Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-221	B-221	B-221	B-221	B-221	B-221	B-221	B-221	B-222	B-222	B-222	B-222	B-222	B-222	B-222	B-223	B-223	B-223	B-223	B-223	B-223
		Date Sampled	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	12-Aug-02	13-Aug-02	13-Aug-02	13-Aug-02	13-Aug-02	13-Aug-02	13-Aug-02
		Depth (ft)	12.93	19.75	25.54	30.2	39.14	44	49.08	54.4	10.67	15.83	20.83	25.83	30.83	34.8	42.59	48.07	20.4	24.34	30.1	35.33	40.98	46.83
		Comments																						
Volatile Organic Compounds (ug/l)																								
Tetrachloroethene	5		-	**10.5**	**12**	-	-	-	-	-	-	-	-	**8**	-	-	-	-	-	**11**	-	-	-	-
Trichloroethene	5		**12**	**37.8**	**12**	-	-	-	-	-	-	-	**11**	**7.6**	**14**	-	-	-	**6**	**58**	**14**	**9.4**	**9**	-
cis-1,2-Dichloroethene	70		16.4	29.9	10.4	-	-	-	-	-	-	-	8	39.5	**75**	-	-	-	6	49	**100**	37.6	11	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000																							
Chloroform	5																							
Ethyl Ether	1,000																							
Chlorobenzene	100																							
Tert-Amyl Methyl Ether (TAME)	NE																							
Benzene	5																							
Toluene	1,000																							
Ethylbenzene	700																							
O-Xylene	6,000																							
p/m-Xylene	6,000																							
Methyl tert butyl ether	70																							

Notes:
- = Analytical result below the method detection limit
NE = Not Established
Empty Cells = Not Analyzed
DUP = Field Duplicate
ug/L=micrograms per liter
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Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-224	B-224	B-224	B-224	B-224	B-224	B-225	B-225	B-225	B-225	B-225	B-225	B-226	B-226	B-226	B-226	B-226	B-226	B-226	B-227	B-227	B-227	B-227	B-227
		Date Sampled	13-Aug-02	13-Aug-02	13-Aug-02	13-Aug-02	13-Aug-02	13-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	14-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02
		Depth (ft)	13.29	18.78	25.79	29.63	34.93	39.09	24.81	30.2	35.2	40.2	48	55.2	30.27	35.4	39.6	44.9	48.7	52.62	56.85	37.53	41.2	45	49.74	54.95
		Comments																								
Volatile Organic Compounds (ug/l)																										
Tetrachloroethene	5		-	**7.3**	-	**6**	-	-	**18**	**6**	**9**	-	-	-	-	-	**13**	-	-	-	-	-	**9.73**	**49.8**	**39.6**	-
Trichloroethene	5		-	-	-	-	-	-	**45**	**9**	-	-	-	-	-	**11**	**41**	**13**	**7**	**13**	-	-	**89.3**	**310**	**800**	**98.3**
cis-1,2-Dichloroethene	70		-	27.8	-	-	-	-	44	**120**	-	-	-	-	-	10	**83**	**130**	**87**	49	-	-	33.1	**160**	**450**	**77.4**
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000																									
Chloroform	5																									
Ethyl Ether	1,000																									
Chlorobenzene	100																									
Tert-Amyl Methyl Ether (TAME)	NE																									
Benzene	5																									
Toluene	1,000																									
Ethylbenzene	700																									
O-Xylene	6,000																									
p/m-Xylene	6,000																									
Methyl tert butyl ether	70																									

Notes:
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Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-228	B-228	B-228	B-228	B-228	B-228	B-228	B-229	B-229	B-229	B-229	B-229	B-229	B-230	B-230	B-230	B-230	B-230	B-230	B-231	B-231	B-231	B-231	B-231	B-231
		Date Sampled	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	15-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02	16-Aug-02
		Depth (ft)	18.43	24.9	29.9	35.52	49.9	54.9	54.9	32.03	32.03	37.09	37.09	42.26	53.72	45.47	45.47	51.36	55.34	65.34	70.11	34.23	40	45	50	58.08	69.63
		Comments						Split	Split	Split	Split	Split	Split			Split	Split										
Volatile Organic Compounds (ug/l)																											
Tetrachloroethene	5		**57**	**21**	-	**18.52**	**5.58**	-	**8.8**	**40**	**45.33**	-	-	-	-	-	-	**54.64**	**6.86**	-	-	-	-	-	-	-	-
Trichloroethene	5		**340**	**24**	-	**8.55**	-	**99**	-	**1800**	**1540**	-	-	-	-	**8.9**	**8.7**	**1400**	**290**	-	-	**31**	-	-	-	-	-
cis-1,2-Dichloroethene	70		**120**	**440**	-	6.69	-	58	-	**160**	**150**	-	-	-	-	38	40.58	**9910**	**780**	-	-	7.47	16.38	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	**28**	-	-	-	-	-	-	**45.74**	-	-	-	-	-	-	**230**	**230**	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		10	10	-	9.5	-	-	6.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.7	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000							-		-		-				-											
Chloroform	5							-		-		-				-											
Ethyl Ether	1,000							-		-		-				-											
Chlorobenzene	100							-		-		-				-											
Tert-Amyl Methyl Ether (TAME)	NE																										
Benzene	5							-		-		-				-											
Toluene	1,000							-		-		-				-											
Ethylbenzene	700							-		-		-				-											
O-Xylene	6,000							-		-		-				-											
p/m-Xylene	6,000							-		-		-				-											
Methyl tert butyl ether	70							-		-		-				-											

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Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-232	B-233	B-233	B-233	B-233	B-233	B-233	B-233	B-234	B-234	B-234	B-234	B-234	B-234	B-234	B-235	B-235	B-235	B-235	B-235	B-235	B-235
		Date Sampled	16-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	20-Aug-02	20-Aug-02	20-Aug-02	20-Aug-02	20-Aug-02	20-Aug-02	20-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02	21-Aug-02
		Depth (ft)	75.15	17.83	25.15	33.49	44.99	50.15	55.01	59.2	15.46	19.6	24.96	29	42.61	47.59	52.3	21.86	27	34.7	40.53	45.9	55.54	59.4
		Comments																						
Volatile Organic Compounds (ug/l)																								
Tetrachloroethene	5		**13**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		**1320**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		**3430**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		**180**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		12.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000																							
Chloroform	5																							
Ethyl Ether	1,000																							
Chlorobenzene	100																							
Tert-Amyl Methyl Ether (TAME)	NE																							
Benzene	5																							
Toluene	1,000																							
Ethylbenzene	700																							
O-Xylene	6,000																							
p/m-Xylene	6,000																							
Methyl tert butyl ether	70																							

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ug/L=micrograms per liter
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Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-236	B-236	B-236	B-236	B-236	B-236	B-236	B-237	B-237	B-239	B-240	B-240	B-240	B-240	B-240	B-240	B-241	B-241	B-242
		Date Sampled	22-Aug-02	22-Aug-02	22-Aug-02	22-Aug-02	22-Aug-02	22-Aug-02	22-Aug-02	22-Aug-02	22-Aug-02	22-Aug-02	23-Aug-02	23-Aug-02	23-Aug-02	23-Aug-02	23-Aug-02	23-Aug-02	23-Aug-02	23-Aug-02	23-Aug-02
		Depth (ft)	24.9	33.9	41.64	46.6	55.05	59.99	63.65	29.2	70.8	73.4	36.58	41.2	45.22	50.59	54.99	62.97	20.1	25.05	20.15
		Comments																			
Volatile Organic Compounds (ug/l)																					
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	**60.05**	**15**	-	-	-	**560**	-	**5.14**
Trichloroethene	5		-	-	-	-	-	-	-	-	-	-	-	**1140**	**130**	**56.9**	**66.16**	-	**17040**	**88.8**	**740**
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	**800**	**1440**	**110**	**200**	-	**510**	**97.4**	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.17	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	**33.19**	**230**	-	-	-	-	**130**	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-	17.91	-
Carbon Disulfide	1,000																				
Chloroform	5																				
Ethyl Ether	1,000																				
Chlorobenzene	100																				
Tert-Amyl Methyl Ether (TAME)	NE																				
Benzene	5																				
Toluene	1,000																				
Ethylbenzene	700																				
O-Xylene	6,000																				
p/m-Xylene	6,000																				
Methyl tert butyl ether	70																				

Notes:
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Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	B-407	B-407	B-407	B-407	B-407	B-408	B-408	B-408	B-408	B-408	B-408	B-408	B-408	B-409	B-409	B-409	B-409	B-409	B-409	B-409	B-409
		Date Sampled	11-Feb-04	11-Feb-04	11-Feb-04	11-Feb-04	11-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04	10-Feb-04
		Depth (ft)	24.7	30	39	44.7	48.3	20.5	25.4	28.7	36.1	45.4	50.4	53.4	59	20.5	25.5	26.7	30.1	35.3	42.5	49.6	55.5
Parameter	RCGW-1	Comments																					
Volatile Organic Compounds (ug/l)																							
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		33	**130**	**23**	-	-	**9**	**300**	**54**	**38**	-	-	-	-	-	-	-	**27**	**26**	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		6	-	-	-	-	-	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000																						
Chloroform	5																						
Ethyl Ether	1,000																						
Chlorobenzene	100																						
Tert-Amyl Methyl Ether (TAME)	NE																						
Benzene	5																						
Toluene	1,000																						
Ethylbenzene	700																						
O-Xylene	6,000																						
p/m-Xylene	6,000																						
Methyl tert butyl ether	70		**160**	7	-	-	-					-	-	-	-	-	-	-			-	-	-

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Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D. Date Sampled Depth (ft) Comments	B-411 10-Mar-04 29.05	B-411 10-Mar-04 34.4	B-411 10-Mar-04 43	B-411 11-Mar-04 48	B-411 11-Mar-04 53	B-411 11-Mar-04 58.05	B-411 11-Mar-04 63.15	B-411 11-Mar-04 71	B-411 11-Mar-04 75.95	B-411 11-Mar-04 80	B-412 12-Mar-04 15.6	B-412 15-Mar-04 45	B-412 15-Mar-04 54.15
Volatile Organic Compounds (ug/l)															
Tetrachloroethene	5		-	-	-	0.78	-	-	-	-	-	-	-	-	-
Trichloroethene	5		-	-	**6**	**5.4**	-	-	-	-	-	-	-	-	**8**
cis-1,2-Dichloroethene	70		-	2.3	8.1	4.2	-	-	-	-	-	-	-	-	45
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	1.8
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	1.3	1.9	-	-	-	-	-	-	-	-	-	1.3
Carbon Disulfide	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Amyl Methyl Ether (TAME)	NE		-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-

