46S 29-Jul-99	MW-46S* 6-Apr-00	MW-46S* 10-Jul-00	MW-46S* 10-Jul-00 DUP-ERM	MW-46S* 28-Aug-01	MW-46S* 4-Mar-02
			Bailer	Bailer	Bailer	Bailer	Bailer	Bailer	Diffusion Bag
Organics									
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>				-	-	-	-	-	-
Tetrachloroethene		5	-						
Trichloroethene		5	1.4						
cis-1,2-Dichloroethene		70	-						
trans-1,2-Dichloroethene		100	-						
Vinyl Chloride		2	-						
1,1,1-Trichloroethane		200	-						
1,1-Dichloroethane		70	-						
1,1-Dichloroethene		1	-						
Chloroform		5	-						
1,1,2,2-Tetrachloroethane		2	-						
1,2-Dichloroethane		5	-		NA	NA	NA	NA	NA
Chloroethane		1,000	-		NA	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-						
Bromodichloromethane		5	-		NA	NA	NA	NA	NA
Acetone		3,000	-		NA	NA	NA	NA	NA
Methyl tert butyl ether		70	-		NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	-		NA	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-						
1,3-Dichlorobenzene		600	-						
1,4-Dichlorobenzene		5	-						
Chlorobenzene		100	-						
Isopropylbenzene		10,000	-		NA	NA	NA	NA	NA
sec-Butylbenzene		NS	-		NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	-		NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	-		NA	NA	NA	NA	NA
Naphthalene		20	-		NA	NA	NA	NA	NA
Benzene		5	-		NA	NA	NA	NA	NA
Toluene		1,000	-		NA	NA	NA	NA	NA
Ethylbenzene		700	-		NA	NA	NA	NA	NA
Xylenes		6,000	-		NA	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-46M 18-Nov-98 Waterra	MW-46M* 29-Jul-99 Waterra	MW-46M* 6-Apr-00 Waterra	MW-46M* 10-Jul-00 Waterra	MW-46M* 28-Aug-01 Waterra	MW-46M* 4-Mar-02 Diffusion Bag
Organics								
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>								
Tetrachloroethene		5	-	-	-	-	-	0.73
Trichloroethene		5	4.1	9.0	8.1	5.4	4.2	5.0
cis-1,2-Dichloroethene		70	-	-	-	-	-	-
trans-1,2-Dichloroethene		100	-	-	-	-	-	-
Vinyl Chloride		2	-	-	-	-	-	-
1,1,1-Trichloroethane		200	-	-	-	-	3.0	4.0
1,1-Dichloroethane		70	-	-	-	-	-	-
1,1-Dichloroethene		1	-	2.1	2.1	1.5	2.5	4.0
Chloroform		5	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane		2	-	-	-	-	-	-
1,2-Dichloroethane		5	-	NA	NA	NA	NA	NA
Chloroethane		1,000	-	NA	NA	NA	NA	NA
Trichlorofluoromethane		10,000	-	-	-	-	-	-
Bromodichloromethane		5	-	NA	NA	NA	NA	NA
Acetone		3,000	-	NA	NA	NA	NA	NA
Methyl tert butyl ether		70	-	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene		NS	-	NA	NA	NA	NA	NA
1,2-Dichlorobenzene		600	-	-	-	-	-	-
1,3-Dichlorobenzene		600	-	-	-	-	-	-
1,4-Dichlorobenzene		5	-	-	-	-	-	-
Chlorobenzene		100	-	-	-	-	-	-
Isopropylbenzene		10,000	-	NA	NA	NA	NA	NA
sec-Butylbenzene		NS	-	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene		100	-	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene		10,000	-	NA	NA	NA	NA	NA
Naphthalene		20	-	NA	NA	NA	NA	NA
Benzene		5	-	NA	NA	NA	NA	NA
Toluene		1,000	-	NA	NA	NA	NA	NA
Ethylbenzene		700	-	NA	NA	NA	NA	NA
Xylenes		6,000	-	NA	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-47S 11/17/1998 Bailer	MW-47S 28-Jul-99 Bailer	MW-47S* 14-Sep-99 Bailer	MW-47S* 5-Apr-00 Bailer	MW-47S* 10-Jul-00 Bailer	MW-47S* 28-Aug-01 Bailer	MW-47S* 4-Mar-02 Diffusion Bag
Organics									
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>									
Tetrachloroethene	5	3.8	-	-	-	-	-	-	1.9
Trichloroethene	5	2.4	-	-	1.8	43	13	15	26
cis-1,2-Dichloroethene	70	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	100	-	-	-	-	-	-	-	-
Vinyl Chloride	2	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200	-	-	-	12	3.8	4.4	6.8	-
1,1-Dichloroethane	70	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1	-	-	-	-	-	-	-	-
Chloroform	5	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	2	-	-	-	-	-	-	-	-
1,2-Dichloroethane	5	-	-	NA	NA	NA	NA	NA	NA
Chloroethane	1,000	-	-	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	10,000	-	-	-	-	-	-	-	-
Bromodichloromethane	5	-	-	NA	NA	NA	NA	NA	NA
Acetone	3,000	-	-	NA	NA	NA	NA	NA	NA
Methyl tert butyl ether	70	-	-	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	NS	-	-	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	600	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-
Isopropylbenzene	10,000	-	-	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NS	-	-	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	100	-	-	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	10,000	-	-	NA	NA	NA	NA	NA	NA
Naphthalene	20	-	-	NA	NA	NA	NA	NA	NA
Benzene	5	-	-	NA	NA	NA	NA	NA	NA
Toluene	1,000	-	-	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	-	-	NA	NA	NA	NA	NA	NA
Xylenes	6,000	-	-	NA	NA	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