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Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-412	B-412	B-412	B-412	B-412	B-413	B-413	B-413	B-413	B-413	B-413	B-413	B-413	B-413	B-414	B-414	B-414	B-414	B-414
		Date Sampled	15-Mar-04	15-Mar-04	15-Mar-04	15-Mar-04	15-Mar-04	24-Feb-04	24-Feb-04	24-Feb-04	25-Feb-04	25-Feb-04	25-Feb-04	26-Feb-04	26-Feb-04	26-Feb-04	26-Feb-04	27-Feb-04	02-Mar-04	02-Mar-04	02-Mar-04	02-Mar-04
		Depth (ft)	60	65	70	75	80.75	19.3	29.2	67.35	72	77	81.6	86.7	91.6	99.25	105.5	22.5	63.85	70	75	81.55
		Comments																				
Volatile Organic Compounds (ug/l)																						
Tetrachloroethene	5		3.9	-	-	-	-	-	-	-	-	-	-	**33**	**28**	**12**	**38**	-	-	-	-	-
Trichloroethene	5		**45**	**24**	-	-	-	-	-	-	-	-	**160**	**850**	**670**	**530**	**660**	-	-	-	-	-
cis-1,2-Dichloroethene	70		**130**	**120**	1	1.1	0.68	-	-	-	-	-	46	**200**	**270**	**170**	**1600**	-	-	-	-	-
trans-1,2-Dichloroethene	100		0.99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		**4.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Amyl Methyl Ether (TAME)	NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit
NE = Not Established
Empty Cells = Not Analyzed
DUP = Field Duplicate
ug/L=micrograms per liter
SPLIT = sample split for analysis at both field and stationary lab
Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	B-414	B-414	B-414	B-414	B-414	B-415	B-415	B-415	B-415	B-415	B-415	B-415	B-415	B-415	B-415	B-415
		Date Sampled	02-Mar-04	02-Mar-04	02-Mar-04	03-Mar-04	03-Mar-04	04-Mar-04	04-Mar-04	04-Mar-04	05-Mar-04	05-Mar-04	05-Mar-04	05-Mar-04	08-Mar-04	08-Mar-04	08-Mar-04	08-Mar-04	08-Mar-04
		Depth (ft)	86.65	91.65	96.6	101.65	107.35	20.1	28.3	61.4	68	72.85	80	84.2	91.25	96	102.9	108.45	112.45
Parameter	**RCGW-1**	**Comments**																	
Volatile Organic Compounds (ug/l)																			
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		-	2.2	0.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	13	7.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	1.7	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	2.6	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Amyl Methyl Ether (TAME)	NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit
NE = Not Established
Empty Cells = Not Analyzed
DUP = Field Duplicate
ug/L=micrograms per liter
SPLIT = sample split for analysis at both field and stationary lab
Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-417	B-417	B-417	B-417	B-417	B-417
		Date Sampled	25-Feb-04	24-Feb-04	25-Feb-04	25-Feb-04	26-Feb-04	26-Feb-04	26-Feb-04	26-Feb-04	16-Mar-04	16-Mar-04	16-Mar-04	16-Mar-04	16-Mar-04	17-Mar-04	24-Feb-04	24-Feb-04	25-Feb-04	21-Apr-04	21-Apr-04	21-Apr-04
		Depth (ft)	15.25	25.5	56	65.5	75.5	86.5	96.5	104	114.27	122.56	134.95	144.95	154.95	163.23	48.22	58.06	111.34	120.25	130.25	140.25
		Comments																				
Volatile Organic Compounds (ug/l)																						
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	-	0.6	1.1
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.97
Carbon Disulfide	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Amyl Methyl Ether (TAME)	NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit
NE = Not Established
Empty Cells = Not Analyzed
DUP = Field Duplicate
ug/L=micrograms per liter
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Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	B-417	B-417	B-418	B-418	B-419	B-419	B-419	B-419	B-419	B-419	B-419	B-419	B-419	B-420	B-420	B-420	B-420	B-420
		Date Sampled	22-Apr-04	22-Apr-04	24-Feb-04	24-Feb-04	12-Mar-04	12-Mar-04	23-Apr-04	23-Apr-04	23-Apr-04	23-Apr-04	23-Apr-04	23-Apr-04	23-Apr-04	25-Feb-04	25-Feb-04	26-Feb-04	26-Feb-04	26-Feb-04
		Depth (ft)	150.25	157.65	38.9	50.05	35	42.65	115.25	125.25	135.25	145.25	155.25	165.25	168.5	20.05	40.25	48.33	79.95	90.1
Parameter	**RCGW-1**	**Comments**																		
Volatile Organic Compounds (ug/l)																				
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		-	0.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		3.8	8.2	-	-	-	-	-	-	-	-	3.6	4.7	3.6	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		1.9	2.8	-	-	-	-	-	-	-	-	2.8	2.7	2.4	-	-	-	-	-
Carbon Disulfide	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	1,000		2.5	5.7	-	-	-	-	-	-	-	-	2.8	3.4	2.8	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Amyl Methyl Ether (TAME)	NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit
NE = Not Established
Empty Cells = Not Analyzed
DUP = Field Duplicate
ug/L=micrograms per liter
SPLIT = sample split for analysis at both field and stationary lab
Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-421	B-421	B-421	B-421	B-421	B-421	B-421	B-421	B-422	B-422	B-422	B-422	B-422	B-422	B-422	B-422	B-422	B-422	B-422	B-422
		Date Sampled	10-Mar-04	10-Mar-04	10-Mar-04	10-Mar-04	10-Mar-04	11-Mar-04	11-Mar-04	11-Mar-04	02-Mar-04	02-Mar-04	02-Mar-04	02-Mar-04	02-Mar-04	02-Mar-04	03-Mar-04	03-Mar-04	19-Apr-04	19-Apr-04	19-Apr-04	19-Apr-04	20-Apr-04
		Depth (ft)	30.7	39.88	77.7	87.4	97.4	103.8	106.2	115	17.25	27.25	57.6	67.5	77.5	87	97.5	107.5	115.25	125.25	135.25	145.25	155.25
		Comments																					
Volatile Organic Compounds (ug/l)																							
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	1.5	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.5	1.4	-
Carbon Disulfide	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Amyl Methyl Ether (TAME)	NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.1
Ethylbenzene	700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.56
O-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.63
p/m-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.91
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	12

Notes:
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Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	B-424	B-424	B-424	B-424	B-425	B-425	B-425	B-426	B-426	B-426	B-426	B-426	B-426	B-426
		Date Sampled	27-Feb-04	01-Mar-04	01-Mar-04	01-Mar-04	27-Feb-04	01-Mar-04	01-Mar-04	27-Feb-04	01-Mar-04	01-Mar-04	11-Mar-04	11-Mar-04	11-Mar-04	11-Mar-04
		Depth (ft)	30.85	40.25	67.63	75.21	38.25	48.25	58.25	40.07	50.03	59.03	93.75	113.75	123.75	133.75
		Comments														
Volatile Organic Compounds (ug/l)																
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Disulfide	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl Ether	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tert-Amyl Methyl Ether (TAME)	NE		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	6,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
- = Analytical result below the method detection limit
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Empty Cells = Not Analyzed
DUP = Field Duplicate
ug/L=micrograms per liter
SPLIT = sample split for analysis at both field and stationary lab
Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	WP-501	WP-501	WP-501	WP-501	WP-501	WP-501	WP-501	WP-515	WP-515	WP-515	WP-515	WP-515	WP-515	WP-520	WP-529	WP-530	WP-530
		Date Sampled	10-May-05	10-May-05	10-May-05	10-May-05	10-May-05	10-May-05	10-May-05	12-May-05	13-May-05	13-May-05	13-May-05	13-May-05	13-May-05	04-May-05	13-May-05	13-May-05	13-May-05
		Depth (ft)	16.2	21	21	21	22.5	25.9	27.6	14	16	19.3	19.3	21.3	24.3	15	5.5	6.8	17.8
		Comments		SPLIT	DUP							DUP							
Volatile Organic Compounds (ug/l)																			
Tetrachloroethene	5		**75**	**56**	-	**59**	**68**	**18**	-	**90**	**1,070**	**290**	**270**	3	3	-	**2,390**	**220**	-
Trichloroethene	5		**3850**	**3400**	**3060**	**2730**	**2860**	**190**	**36**	**3370**	**45,680**	**12310**	**11800**	**19**	**18**	**120000**	**9,540**	**1170**	-
cis-1,2-Dichloroethene	70		**190**	**93**	**97**	**100**	**110**	30	28	**220**	**870**	-	**130**	-	-	**3000**	**7,020**	**690**	-
trans-1,2-Dichloroethene	100		9	-	-	-	-	-	-	-	76	-	44	-	-	-	-	-	-
1,1-Dichloroethene	1			-												-			
Vinyl Chloride	2		-	-	-	-	-	**45**	**62**	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200			-												-			
1,1-Dichloroethane	70			-												-			
Carbon Disulfide	1,000			-												-			
Chloroform	5			-												-			
Ethyl Ether	1,000			-												-			
Chlorobenzene	100			-												-			
Tert-Amyl Methyl Ether (TAME)	NE			-												-			
Benzene	5			-												-			
Toluene	1,000			-												**2,600**			
Ethylbenzene	700			-												-			
O-Xylene	6,000			-												-			
p/m-Xylene	6,000			-												-			
Methyl tert butyl ether	70			-												-			

Notes:
- = Analytical result below the method detection limit
NE = Not Established
Empty Cells = Not Analyzed
DUP = Field Duplicate
ug/L=micrograms per liter
SPLIT = sample split for analysis at both field and stationary lab
Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	WP-534	WP-534	WP-534	WP-534	WP-540	WP-540	WP-540	WP-540	WP-540	WP-545	WP-545	WP-545	WP-545	WP-545	WP-546	WP-546	WP-546	WP-546	WP-546
		Date Sampled	13-May-05	13-May-05	13-May-05	13-May-05	10-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05	11-May-05
		Depth (ft)	15.1	17.4	20.3	23.7	16.2	18	18	21.2	25.1	16.1	16.1	17.9	20.2	24.1	15.8	17.2	17.2	20.3	24
		Comments						DUP				DUP						DUP			
Volatile Organic Compounds (ug/l)																					
Tetrachloroethene	5		**1,110**	**610**	**720**	**1,690**	-	**47**	**23**	**27**	-	**170**	**130**	**320**	**160**	**9**	**120**	**330**	-	**25**	3
Trichloroethene	5		**32,290**	**23740**	**34810**	**16,900**	**25**	**2780**	**2480**	**1740**	**15**	**5510**	**3890**	**9380**	**4350**	**110**	**5090**	**9360**	**9270**	**330**	**15**
cis-1,2-Dichloroethene	70		**170**	**290**	**170**	**190**	-	-	29	13	24	**300**	**260**	**580**	**300**	46	**270**	**530**	**570**	40	**190**
trans-1,2-Dichloroethene	100		76	95	84	36	-	-	-	14	-	-	10	-	-	9	-	-	-	-	-
1,1-Dichloroethene	1																				
Vinyl Chloride	2		-	-	-	-	-	-	-	-	**63**	-	-	-	-	**68**	-	-	-	-	**160**
1,1,1-Trichloroethane	200																				
1,1-Dichloroethane	70																				
Carbon Disulfide	1,000																				
Chloroform	5																				
Ethyl Ether	1,000																				
Chlorobenzene	100																				
Tert-Amyl Methyl Ether (TAME)	NE																				
Benzene	5																				
Toluene	1,000																				
Ethylbenzene	700																				
O-Xylene	6,000																				
p/m-Xylene	6,000																				
Methyl tert butyl ether	70																				

Notes:
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NE = Not Established
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Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 1
Summary of Groundwater VOC Field Screening Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	WP-547	WP-547	WP-547	WP-547	WP-547	WP-548	WP-548	WP-548	WP-548	WP-548	WP-548	WP-549	WP-550	WP-550	WP-550	WP-550	WP-550
		Date Sampled	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	12-May-05	13-May-05	13-May-05	13-May-05	13-May-05
		Depth (ft)	19.2	20.5	20.5	22.3	24.5	15.8	15.8	18.1	20.3	23.8	23.8	19.5	15.3	15.3	18.6	20.4	22.3
		Comments		DUP				DUP				DUP				DUP			
Volatile Organic Compounds (ug/l)																			
Tetrachloroethene	5		3	**58**	**33**	**18**	-	**350**	**400**	**130**	-	4	4	**21**	**310**	**300**	**7**	3	**12**
Trichloroethene	5		**330**	**4230**	**4020**	**3190**	**180**	**6700**	**5970**	**2690**	**12**	**15**	**14**	**2370**	**3030**	**3300**	**73**	3	5
cis-1,2-Dichloroethene	70		-	-	26	32	-	**500**	**480**	**190**	-	**430**	**460**	12	**570**	**550**	10	6	**170**
trans-1,2-Dichloroethene	100		-	-	-	-	-	-	10	9	-	10	10	10	-	-	-	-	-
1,1-Dichloroethene	1																		
Vinyl Chloride	2		-	-	-	-	-	-	-	**3**	-	**280**	**320**	-	-	-	-	-	-
1,1,1-Trichloroethane	200																		
1,1-Dichloroethane	70																		
Carbon Disulfide	1,000																		
Chloroform	5																		
Ethyl Ether	1,000																		
Chlorobenzene	100																		
Tert-Amyl Methyl Ether (TAME)	NE																		
Benzene	5																		
Toluene	1,000																		
Ethylbenzene	700																		
O-Xylene	6,000																		
p/m-Xylene	6,000																		
Methyl tert butyl ether	70																		

Notes:
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NE = Not Established
Empty Cells = Not Analyzed
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SPLIT = sample split for analysis at both field and stationary lab
Bold and Shaded cells indicate exceedance of RCGW-1 standard
Only Detected compounds shown

Table 2
Summary of Grain Size Testing Results
Former Raytheon Facility
Wayland, Massachusetts

Sample	Interval (feet)	75-19 mm % Gravel (Coarse)	19-4.8 mm % Gravel (Fine)	4.8-2.0 mm % Sand (Coarse)	2.0-0.43 mm % Sand (Medium)	0.43-0.08 mm % Sand (Fine)	0.08-0.002 mm % Silt	<0.002 mm % Clay	Total	Geologic Description
B-416	15 - 17	0	0	1	4	4.6	83.4	3	96	Silt with trace clay, fine and medium sand
B-416	35 - 37	0	0	0	0	0.5	88.5	11	100	Silt with little clay and trace fine sand
B-416	55 - 57	0	0	0	1	0.5	66.5	31	99	Silt with some clay and trace medium and fine sand
B-416	60 - 62	0	0	1	2	16	73	6	98	Silt with little clay and fine sand and trace medium sand
B-416	77 - 79	0	0	0	1	6.5	85.5	6	99	Silt with little clay and fine sand and trace medium sand
B-416	98 - 99	0	0	1	2	26	69	0	98	Silt with some fine sand and trace medium sand
B-416	99 - 100	24	28	9	8	10.5	20.5	0	100	Coarse and fine gravel and silt with little fine, medium, and coarse sand
B-417	30 - 32	0	0	3	10	5	70	9	97	Silt with little medium sand, trace clay and fine sand
B-417	10 - 12	3	5	9	10	1.7	52.3	9	90	Silt, little clay and little sand (fine, medium, coarse) and trace gravel (fine, coarse)
B-417	30 - 32	0	0	0	1	1.5	79.5	17	99	Silt with some clay and trace fine and medium sand
B-417	40 - 42	0	0	0	0	1.5	87.5	11	100	Silt with little clay and trace fine sand
B-417	50 - 52	0	0	0	0	11.5	85.5	3	100	Silt with little fine sand and trace clay
B-417	70 - 72	0	0	0	0	1	84	15	100	Silt with little clay and trace fine sand
B-417	95 - 97	0	0	0	0	21.1	71.9	7	100	Silt with some fine sand and little clay
B-417	105 - 107	11	10	8	27	29	15	0	100	Medium and fine sand with little silt, coarse sand, fine and coarse gravel.
B-419	20 - 22	0	0	0	1	1.1	85.9	11	99	Silt with little clay and trace fine and medium sand
B-419	35 -37	0	0	0	0	10.1	84.9	5	100	Silt with little fine sand and trace clay
B-419	55 -57	0	0	0	0	0.3	87.7	12	100	Silt with little clay and trace fine sand
B-419	75 - 77	0	0	0	0	14.1	83.9	2	100	Silt with little fine sand and trace clay
B-419	95 - 97	0	0	0	1	33.1	56.9	8	99	Silt with some fine sand, little clay and trace medium sand
B-419	10 - 12	0	0	0	1	40	55	3	99	Silt with some fine sand and trace clay and medium sand
B-422	9 - 11	0	0	0	1	1.7	87.3	9	99	Silt with little clay and trace fine and medium sand
B-422	15 - 17	0	0	0	0	0.5	90.5	9	100	Silt with little clay and trace fine sand
B-422	25 - 27	0	0	0	0	12.9	82.1	5	100	Silt with little fine sand and clay
B-422	45 - 47	0	0	0	0	0.4	83.6	16	100	Silt with little clay and trace fine sand
B-422	65 - 67	0	0	0	0	66.1	30.9	3	100	Fine sand, some silt, and trace clay
B-422	85 - 87	0	0	0	1	32	63	3	99	Silt, some fine sand and trace clay and medium sand
B-422	100 - 102	0	0	0	1	42.3	52.7	3	99	Silt and fine sand with trace medium sand and clay
B-422	107 - 109	0	0	0	1	39.8	53.2	5	99	Silt and fine sand with trace clay and medium sand
B-426	26 - 28	0	0	0	0	0.8	93.2	6	100	Silt with little clay and trace fine sand
B-426	15 - 17	0	0	2	3	0.2	83.8	8	97	Silt with little clay and trace fine, medium, and coarse sand
B-426	32 - 34	0	0	0	0	1.8	90.2	8	100	Silt with little clay and trace fine sand
B-426	45 - 47	0	0	0	0	1.4	98.6	0	100	Silt with trace fine sand
B-426	55 - 57	0	0	0	0	5	92	3	100	Silt with trace fine sand and clay
B-426	70 - 72	0	0	0	0	0.5	77.5	22	100	Silt with some clay and trace fine sand
B-426	85 - 87	0	0	0	0	0.3	85.7	14	100	Silt with little clay and trace fine sand
B-426	90 - 92	0	0	0	0	34.2	65.8	0	100	Silt with some fine sand
B-426	95 - 97	0	0	0	1	80.3	16.7	1	99	Fine sand with some silt and trace medium sand and clay
B-426	100 - 102	0	0	0	1	74.8	23.2	0	99	Fine sand with some silt and trace medium sand
B-426	105 - 107	0	0	0	0	0.6	87.4	12	100	Silt with little clay and trace fine sand
B-426	110 - 112	0	0	1	1	28.9	65.1	3	99	Silt with some fine sand and trace clay and coarse to medium sand
B-426	115 - 117	0	4	4	6	15	67	4	100	Silt with little fine and medium sand and trace clay, coarse sand, and fine gravel
MW-263	10 - 12	0	0	0	0	52	42	6	100	Fine sand and silt with trace clay
MW-263	12 - 14	0	0	0	0	30	60	10	100	Silt with some fine sand, little clay
MW-263	16 - 18	0	0	0	4	83	6	7	100	Fine sand with a trace silt and clay
MW-265	35 - 37	0	0	0	0	31	64	5	100	Silt with some fine sand, trace clay
MW-265	43 - 45	0	0	0	1	18	75	6	100	Silt with some fine sand, trace clay
MW-267	5 - 7	0	0	0	2	63	28	7	100	Fine sand with some silt, trace clay and medium sand
MW-267	25 - 27	0	0	0	0	2	90	8	100	Silt with trace clay and fine sand
MW-267	9 - 11	0	0	0	1	22	65	12	100	Silt with some fine sand, little clay
MW-268	14 - 16	0	0	0	0	2	92	6	100	Silt with trace clay and fine sand
MW-268	8 - 10	0	0	0	0	1	84	15	100	Silt with little clay
MW-268	65 - 67	0	0	0	1	3	86	10	100	Silt with little clay, trace fine sand
MW-557	16.5 - 23.5	0	0	0	1	5	90	4	100	Silt with trace fine sand and clay
MW-557	23.5 - 25.0	0	0	0	2	11	81	6	100	Silt with little fine sand, trace clay
MW-557	25 - 26	0	0	0	0	62	37	1	100	Fine sand with some silt

Table 3
Monitoring Well Construction Summary
Former Raytheon Facility
Wayland, Massachusetts