- = Analytical result below the method detection limit.

NS = No Standard

NA = Not Analyzed

µg/l=micrograms per liter (parts per billion (ppb))

Bold data indicates exceedence of RCGW-1

Table 4
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

meter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-47M 17-Nov-98 Waterra	MW-47M* 28-Jul-99 Waterra	MW-47M* 14-Sep-99 Waterra	MW-47M* 5-Apr-00 Waterra	MW-47M* 5-Apr-00 DUP-ERM Waterra	MW-47M* 10-Jul-00 Bailer	MW-47M* 29-Aug-01 Waterra	MW-47M* 4-Mar-02 Diffusion Bag	MW-47M* 4-Mar-02 DUP-1 Diffusion Bag
Organics											
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>											
	Tetrachloroethene	5	-	-	-	1.7	1.6	6.2	2.7	-	-
	Trichloroethene	5	67	160	110	140	120	63	67	160	120
	cis-1,2-Dichloroethene	70	4.6	9.6	6.5	7.8	7.9	4.0	4.3	12	8.8
	trans-1,2-Dichloroethene	100	-	-	-	-	-	-	-	-	-
	Vinyl Chloride	2	-	-	-	-	-	-	-	-	-
	1,1,1-Trichloroethane	200	-	-	-	-	-	-	-	-	-
	1,1-Dichloroethane	70	-	-	-	-	-	-	-	-	-
	1,1-Dichloroethene	1	-	-	-	-	-	-	-	-	-
	Chloroform	5	-	-	-	-	-	-	-	-	-
	1,1,2,2-Tetrachloroethane	2	-	-	-	-	-	-	-	-	-
	1,2-Dichloroethane	5	-	NA	NA	NA	NA	NA	NA	NA	NA
	Chloroethane	1,000	-	NA	NA	NA	NA	NA	NA	NA	NA
	Trichlorofluoromethane	10,000	-	-	-	-	-	-	-	-	-
	Bromodichloromethane	5	-	NA	NA	NA	NA	NA	NA	NA	NA
	Acetone	3,000	-	NA	NA	NA	NA	NA	NA	NA	NA
	Methyl tert butyl ether	70	-	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	NS	-	NA	NA	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene	600	-	-	-	-	-	-	-	-	-
	1,3-Dichlorobenzene	600	-	-	-	-	-	-	-	-	-
	1,4-Dichlorobenzene	5	-	-	-	-	1.6	-	-	-	-
	Chlorobenzene	100	-	-	-	-	-	-	-	-	-
	Isopropylbenzene	10,000	-	NA	NA	NA	NA	NA	NA	NA	NA
	sec-Butylbenzene	NS	-	NA	NA	NA	NA	NA	NA	NA	NA
	1,3,5-Trimethylbenzene	100	-	NA	NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	10,000	-	NA	NA	NA	NA	NA	NA	NA	NA
	Naphthalene	20	-	NA	NA	NA	NA	NA	NA	NA	NA
	Benzene	5	-	NA	NA	NA	NA	NA	NA	NA	NA
	Toluene	1,000	-	NA	NA	NA	NA	NA	NA	NA	NA
	Ethylbenzene	700	-	NA	NA	NA	NA	NA	NA	NA	NA
	Xylenes	6,000	-	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