Well ID	Date Installed	Ground Surface Elevation (feet ASL)	Screen Length (feet)	Total Well Depth (ft bgs)	Screened Interval		Screened Geologic Material	Site Area
					Bottom Elevation (feet ASL)	Top Elevation (feet ASL)		
DEP-19S	22-Mar-02	120.60	5	15	105.60	110.60	Sand	Northern Area
DEP-19M	29-Mar-02	120.60	5	40	80.60	85.60	Silt	Northern Area
DEP-19D	22-Mar-02	120.60	5	50	70.60	75.60	Silt	Northern Area
DEP-20	22-Mar-02	119.80	5	50	69.80	74.80	Silt	Northern Area
DEP-21	29-Mar-02	119.00	5	50	69.00	74.00	Silt	Northern Area
MW-1S	26-Jun-02	131.10	10	15	116.10	126.10	Silt & Clay	Former Raytheon Facility Property Wells
MW-1M	26-Jun-02	131.10	5	40	91.10	96.10	Sand & Silt	Former Raytheon Facility Property Wells
MW-1D	24-Jun-02	131.10	5	55	76.10	81.10	Till	Former Raytheon Facility Property Wells
MW-32	14-May-98	124.80	10	12	112.80	122.80	Sand & Silt	Former Raytheon Facility Property Wells
MW-33S	14-May-98	134.00	5	30	104.00	109.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-33M	13-May-98	134.00	5	50	84.00	89.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-33D	11-Aug-99	134.00	5	60	74.00	79.00	Till	Former Raytheon Facility Property Wells
MW-33B	23-Mar-00	134.00	5	81	53.00	58.00	Bedrock	Former Raytheon Facility Property Wells
MW-34	13-May-98	137.00	10	15	122.00	132.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-35	11-May-98	133.22	10	22	111.22	121.22	Sand	Former Raytheon Facility Property Wells
MW-37	12-May-98	134.70	10	22	112.70	122.70	Sand & Silt	Former Raytheon Facility Property Wells
MW-37M	2-Nov-98	134.70	5	50	84.70	89.70	Sand & Silt	Former Raytheon Facility Property Wells
MW-38	12-May-98	134.60	10	22	112.60	122.60	Sand & Silt	Former Raytheon Facility Property Wells
MW-40	12-May-98	135.20	10	22	113.20	123.20	Sand & Silt	Former Raytheon Facility Property Wells
MW-40S	14-May-98	135.20	5	30	105.20	110.20	Sand & Silt	Former Raytheon Facility Property Wells
MW-41	11-May-98	125.30	10	17	108.30	118.30	Sand	Former Raytheon Facility Property Wells
MW-42S	2-Nov-98	134.80	5	20	114.80	119.80	Sand & Silt	Former Raytheon Facility Property Wells
MW-43S	2-Nov-98	134.40	5	20	114.40	119.40	Sand & Silt	Former Raytheon Facility Property Wells
MW-43D	24-Mar-00	134.40	5	55	79.40	84.40	Till	Former Raytheon Facility Property Wells
MW-44S	5-Nov-98	134.90	5	32	102.90	107.90	Sand	Former Raytheon Facility Property Wells
MW-44M	5-Nov-98	134.90	5	48	86.90	91.90	Sand & Gravel	Former Raytheon Facility Property Wells
MW-44D	5-Nov-98	134.90	5	68	66.90	71.90	Till	Former Raytheon Facility Property Wells
MW-45S	3-Nov-98	132.50	5	37	95.50	100.50	Sand	Former Raytheon Facility Property Wells
MW-45M	3-Nov-98	132.50	5	48	84.50	89.50	Sand	Former Raytheon Facility Property Wells
MW-45D	10-Aug-99	132.50	5	78	54.50	59.50	Sand & Silt	Former Raytheon Facility Property Wells
MW-45B	27-Mar-00	132.10	5	97	35.30	40.30	Bedrock	Former Raytheon Facility Property Wells
MW-46S	4-Nov-98	132.80	5	25	107.80	112.80	Sand & Silt	Former Raytheon Facility Property Wells
MW-46M	4-Nov-98	132.80	5	50	82.80	87.80	Silt	Former Raytheon Facility Property Wells
MW-47S	6-Nov-98	132.60	5	36	96.60	101.60	Sand	Former Raytheon Facility Property Wells
MW-47M	5-Nov-98	132.60	5	50	82.60	87.60	Silt	Former Raytheon Facility Property Wells
MW-47D	6-Nov-98	132.60	5	71	61.60	66.60	Sand & Silt	Former Raytheon Facility Property Wells
MW-101	25-Aug-01	134.70	10	30	104.70	114.70	Sand & Silt	Former Raytheon Facility Property Wells
MW-102	25-Aug-01	134.60	10	30	104.60	114.60	Sand & Silt	Former Raytheon Facility Property Wells
MW-103	25-Aug-01	134.60	10	30	104.60	114.60	Sand & Silt	Former Raytheon Facility Property Wells
MW-104	25-Aug-01	134.30	10	20	114.30	124.30	Sand & Silt	Former Raytheon Facility Property Wells
MW-105	25-Aug-01	134.70	10	20	114.70	124.70	Sand & Silt	Former Raytheon Facility Property Wells
MW-105M	9-Nov-02	134.78	10	30	114.78	124.78	Sand, Silt & Clay	Former Raytheon Facility Property Wells
MW-106	25-Aug-01	135.00	10	20	115.00	125.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-106M	9-Nov-02	134.94	10	30	114.94	124.94	Sand, Silt, & Clay	Former Raytheon Facility Property Wells
MW-107	25-Aug-01	134.80	10	35	99.80	109.80	Sand & Silt	Former Raytheon Facility Property Wells
MW-108	25-Aug-01	134.80	10	25	109.80	119.80	Sand	Former Raytheon Facility Property Wells
MW-109	25-Aug-01	134.40	10	35	99.40	109.40	Sand & Silt	Former Raytheon Facility Property Wells
MW-110	25-Aug-01	134.30	10	25	109.30	119.30	Sand & Silt	Former Raytheon Facility Property Wells
MW-111	25-Aug-01	134.10	10	35	99.10	109.10	Sand & Silt	Former Raytheon Facility Property Wells
MW-112	25-Aug-01	134.00	10	25	109.00	119.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-113	25-Aug-01	134.00	10	35	99.00	109.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-114	25-Aug-01	134.00	10	25	109.00	119.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-115	25-Aug-01	134.00	10	35	99.00	109.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-116	25-Aug-01	134.00	10	25	109.00	119.00	Sand & Silt	Former Raytheon Facility Property Wells
MW-117	12-Nov-02	135.24	10	19	116.24	126.24	Sand, Silt & Gravel	Former Raytheon Facility Property Wells
MW-118	9-Nov-02	135.22	10	22	113.72	123.72	Sand, Silt & Gravel	Former Raytheon Facility Property Wells
MW-201S	20-Jul-02	132.50	10	22	110.50	120.50	Sand	Former Raytheon Facility Property Wells
MW-201M	20-Jul-02	132.50	5	27	105.50	110.50	Silt	Former Raytheon Facility Property Wells
MW-201D	20-Jul-02	132.50	5	65	67.50	72.50	Sand	Former Raytheon Facility Property Wells
MW-202S	20-Jul-02	133.30	10	22	111.30	121.30	Sand	Southern Area
MW-202M	20-Jul-02	133.30	5	33	100.30	105.30	Sand & Silt	Southern Area
MW-202D	20-Jul-02	133.30	5	56	77.30	82.30	Sand & Silt	Southern Area
MW-203S	20-Jul-02	132.80	10	22	110.80	120.80	Sand	Southern Area
MW-203M	20-Jul-02	132.80	5	43	89.80	94.80	Sand & Silt	Southern Area
MW-203D	20-Jul-02	132.80	5	63	69.80	74.80	Sand	Southern Area
MW-204S	20-Jul-02	132.60	10	22	110.60	120.60	Sand	Southern Area
MW-204M	20-Jul-02	132.60	5	46	86.60	91.60	Sand & Silt	Southern Area
MW-204D	20-Jul-02	132.60	5	72	60.60	65.60	Sand	Southern Area
MW-205S	20-Jul-02	132.40	10	22	110.40	120.40	Sand	Southern Area
MW-205M	20-Jul-02	132.40	5	47	85.40	90.40	Sand	Southern Area
MW-205D	20-Jul-02	132.40	5	70	62.40	67.40	Sand & Silt	Southern Area
MW-206S	20-Jul-02	131.10	10	22	109.10	119.10	Sand	Southern Area
MW-206M	20-Jul-02	131.10	5	56	75.10	80.10	Sand	Southern Area
MW-206D	20-Jul-02	131.10	5	78	53.10	58.10	Sand & Silt	Southern Area

Table 3
Monitoring Well Construction Summary
Former Raytheon Facility
Wayland, Massachusetts

Well ID	Date Installed	Ground Surface Elevation (feet ASL)	Screen Length (feet)	Total Well Depth (ft bgs)	Screened Interval		Screened Geologic Material	Site Area
					Bottom Elevation (feet ASL)	Top Elevation (feet ASL)		
MW-207S	20-Jul-02	129.50	10	22	107.50	117.50	Sand	Southern Area
MW-207M	20-Jul-02	129.50	5	65	64.50	69.50	Sand	Southern Area
MW-207D	20-Jul-02	129.50	5	82	47.50	52.50	Sand & Silt	Southern Area
MW-208S	20-Jul-02	132.90	10	22	110.90	120.90	Sand	Southern Area
MW-208M	20-Jul-02	132.90	5	47	85.90	90.90	Sand	Southern Area
MW-208D	20-Jul-02	132.90	5	66	66.90	71.90	Sand	Southern Area
MW-209	22-Jun-02	134.90	5	21	114.40	119.40	Sand	Former Raytheon Facility Property Wells
MW-210	20-Jul-02	134.60	5	28	106.60	111.60	Sand	Former Raytheon Facility Property Wells
MW-211	20-Jul-02	135.30	10	20	115.30	125.30	Sand	Former Raytheon Facility Property Wells
MW-212	22-Jun-02	134.60	5	20	114.80	119.80	Sand	Former Raytheon Facility Property Wells
MW-212M	9-Nov-02	134.46	10	30	104.46	114.46	Sand & Gravel	Former Raytheon Facility Property Wells
MW-213	20-Jul-02	134.90	10	30	104.90	114.90	Sand	Former Raytheon Facility Property Wells
MW-214	20-Jul-02	134.70	10	30	104.70	114.70	Sand	Former Raytheon Facility Property Wells
MW-215S	10-Aug-02	133.80	10	22	111.80	121.80	Sand	Former Raytheon Facility Property Wells
MW-215M	10-Aug-02	133.80	5	27	106.80	111.80	Sand	Former Raytheon Facility Property Wells
MW-215D	10-Aug-02	133.80	5	47	87.30	92.30	Till	Former Raytheon Facility Property Wells
MW-216S	20-Jul-02	134.80	10	22	112.80	122.80	Sand	Former Raytheon Facility Property Wells
MW-216M	20-Jul-02	134.80	5	31	103.80	108.80	Sand	Former Raytheon Facility Property Wells
MW-216D	20-Jul-02	134.80	5	57	77.80	82.80	Sand	Former Raytheon Facility Property Wells
MW-217S	28-Jun-02	129.50	10	25	104.50	114.50	Sand	Former Raytheon Facility Property Wells
MW-217M	28-Jun-02	129.50	5	44	85.50	90.50	Sand	Former Raytheon Facility Property Wells
MW-217D	27-Jun-02	129.50	5	65	65.00	70.00	Silt & Clay	Former Raytheon Facility Property Wells
MW-218S	2-Jul-02	129.40	10	22	107.40	117.40	Sand	Former Raytheon Facility Property Wells
MW-218M	2-Jul-02	129.40	5	50	79.40	84.40	Sand	Former Raytheon Facility Property Wells
MW-218D	1-Jul-02	129.40	5	86	43.40	48.40	Silt	Former Raytheon Facility Property Wells
MW-219S	15-Aug-02	118.40	10	15	103.40	113.40	Silt	Former Raytheon Facility Property Wells
MW-219M	16-Aug-02	118.40	5	65	53.40	58.40	Silt	Former Raytheon Facility Property Wells
MW-219D	15-Aug-02	118.40	5	77	41.90	46.90	Sand	Former Raytheon Facility Property Wells
MW-220S	15-Aug-02	117.50	10	15	102.50	112.50	Silt and Clay	Former Raytheon Facility Property Wells
MW-220M	14-Aug-02	117.50	5	65	52.50	57.50	Silt and Clay	Former Raytheon Facility Property Wells
MW-220D	13-Aug-02	117.50	5	101	16.50	21.50	Sand	Former Raytheon Facility Property Wells
MW-221M	12-Sep-02	119.50	5	21	98.50	103.50	Sand	Former Raytheon Facility Property Wells
MW-221D	12-Sep-02	119.50	5	44	75.50	80.50	Silt	Former Raytheon Facility Property Wells
MW-261S	3-Dec-02	127.28	5	22	105.28	110.28	Fine Sand and Silt	Northern Area
MW-262S	3-Dec-02	127.40	5	25	102.40	107.40	Fine Sand	Northern Area
MW-262M	3-Dec-02	127.32	5	51	76.32	81.32	Silt, Sand, and Clay	Northern Area
MW-262D	3-Dec-02	127.46	5	76	51.46	56.46	Sand and Gravel	Northern Area
MW-263S	2-Dec-02	127.78	5	25	102.78	107.78	Fine Sand and Silt	Northern Area
MW-263M	2-Dec-02	125.38	5	50	75.38	80.38	Fine to Coarse Sand and Gravel	Northern Area
MW-264S	10-Dec-02	123.60	10	20	103.60	113.60	Silt and Clay	Northern Area
MW-264M	10-Dec-02	123.01	10	44	79.01	89.01	Fine Sand	Northern Area
MW-264D	10-Dec-02	123.72	5	77	46.72	51.72	Medium to Fine Sand and Silt	Northern Area
MW-265S	9-Dec-02	127.50	10	18	109.50	119.50	Fine Sand and Silt	Northern Area
MW-265M	9-Dec-02	127.48	5	45	82.48	87.48	Fine Sand	Northern Area
MW-265D	9-Dec-02	127.48	5	89	38.48	43.48	Silt	Northern Area
MW-266S	12-Dec-02	125.04	10	17	108.04	118.04	Sand and Silt	Northern Area
MW-266Ma	12-Dec-02	125.25	5	52	73.25	78.25	Fine Sand and Silt	Northern Area
MW-266Mb	12-Dec-02	125.24	10	68	57.24	67.24	Fine Sand and Silt	Northern Area
MW-266D	12-Dec-02	125.32	5	105	20.32	25.32	Fine Sand and Silt	Northern Area
MW-266B	30-Dec-02	125.11	5	138	-12.89	-7.89	Bedrock	Northern Area
MW-267S	9-Dec-02	123.22	5	77	46.22	51.22	Silt	Northern Area
MW-267M	6-Dec-02	123.26	10	95	28.26	38.26	Fine Sand and Silt	Northern Area
MW-267D	6-Dec-02	123.06	5	121	2.06	7.06	Fine Sand	Northern Area
MW-267B	27-Dec-02	122.88	5	153	-30.12	-25.12	Bedrock	Northern Area
MW-268S	9-Dec-02	121.36	5	74	47.36	52.36	Sand and Silt	Northern Area
MW-268M	9-Dec-02	121.48	10	94	27.48	37.48	Fine Sand and Silt	Northern Area
MW-268D	6-Dec-02	121.56	5	127	-5.44	-0.44	Sand and Gravel	Northern Area
MW-268B	30-Dec-02	121.46	5	153	-31.54	-26.54	Bedrock	Northern Area
MW-269S	17-Dec-02	122.41	10	20	102.41	112.41	Sand and Gravel	Northern Area
MW-269Ma	17-Dec-02	122.36	5	32	90.36	95.36	Silt and Clay	Northern Area
MW-269Mb	17-Dec-02	122.17	10	84	38.17	48.17	Silt	Northern Area
MW-269D	17-Dec-02	122.14	5	144	-21.86	-16.86	Fine to Medium Sand	Northern Area
MW-307	19-Aug-02	121.50	5	11	110.50	115.50	Sand	Western Area
MW-313S	26-Aug-02	111.10	5	8	103.10	108.10	Silt and Clay	Western Area
MW-313D	28-Aug-02	111.10	5	30	81.10	86.10	Silt and Clay	Western Area
MW-314S	26-Aug-02	110.80	5	8	102.80	107.80	Silt	Western Area
MW-314D	30-Aug-02	110.80	5	30	80.80	85.80	Silt and Clay	Western Area
MW-315S	26-Aug-02	110.70	5	8	102.70	107.70	Silt and Clay	Western Area
MW-315D	30-Aug-02	110.70	5	30	80.70	85.70	Silt	Western Area
MW-403	19-Feb-04	NA	5	50	NA	NA	Fine Sand and Silt	Former Raytheon Facility Property Wells
MW-404	13-Feb-04	NA	5	37	NA	NA	Fine Sand and Silt	Former Raytheon Facility Property Wells
MW-405S	19-Feb-04	134.90	5	25.5	109.40	114.40	Fine Sand and Silt	Former Raytheon Facility Property Wells
MW-551	24-May-05	NA	5	26	NA	NA	Silt with Fine Sand	Northern Area
MW-552	24-May-05	NA	5	24	NA	NA	Silt and Fine Sand	Northern Area
MW-553	24-Aug-05	NA	5	20	NA	NA	Silt with Some Fine Sand	Northern Area

Table 3
Monitoring Well Construction Summary
Former Raytheon Facility
Wayland, Massachusetts

Well ID	Date Installed	Ground Surface Elevation (feet ASL)	Screen Length (feet)	Total Well Depth (ft bgs)	Screened Interval		Screened Geologic Material	Site Area
					Bottom Elevation (feet ASL)	Top Elevation (feet ASL)		
MW-554S	13-Sep-05	111.00	5	35	76.00	81.00	Silt with Some Fine Sand	Northern Area
MW-554Ma	13-Sep-05	111.00	10	105	6.00	16.00	Fine sand with Trace Silt	Northern Area
MW-554Mb	13-Sep-05	111.00	10	135	-24.00	-14.00	Med. To Coarse Sand, Med. Gravel	Northern Area
MW-554D	13-Sep-05	111.00	10	196	-85.00	-75.00	Med. To Coarse Sand, Silt	Northern Area
MW-555S	15-Sep-05	110.80	5	35	75.80	80.80	Silt with Some Fine Sand	Northern Area
MW-555Ma	15-Sep-05	110.80	10	85	25.80	35.80	Silt with Trace Fine Sand	Northern Area
MW-555Mb	15-Sep-05	110.80	10	133	-22.20	-12.20	Fine to Coarse Sand, Silt, Med. Gravel, Cobbles	Northern Area
MW-555D	15-Sep-05	110.80	10	195	-84.20	-74.20	Fine to Coarse Sand, Silt, Fine Gravel, Cobbles	Northern Area
MW-556S	19-Sep-05	111.30	5	35	76.30	81.30	Silt with Fine Sand	Northern Area
MW-556M	19-Sep-05	111.30	10	139	-27.70	-17.70	Fine to Medium Sand and Silt	Northern Area
MW-556D	19-Sep-05	111.30	10	160	-48.70	-38.70	Fine Sand, Some Silt, Some Med. Gravel	Northern Area
MW-TP-3	30-Jul-96	128.90	10	17	111.90	121.90	Sand	Northern Area
HA-101	8-Jan-98	127.60	15	19	108.60	123.60	Sand, Peat, & Silt	Former Raytheon Facility Property Wells
HA-102	8-Jan-98	128.20	15	24	104.20	119.20	Sand	Former Raytheon Facility Property Wells
HA-103	8-Jan-98	132.90	15	23	109.90	124.90	Sand & Silt	Former Raytheon Facility Property Wells
HA-104	9-Jan-98	132.70	15	26	106.70	121.70	Sand	Former Raytheon Facility Property Wells
IP-17D	7-May-04	135.24	5	31	104.24	109.24	Silt and Fine Sand	Former Raytheon Facility Property Wells
IP-16S	6-May-04	135.19	10	23	112.19	122.19	Silt and Fine Sand	Former Raytheon Facility Property Wells
IP-16D	11-May-04	135.18	5	31	104.18	109.18	Silt and Fine Sand	Former Raytheon Facility Property Wells

Notes:
Table includes all Former Raytheon Property wells
ASL = Above Sea Level
ft bgs = feet below ground surface
NA = Not Available

Table 4
Summary of Hydraulic Conductivity Testing Results
Former Raytheon Facility
Wayland, Massachusetts

Monitoring Well	Visual Grain Size Description	Hydraulic Conductivity (cm/sec)	Hydraulic Conductivity (ft/day)
MW-264S	Silt & Clay	5.189E-05	0.01
MW-553	Silt, Sandy Silt, & Silty Sand	9.621E-05	0.27
MW-551	Silt with some/trace Fine Sand	2.832E-06	0.01
MW-261S	Fine Sand & Silt	7.551E-04	2.14
MW-264M	Fine Sand & Silt	1.533E-03	4.34
MW-266Mb	Fine Sand & Silt	9.407E-04	2.66
MW-267S	Fine Sand & Silt	1.263E-04	0.36
MW-267M	Fine Sand & Silt	4.057E-04	1.15
MW-268S	Fine Sand & Silt	2.883E-05	0.08
MW-268M	Fine Sand & Silt	4.883E-04	1.38
MW-552	Silty Fine Sand with some Sandy Silt	1.102E-04	3.12
MW-262S	Fine Sand & Silt/ Medium to Fine Sand	4.115E-04	1.16
MW-265M	Medium to Fine Sand	1.067E-03	3.02
MW-267D	Coarse to Fine Sand	1.039E-03	2.94
MW-268D	Silty Fine to Coarse Sand with Gravel	2.310E-03	6.54

Table 5
Summary of Groundwater Gauging Data
Former Raytheon Facility
Wayland, Massachusetts