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meter	Sample I.D. Date Sampled Comments Sampling Method	MCP Reportable Concentrations GW-1	MW-47D 17-Nov-98 Waterra	MW-47D* 28-Jul-99 Waterra	MW-47D* 28-Jul-99 DUP-ERM Waterra	MW-47D* 14-Sep-99 Waterra	MW-47D* 5-Apr-00 Waterra	MW-47D* 10-Jul-00 Waterra	MW-47D* 28-Aug-01 Waterra	MW-47D* 4-Mar-02 Diffusion Bag
Organics										
<i>Volatile Organic Compounds (VOCs) (µg/l)</i>										
	Tetrachloroethene	5	-	-	-	-	-	1.0	1.3	-
	Trichloroethene	5		5.6	2.9	4.3	2.4	11	10	5.9
	cis-1,2-Dichloroethene	70		-	-	-	-	-	1.2	-
	trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-
	Vinyl Chloride	2		-	-	-	-	-	-	-
	1,1,1-Trichloroethane	200		-	-	-	-	-	-	-
	1,1-Dichloroethane	70		-	-	-	-	-	-	-
	1,1-Dichloroethene	1		-	-	-	-	-	-	-
	Chloroform	5		-	-	-	-	-	-	-
	1,1,2,2-Tetrachloroethane	2		-	-	-	-	-	-	-
	1,2-Dichloroethane	5		NA	NA	NA	NA	NA	NA	NA
	Chloroethane	1,000		NA	NA	NA	NA	NA	NA	NA
	Trichlorofluoromethane	10,000		-	-	-	-	-	-	-
	Bromodichloromethane	5		NA	NA	NA	NA	NA	NA	NA
	Acetone	3,000		NA	NA	NA	NA	NA	NA	NA
	Methyl tert butyl ether	70		NA	NA	NA	NA	NA	NA	NA
	1,2,3-Trichlorobenzene	NS		NA	NA	NA	NA	NA	NA	NA
	1,2-Dichlorobenzene	600		-	-	-	-	-	-	-
	1,3-Dichlorobenzene	600		-	-	-	-	-	-	-
	1,4-Dichlorobenzene	5		-	-	-	-	-	-	-
	Chlorobenzene	100		-	-	-	-	-	-	-
	Isopropylbenzene	10,000		NA	NA	NA	NA	NA	NA	NA
	sec-Butylbenzene	NS		NA	NA	NA	NA	NA	NA	NA
	1,3,5-Trimethylbenzene	100		NA	NA	NA	NA	NA	NA	NA
	1,2,4-Trimethylbenzene	10,000		NA	NA	NA	NA	NA	NA	NA
	Naphthalene	20		NA	NA	NA	NA	NA	NA	NA
	Benzene	5		NA	NA	NA	NA	NA	NA	NA
	Toluene	1,000		NA	NA	NA	NA	NA	NA	NA
	Ethylbenzene	700		NA	NA	NA	NA	NA	NA	NA
	Xylenes	6,000		NA	NA	NA	NA	NA	NA	NA

Notes:

* = VOC analysis for chlorinated compounds only by EPA Method 8021B.

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