Well I.D.	Measuring Point Elevation (ft. ASL)	18-Apr-05		26-Sep-05		28-Oct-05	
		Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)
DEP-19S	120.79	3.15	117.64	4.45	116.34	-	-
DEP-19M	120.62	0.00**	-**	3.32	117.30	-	-
DEP-19D	120.78	0.00**	-**	3.36	117.42	-	-
DEP-20	119.98	0.00**	-**	2.79	117.19	-	-
DEP-21	119.18	0.00**	-**	2.53	116.65	-	-
HA-101	127.27	4.69	122.58	9.20	118.07	-	-
HA-102	128.14	10.62	117.52	15.11	113.03	-	-
HA-103	131.54	12.09	119.45	15.85	115.69	-	-
HA-104	132.39	13.93	118.46	18.80	113.59	-	-
IP-16S	134.77	15.40	119.37	17.38	117.39	-	-
IP-16D	134.74	15.45	119.29	17.78	116.96	-	-
IP-17S	134.80	15.78	119.02	18.87	115.93	-	-
IP-17D	134.83	15.80	119.03	18.95	115.88	-	-
MW-1S	133.79	8.22	125.57	14.20	119.59	-	-
MW-1M	133.78	11.61	122.17	15.40	118.38	-	-
MW-1D	133.74	12.91	120.83	16.55	117.19	-	-
MW-10	130.86	5.98	124.88	10.55	120.31	-	-
MW-32	124.41	1.80	122.61	7.10	117.31	-	-
MW-33S	133.58	14.20	119.38	18.63	114.95	-	-
MW-33M	133.77	15.61	118.16	19.19	114.58	-	-
MW-33D	133.57	15.61	117.96	19.17	114.40	-	-
MW-33B	133.67	15.69	117.98	19.23	114.44	-	-
MW-34	136.67	7.93	128.74	13.97	122.70	-	-
MW-37	134.43	13.63	120.80	17.40	117.03	-	-
MW-37M	134.40	15.42	118.98	18.65	115.75	-	-
MW-38	134.42	13.71	120.71	16.47	117.95	-	-
MW-40	134.84	13.44	121.40	16.18	118.66	-	-
MW-40S	134.82	13.41	121.41	16.18	118.64	-	-
MW-41	127.46	10.95	116.51	15.21	112.25	-	-
MW-42S	134.44	12.55	121.89	15.62	118.82	-	-
MW-43S	133.82	12.63	121.19	16.18	117.64	-	-
MW-43D	134.31	14.37	119.94	17.61	116.70	-	-
MW-44S	134.73	13.59	121.14	17.06	117.67	-	-
MW-44M	134.57	13.83	120.74	17.02	117.55	-	-
MW-44D	134.66	14.00	120.66	17.19	117.47	-	-
MW-45S	132.07	14.28	117.79	18.86	113.21	-	-
MW-45M	132.28	14.48	117.80	19.05	113.23	-	-
MW-45D	131.88	14.85	117.03	17.26	114.62	-	-
MW-45B	131.59	14.08	117.51	17.75	113.84	-	-
MW-46S	131.44	12.98	118.46	15.74	115.70	-	-
MW-46M	131.52	13.77	117.75	17.49	114.03	-	-
MW-47S	132.30	13.83	118.47	18.62	113.68	-	-
MW-47M	131.99	13.67	118.32	17.66	114.33	-	-
MW-47D	132.29	13.18	119.11	17.83	114.46	-	-
MW-101	134.60	15.64	118.96	20.32	114.28	-	-
MW-102	134.50	15.50	119.00	19.81	114.69	-	-
MW-103	134.50	14.42	120.08	17.21	117.29	-	-
MW-104	134.22	12.68	121.54	16.32	117.90	-	-
MW-105	134.58	13.04	121.54	16.12	118.46	-	-
MW-105M	134.22	14.14	120.08	17.35	116.87	-	-
MW-106	134.63	13.32	121.31	17.30	117.33	-	-
MW-106M	134.63	14.86	119.77	18.24	116.39	-	-
MW-107	134.65	15.30	119.35	19.42	115.23	-	-
MW-108	134.69	15.45	119.24	14.57	120.12	-	-
MW-109	134.12	14.67	119.45	19.02	115.10	-	-
MW-110	134.04	15.03	119.01	-****	-****	-	-
MW-111	133.88	14.45	119.43	18.81	115.07	-	-
MW-112	133.68	13.87	119.81	18.55	115.13	-	-
MW-113	133.60	14.23	119.37	18.59	115.01	-	-
MW-114	133.48	14.05	119.43	18.52	114.96	-	-
MW-115	133.56	14.24	119.32	18.65	114.91	-	-

Table 5
Summary of Groundwater Gauging Data
Former Raytheon Facility
Wayland, Massachusetts

Well I.D.	Measuring Point Elevation (ft. ASL)	18-Apr-05		26-Sep-05		28-Oct-05	
		Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)
MW-116	133.72	14.13	119.59	18.81	114.91	-	-
MW-117	134.84	15.35	119.49	18.98	115.86	-	-
MW-118	134.88	15.53	119.35	17.75	117.13	-	-
MW-201S	132.38	13.86	118.52	18.59	113.79	-	-
MW-201M	132.19	13.63	118.56	18.17	114.02	-	-
MW-201D	132.10	13.92	118.18	17.55	114.55	-	-
MW-202S	132.74	13.72	119.02	18.60	114.14	-	-
MW-202M	132.98	14.25	118.73	18.81	114.17	-	-
MW-202D	132.72	14.66	118.06	18.30	114.42	-	-
MW-203S	132.50	14.52	117.98	19.21	113.29	-	-
MW-203M	132.39	14.35	118.04	19.02	113.37	-	-
MW-203D	132.14	14.11	118.03	17.82	114.32	-	-
MW-204S	132.98	14.05	118.93	18.81	114.17	-	-
MW-204M	132.02	13.82	118.20	18.53	113.49	-	-
MW-204D	132.30	14.10	118.20	17.89	114.41	-	-
MW-205S	131.98	13.73	118.25	18.51	113.47	-	-
MW-205M	132.12	14.01	118.11	18.63	113.49	-	-
MW-205D	131.98	13.97	118.01	16.67	115.31	-	-
MW-206S	130.82	13.18	117.64	17.66	113.16	-	-
MW-206M	130.75	13.11	117.64	17.62	113.13	-	-
MW-206D	130.66	13.06	117.60	16.83	113.83	-	-
MW-207S	129.16	11.64	117.52	16.06	113.10	-	-
MW-207M	129.29	11.95	117.34	16.45	112.84	-	-
MW-207D	129.10	6.54	122.56	15.29	113.81	-	-
MW-208S	132.14	13.54	118.60	18.45	113.69	-	-
MW-208M	132.38	13.98	118.40	18.68	113.70	-	-
MW-208D	132.38	14.34	118.04	18.00	114.38	-	-
MW-209	134.56	13.34	121.22	17.25	117.31	-	-
MW-210	134.48	14.25	120.23	17.70	116.78	-	-
MW-211	135.26	13.55	121.71	16.13	119.13	-	-
MW-212	134.39	13.00	121.39	16.19	118.20	-	-
MW-212M	133.84	-	-	17.71	116.13	-	-
MW-213	134.84	14.82	120.02	17.58	117.26	-	-
MW-214	134.60	14.30	120.30	20.38	114.22	-	-
MW-215S	133.42	12.59	120.83	15.20	118.22	-	-
MW-215M	133.48	12.71	120.77	15.26	118.22	-	-
MW-215D	133.44	13.08	120.36	15.72	117.72	-	-
MW-216S	134.54	13.24	121.30	15.99	118.55	-	-
MW-216M	134.59	13.31	121.28	16.00	118.59	-	-
MW-216D	134.59	14.00	120.59	16.98	117.61	-	-
MW-217S	130.06	10.53	119.53	15.25	114.81	-	-
MW-217M	130.44	11.40	119.04	15.81	114.63	-	-
MW-217D	130.20	11.50	118.70	15.13	115.07	-	-
MW-218S	130.24	11.55	118.69	15.98	114.26	-	-
MW-218M	130.16	11.70	118.46	16.15	114.01	-	-
MW-218D	130.02	11.51	118.51	15.20	114.82	-	-
MW-219S	118.12	2.47	115.65	5.17	112.95	-	-
MW-219M	118.09	0.90	117.19	4.60	113.49	-	-
MW-219D	117.95	0.77	117.18	4.30	113.65	-	-
MW-220S	117.09	2.00	115.09	-	-	-	-
MW-220M	117.29	0.60	116.69	-	-	-	-
MW-220D	116.99	0.10	116.89	-	-	-	-
MW-221M	120.07	1.18	118.89	4.90	115.17	-	-
MW-221D	120.22	1.50	118.72	5.05	115.17	-	-
MW-261S	131.28	9.29	121.99	13.53	117.75	-	-
MW-262S	129.60	7.31	122.29	11.60	118.00	-	-
MW-262M	130.52	11.52	119.00	15.33	115.19	-	-
MW-262D	129.73	9.98	119.75	13.59	116.14	-	-
MW-263S	127.96	6.74	121.22	10.36	117.60	-	-
MW-263M	127.77	7.05	120.72	10.70	117.07	-	-

Table 5
Summary of Groundwater Gauging Data
Former Raytheon Facility
Wayland, Massachusetts

Well I.D.	Measuring Point Elevation (ft. ASL)	18-Apr-05		26-Sep-05		28-Oct-05	
		Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)	Depth to Water (ft. below measuring point)	Potentiometric Surface Elevation (ft. ASL)
MW-264S	126.32	5.29	121.03	9.09	117.23	-	-
MW-264M	126.28	5.65	120.63	9.43	116.85	-	-
MW-264D	126.63	7.59	119.04	11.35	115.28	-	-
MW-265S	130.06	7.69	122.37	13.29	116.77	-	-
MW-265M	129.89	9.19	120.70	13.08	116.81	-	-
MW-265D	130.07	10.89	119.18	14.65	115.42	-	-
MW-266S	126.79	6.92	119.87	11.22	115.57	-	-
MW-266Ma	127.72	7.91	119.81	11.80	115.92	-	-
MW-266Mb	126.88	7.10	119.78	12.55	114.33	-	-
MW-266D	127.70	8.62	119.08	11.38	116.32	-	-
MW-266B	128.14	8.82	119.32	10.92	117.22	-	-
MW-267S	125.30	6.55	118.75	10.38	114.92	-	-
MW-267M	125.40	6.72	118.68	10.54	114.86	-	-
MW-267D	125.88	7.09	118.79	10.42	115.46	-	-
MW-267B	124.02	5.65	118.37	9.23	114.79	-	-
MW-268S	123.66	5.26	118.40	9.08	114.58	-	-
MW-268M	123.41	5.32	118.09	9.10	114.31	-	-
MW-268D	124.86	6.67	118.19	11.49	113.37	-	-
MW-268B	122.34	4.28	118.06	8.15	114.19	-	-
MW-269S	125.54	7.93	117.61	11.97	113.57	-	-
MW-269Ma	124.96	6.85	118.11	11.71	113.25	-	-
MW-269Mb	125.42	7.42	118.00	11.31	114.11	-	-
MW-269D	125.34	8.71	116.63	12.36	112.98	-	-
MW-307	124.86	9.29	115.57	11.42	113.44	-	-
MW-313S	114.61	-*	-*	4.56	110.05	-	-
MW-313D	114.37	-*	-*	2.91	111.46	-	-
MW-314S	114.10	-*	-*	4.35	109.75	-	-
MW-314D	114.09	-*	-*	4.20	109.89	-	-
MW-315S	114.07	-*	-*	3.77	110.30	-	-
MW-315D	113.79	-*	-*	3.59	110.20	-	-
MW-403	134.39	16.16	118.23	19.77	114.62	-	-
MW-404	134.94	15.85	119.09	19.61	115.33	-	-
MW-405S	134.90	15.71	119.19	18.43	116.47	-	-
MW-551	129.30	-***	-***	11.50	117.80	-	-
MW-552	130.09	-***	-***	12.39	117.70	-	-
MW-553	130.33	-***	-***	12.52	117.81	-	-
MW-554S	120.93	-***	-***	10.47	110.46	4.68	116.25
MW-554Ma	120.82	-***	-***	7.32	113.50	3.63	117.19
MW-554Mb	120.96	-***	-***	7.01	113.95	3.39	117.57
MW-554D	120.96	-***	-***	7.61	113.35	3.83	117.13
MW-555S	121.10	-***	-***	10.67	110.43	4.25	116.85
MW-555Ma	121.25	-***	-***	7.60	113.65	4.38	116.87
MW-555Mb	121.26	-***	-***	8.14	113.12	4.12	117.14
MW-555D	121.19	-***	-***	8.00	113.19	4.02	117.17
MW-556S	120.93	-***	-***	11.60	109.33	4.16	116.77
MW-556M	121.00	-***	-***	7.50	113.50	3.79	117.21
MW-556D	120.92	-***	-***	7.55	113.37	-	-
MW-TP-3	131.08	7.87	123.21	13.12	117.96	-	-

Notes:
- = not measured / not accessible
* = inaccessible due to high river stage
** = potentiometric surface was at or above the top of casing
*** = well was not installed at time of gauging
**** = dry well

Table 6
Summary of Vertical Hydraulic Gradient Data
Former Raytheon Facility
Wayland, Massachusetts

	18-Apr-05		26-Sep-05		28-Oct-05	
Well Designation	**Hydraulic Gradient (ft/ft)**	**Up/Down**	**Hydraulic Gradient (ft/ft)**	**Up/Down**	**Hydraulic Gradient (ft/ft)**	**Up/Down**
DEP-19S DEP-19M	-0.11920	Up	-0.03840	Up	-	-
DEP-19M DEP-19D	-0.01600	Up	-0.01200	Up	-	-
MW-1S MW-1M	0.1236	Down	0.0440	Down	-	-
MW-1M MW-1D	0.0893	Down	0.0793	Down	-	-
MW-262S MW-262M	0.1263	Down	0.1079	Down	-	-
MW-262M MW-262D	-0.0302	Up	-0.0382	Up	-	-
MW-263S MW-263M	0.01825	Down	0.01934	Down	-	-
MW-264S MW-264M	0.01633	Down	0.01551	Down	-	-
MW-264M MW-264D	0.04558	Down	0.04501	Down	-	-
MW-265S MW-265M	0.05657	Down	-0.00136	Up	-	-
MW-265M MW-265D	0.03455	Down	0.03159	Down	-	-
MW-266S MW-266Ma	0.00161	Down	-0.00939	Up	-	-
MW-266Ma MW-266Mb	0.00225	Down	0.11928	Down	-	-
MW-266Mb MW-266D	0.01768	Down	-0.05025	Up	-	-
MW-266D MW-266B	-0.00723	Up	-0.02710	Up	-	-
MW-267S MW-267M	0.00453	Down	0.00388	Down	-	-
MW-267M MW-267D	-0.00383	Up	-0.02091	Up	-	-
MW-267D MW-267B	0.01305	Down	0.02082	Down	-	-
MW-268S MW-268M	0.01784	Down	0.01554	Down	-	-
MW-268M MW-268D	-0.00282	Up	0.02654	Down	-	-
MW-268D MW-268B	0.00498	Down	-0.03142	Up	-	-
MW-269S MW-269Ma	-0.0344	Up	0.0220	Down	-	-
MW-269Ma MW-269Mb	0.00221	Down	-0.01731	Up	-	-
MW-269Mb MW-269D	0.02191	Down	0.01807	Down	-	-
MW-313S MW-313D	-	-	-0.06409	Up	-	-
MW-314S MW-314D	-	-	-0.00636	Up	-	-
MW-315S MW-315D	-	-	0.00455	Down	-	-
MW-554S MW-554Ma	-	-	-0.04504	Up	-0.01393	Up
MW-554Ma MW-554Mb	-	-	-0.01500	Up	-0.01267	Up
MW-554Mb MW-554D	-	-	0.00984	Down	0.00721	Down
MW-555S MW-555Ma	-	-	-0.06779	Up	-0.00042	Up
MW-555Ma MW-555Mb	-	-	0.01104	Down	-0.00562	Up
MW-555Mb MW-555D	-	-	-0.00113	Up	-0.00048	Up
MW-556S MW-556M	-	-	-0.04108	Up	-0.00433	Up
MW-556M MW-556D	-	-	0.00619	Down	NM	NM

Notes:
(-) vertical gradient represents upward groundwater flow
(+) vertical gradient represents downward groundwater flow
- = Not measured (Not accessible or not installed)

Table 7
Summary of Groundwater Geochemical Parameters
Former Raytheon Facility
Wayland, Massachusetts

Well ID	18-Apr-05					26-Sep-05					28-Oct-05				
	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)
DEP-19S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DEP-19M	9.49	6.55	-22.3	0.29	207	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DEP-19D	8.83	7.24	-158.1	0.19	302	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DEP-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
DEP-21	9.21	6.24	-40.6	0.48	245	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
HA-101	10.95	6.30	113.7	6.01	91	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1S	8.15	6.04	240.9	2.86	64	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1M	9.57	6.39	196.0	7.09	356	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-1D	9.66	7.87	-173.8	0.25	617	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-32	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-45S	13.57	6.27	232.1	7.93	484	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-45M	12.34	6.08	146.9	0.72	245	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-45D	13.99	11.54	23.9	0.25	1062	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-45B	14.38	7.56	224.7	0.73	451	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-47S	NM-P	NM-P	NM-P	NM-P	NM-P	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-47M	13.04	7.41	-76.4	4.60	525	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-47D	14.12	6.89	71.9	7.82	762	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-202S	9.62	5.94	543.0	10.63	669	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-202M	10.86	7.85	50.4	0.23	262	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-202D	12.21	6.42	44.2	0.56	363	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-203S	12.98	6.97	482.3	10.61	359	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-203M	14.15	5.90	517.4	4.84	489	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-203D	13.59	6.46	33.1	4.72	599	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-204S	NM-P	NM-P	NM-P	NM-P	NM-P	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-204M	12.99	5.14	518.2	1.39	258	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-204D	14.07	9.50	348.2	10.08	88	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-205S	10.45	6.71	236	9.53	208	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-205M	11.01	5.86	221.1	0.91	253	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-205D	12.31	6.57	-3.6	0.24	375	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-206S	11.15	6.61	140.1	9.39	196	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-206M	10.37	6.34	-15.4	0.69	379	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-206D	11.88	6.65	-107.3	0.57	494	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-207S	10.87	6.61	133.9	8.02	466	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-207M	9.91	6.80	-75.2	1.00	622	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-207D	12.77	6.94	-29.1	0.12	584	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-208S	11.55	6.78	189.9	10.37	592	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-208M	13.29	12.17	26.3	4.91	3242	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-208D	11.46	6.50	-3.9	1.07	340	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

Table 7
Summary of Groundwater Geochemical Parameters
Former Raytheon Facility
Wayland, Massachusetts

Well ID	18-Apr-05					26-Sep-05					28-Oct-05				
	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)
MW-217S	9.37	5.76	120.6	10.43	342	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-217M	10.81	6.21	215.8	0.95	503	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-217D	10.65	6.97	-45.9	1.37	252	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-218S	12.30	6.35	119.3	2.50	2536	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-218M	13.98	6.65	-23.7	3.94	4233	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-218D	13.39	7.36	-5.7	0.62	410	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-219S	11.18	6.40	225.6	0.91	255	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-219M	10.25	7.71	-54.2	0.46	152	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-219D	11.40	8.08	-70.7	0.28	333	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-220S	7.88	6.22	60.8	0.22	415	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-220M	10.86	7.85	50.4	0.23	262	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-221M	7.94	5.88	201.2	1.40	400	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-221D	9.80	7.43	-35.5	0.77	402	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-261S	10.50	6.69	-38.2	0.25	184	NM	NM	NM	NM	NM	11.74	6.76	-60	0.26	196
MW-262S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	12.08	6.77	-41.8	0.27	201
MW-262M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-262D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-263S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-263M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-264S	9.54	5.77	309.1	2.55	102	NM	NM	NM	NM	NM	12.26	5.98	98.9	0.37	87
MW-264M	10.25	6.36	52.9	0.45	272	NM	NM	NM	NM	NM	11.57	6.46	-37.4	0.26	293
MW-264D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-265S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-265M	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	12.44	6.54	118.6	0.46	289
MW-265D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-266S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-266Ma	8.99	5.62	331.1	1.64	94	NM	NM	NM	NM	NM	11.73	6.39	11.3	0.35	465
MW-266Mb	8.86	6.72	-38.3	0.49	239	NM	NM	NM	NM	NM	12.05	6.77	-52.9	0.37	228
MW-266D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-266B	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-267S	11.97	6.53	-59.2	1.10	448	NM	NM	NM	NM	NM	11.91	6.85	-64.9	0.22	420
MW-267M	11.99	6.75	-96.9	0.89	329	NM	NM	NM	NM	NM	12.12	7.04	-77.5	0.52	306
MW-267D	11.07	8.01	-26.9	0.77	284	NM	NM	NM	NM	NM	12.11	8.16	160.6	0.63	271
MW-267B	12.10	12.50	-357.7	0.60	5605	NM	NM	NM	NM	NM	12.01	12.6	-272.2	0.11	5141
MW-268S	11.61	7.15	276.5	2.94	172	NM	NM	NM	NM	NM	11.44	7.32	229.5	1.8	164
MW-268M	8.69	6.69	-78.8	0.36	396	NM	NM	NM	NM	NM	11.12	6.77	-41.5	0.16	383
MW-268D	10.13	7.74	316.7	0.40	250	NM	NM	NM	NM	NM	11.39	8.29	-136.6	0.23	282
MW-268B	11.15	7.05	223.6	0.34	315	NM	NM	NM	NM	NM	11.26	8.14	-130.2	0.18	268

Table 7
Summary of Groundwater Geochemical Parameters
Former Raytheon Facility
Wayland, Massachusetts

Well ID	18-Apr-05					26-Sep-05					28-Oct-05				
	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)	Temperature (^{o}C)	pH (std units)	ORP (mV)	Dissolved Oxygen (mg/L)	Specific Conductivity (uS/cm)
MW-269S	7.93	6.09	40.9	0.23	134	NM	NM	NM	NM	NM	12.04	6.13	82.1	0.27	126
MW-269Ma	9.50	6.75	-45.1	0.55	392	NM	NM	NM	NM	NM	14.04	7.15	-96.8	0.06	392
MW-269Mb	8.30	7.52	10.1	0.53	187	NM	NM	NM	NM	NM	11.81	7.58	-15.2	0.19	187
MW-269D	7.15	8.04	-140.8	0.27	210	NM	NM	NM	NM	NM	11.38	8.21	-99.8	0.13	244
MW-307	8.48	6.45	-75.5	0.67	446	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-313S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-313D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-314S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-314D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-315S	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-315D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
MW-551	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.29	6.96	44.5	0.25	227
MW-552	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.7	8.33	288.8	0.54	295
MW-553	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	11.99	11.4	42.4	0.52	418
MW-554S	NM	NM	NM	NM	NM	17.59	8.99	-182.8	0.35	616	9.93	9.05	-247.0	0.24	498
MW-554Ma	NM	NM	NM	NM	NM	16.23	7.88	-254.4	0.46	225	9.56	8.35	-84	0.34	185
MW-554Mb	NM	NM	NM	NM	NM	17.05	8.23	-410.9	0.42	218	9.81	8.6	-326	0.29	217
MW-554D	NM	NM	NM	NM	NM	16.43	8.22	-306.2	0.33	266	9.72	8.44	-102.8	0.31	311
MW-555S	NM	NM	NM	NM	NM	17.25	8.91	-300.9	0.35	714	10.1	8.88	-193.6	0.11	589
MW-555Ma	NM	NM	NM	NM	NM	16.23	7.88	-254.4	0.46	225	9.62	7.96	-202.1	0.19	245
MW-555Mb	NM	NM	NM	NM	NM	17.05	8.23	-410.9	0.42	218	8.43	8.96	-324	0.15	232
MW-555D	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.57	8.5	-258.3	0.2	454
MW-556S	NM	NM	NM	NM	NM	17.17	8.23	-198.3	0.17	521	10.72	8.13	-222.6	0.24	572
MW-556M	NM	NM	NM	NM	NM	15.87	8.38	-321.4	0.32	210	9.98	8.86	-326.8	0.3	310
MW-556D	NM	NM	NM	NM	NM	17.01	8.36	-262.8	0.36	200	10.43	8.52	-416.2	0.28	703

Notes:
NM = Not Measured because not scheduled for geochemical monitoring, or were inaccessible
NM-P = Not measured due to the presence of permanganate
^{o}C = degrees Celsius
mV = millivolts
mg/L = milligrams per liter
uS/cm = micro-siemens per centimeter

Table 8
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D. / Date Sampled / Comments	DEP-19S 14-Apr-05	DEP-19M 14-Apr-05	DEP-19D 14-Apr-05	DEP-20 14-Apr-05	DEP-21 14-Apr-05	MW-1S 12-Apr-05	MW-1S 12-Apr-05 DUP	MW-1M 12-Apr-05	MW-1D 12-Apr-05	MW-261S 11-Apr-05	MW-262S 11-Apr-05	MW-262M 27-Apr-05	MW-262D 27-Apr-05	MW-263S 27-Apr-05	MW-263M 27-Apr-05	MW-264S 11-Apr-05
Volatile Organic Compounds (ug/L)																		
Tetrachloroethene	5		-	0.64	-	-	1.8	-	-	-	-	**79**	2.5	-	-	-	-	-
Trichloroethene	5		-	4.9	2	-	4.3	-	-	-	-	**4,000**	**41**	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	26	2.1	-	19	-	-	-	-	**120**	-	-	-	1.1	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000																	
Acetone	3,000																	
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L=micrograms per liter
Bold and Shaded cells indicate exceedance of MCP Standard

Table 8
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	MW-264M	MW-264D	MW-265S	MW-265M	MW-265D	MW-266S	MW-266Ma	MW-266Mb	MW-266Mb	MW-266D	MW-266B	MW-267S	MW-267M	MW-267D	MW-267B	MW-268S
		Date Sampled	11-Apr-05	27-Apr-05	27-Apr-05	11-Apr-05	27-Apr-05	27-Apr-05	11-Apr-05	12-Apr-05	12-Apr-05	27-Apr-05	27-Apr-05	14-Apr-05	14-Apr-05	14-Apr-05	14-Apr-05	14-Apr-05
		Comments									DUP							
Volatile Organic Compounds (ug/L)																		
Tetrachloroethene	5		**6.4**	-	-	**34**	-	-	-	**55**	**58**	-	-	4.4	**14**	-	-	-
Trichloroethene	5		**46**	-	-	**610**	-	-	-	**380**	**400**	-	-	**340**	**420**	-	-	-
cis-1,2-Dichloroethene	70		69	-	-	**1,000**	-	-	-	**360**	**390**	-	-	**82**	**190**	-	-	-
Vinyl Chloride	2		**7**	-	-	**140**	-	-	-	**28**	**33**	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000																	
Acetone	3,000																	
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L=micrograms per liter
Bold and Shaded cells indicate exceedance of MCP Standard

Table 8
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	MW-268M	MW-268D	MW-268B	MW-268B	MW-269S	MW-269Ma	MW-269Mb	MW-269D	MW-551	MW-552	MW-553	MW-554S	MW-554S	MW-554Ma	MW-554Ma	MW-554Mb	MW-554Mb
		Date Sampled	14-Apr-05	13-Apr-05	13-Apr-05	13-Apr-05	13-Apr-05	13-Apr-05	12-Apr-05	13-Apr-05	08-Jun-05	08-Jun-05	08-Jun-05	27-Sep-05	28-Oct-05	27-Sep-05	28-Oct-05	27-Sep-05	27-Sep-05
		Comments				DUP													DUP
Volatile Organic Compounds (ug/L)																			
Tetrachloroethene	5		**66**	-	-	-	-	-	-	-	-	**280**	**260**	-	-	-	-	-	-
Trichloroethene	5		**2,600**	**5.8**	-	-	2.9	0.7	-	0.78	**180**	**5,400**	**4,300**	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		**6,000**	8.4	-	-	0.8	1.9	0.52	2.1	-	**300**	**410**	-	-	-	-	-	-
Vinyl Chloride	2		**350**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	1.3	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000										-	-	-	-	-	-	-	-	-
Acetone	3,000										-	-	-	-	5.3	-	-	-	-
Chloroform	5		-	-	-	-	-	-	-	-	-	-	-	-	0.97	-	-	-	-

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L=micrograms per liter
Bold and Shaded cells indicate exceedance of MCP Standard

Table 8
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	MW-554Mb	MW-554D	MW-554D	MW-555S	MW-555S	MW-555Ma	MW-555Ma	MW-555Mb	MW-555Mb	MW-555D	MW-555D	MW-556S	MW-556S	MW-556M	MW-556M	MW-556D
		Date Sampled	28-Oct-05	27-Sep-05	28-Oct-05	26-Sep-05	28-Oct-05	26-Sep-05	28-Oct-05	26-Sep-05	28-Oct-05	26-Sep-05	28-Oct-05	27-Sep-05	28-Oct-05	27-Sep-05	28-Oct-05	27-Sep-05
		Comments																
Volatile Organic Compounds (ug/L)																		
Tetrachloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	70		-	1.2	1.9	-	-	-	-	-	-	1.2	1.1	-	-	-	-	-
Vinyl Chloride	2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	3,000		-	-	-	-	5.2	-	-	-	-	-	-	-	6.1	-	-	-
Chloroform	5		-	-	-	4.6	2.2	-	-	-	-	1.2	0.85	**9.1**	**5.9**	-	-	-

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L=micrograms per liter
Bold and Shaded cells indicate exceedance of MCP Standard

Table 8
Summary of Groundwater VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	MW-556D	MW-556D	MW-TP-3
		Date Sampled	28-Oct-05	28-Oct-05	27-Apr-05
Parameter	**RCGW-1**	**Comments**		**DUP**	
Volatile Organic Compounds (ug/L)					
Tetrachloroethene	5		-	-	-
Trichloroethene	5		-	-	-
cis-1,2-Dichloroethene	70		-	-	-
Vinyl Chloride	2		-	-	-
1,1-Dichloroethane	70		-	-	-
Chlorobenzene	100		-	-	1.9
1,4-Dichlorobenzene	5		-	-	3.3
Toluene	1,000		-	-	
Acetone	3,000		-	-	-
Chloroform	5		-	-	-

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L=micrograms per liter
Bold and Shaded cells indicate exceedance of MCP Standard

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D.	MW-45S	MW-45S	MW-45S	MW-45M	MW-45M	MW-45M	MW-45M	MW-45D	MW-45D	MW-45D	MW-45B	MW-45B	MW-45B	MW-47M	MW-47M	MW-47M	MW-47M	MW-47D	MW-47D	MW-47D	MW-47D
		Date Sampled	22-Jul-04	10-Dec-04	11-Apr-05	22-Jul-04	09-Dec-04	11-Apr-05	11-Apr-05	09-Dec-04	23-Jul-04	09-Dec-04	23-Jul-04	09-Dec-04	11-Apr-05	28-Apr-04	23-Jul-04	09-Dec-04	11-Apr-05	28-Apr-04	23-Jul-04	09-Dec-04	11-Apr-05
		Comments					DUP																
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700																						
Methyl tert butyl ether	70		15	12	7.4	18	51	50	**140**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000																						
p/m-Xylene	6,000																						
Toluene	1,000																						

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D.	MW-202S	MW-202S	MW-202S	MW-202S	MW-202S	MW-202S	MW-202S	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M
		Date Sampled	18-Sep-02	23-Apr-03	30-Sep-03	28-Apr-04	23-Jul-04	07-Dec-04	12-Apr-05	18-Sep-02	21-Nov-02	23-Apr-03	23-Apr-03	30-Sep-03	30-Sep-03	28-Apr-04	28-Apr-04	23-Jul-04	10-Dec-04	12-Apr-05	12-Apr-05
		Comments											DUP		DUP		DUP				DUP
Benzene	5		-			-	-	-	-	-	-					-	-	-	-	-	-
Ethylbenzene	700		-							-	-										
Methyl tert butyl ether	70		-	-	-	-	-	-	-	**120**	**140**	**98**	**99**	**99**	**79**	**180**	**150**	**140**	**280**	**190**	**200**
O-Xylene	6,000		-							-	-										
p/m-Xylene	6,000		-							-	-										
Toluene	1,000		-							-	-										

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D.	MW-202D	MW-202D	MW-202D	MW-202D	MW-202D	MW-202D	MW-202D	MW-202D	MW-203S	MW-203S	MW-203S	MW-203S	MW-203S	MW-203S	MW-203M	MW-203M	MW-203M	MW-203M	MW-203M	MW-203M	MW-203M
		Date Sampled	18-Sep-02	23-Apr-03	30-Sep-03	28-Apr-04	23-Jul-04	06-Dec-04	06-Dec-04	12-Apr-05	22-Apr-03	30-Sep-03	27-Apr-04	22-Jul-04	08-Dec-04	11-Apr-05	22-Apr-03	30-Sep-03	27-Apr-04	27-Apr-04	22-Jul-04	07-Dec-04	11-Apr-05
		Comments							DUP											DUP			
Benzene	5		-			-	-	-	-	-			-	-	-	-			-	-	-	-	-
Ethylbenzene	700		-																				
Methyl tert butyl ether	70		3.4	-	-	-	-	-	-	-	-	-	-	-	-	-	29	3.3	2.7	2.8	-	-	1.2
O-Xylene	6,000		-																				
p/m-Xylene	6,000		-																				
Toluene	1,000		-																				

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D.	MW-203D	MW-203D	MW-203D	MW-203D	MW-203D	MW-203D	MW-203D	MW-204S	MW-204S	MW-204S	MW-204S	MW-204S	MW-204S	MW-204S	MW-204S	MW-204M	MW-204M	MW-204M	MW-204M	MW-204M	MW-204M
		Date Sampled	22-Apr-03	30-Sep-03	27-Apr-04	22-Jul-04	22-Jul-04	07-Dec-04	11-Apr-05	22-Apr-03	29-Sep-03	29-Sep-03	27-Apr-04	21-Jul-04	08-Dec-04	13-Apr-05	13-Apr-05	22-Apr-03	30-Sep-03	27-Apr-04	21-Jul-04	08-Dec-04	13-Apr-05
		Comments					DUP					DUP					DUP							
Benzene	5				-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-
Ethylbenzene	700									-	-	-						-					
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66	**90**	69	33	54	**80**
O-Xylene	6,000									-	-	-						-					
p/m-Xylene	6,000									-	-	-						-					
Toluene	1,000									-	-	-						-					

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D.	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205M	MW-205M	MW-205M	MW-205M	MW-205M	MW-205M	MW-205M	MW-205M
		Date Sampled	22-Apr-03	30-Sep-03	28-Apr-04	21-Jul-04	08-Dec-04	13-Apr-05	22-Apr-03	29-Sep-03	26-Apr-04	22-Jul-04	08-Dec-04	11-Apr-05	22-Apr-03	22-Apr-03	30-Sep-03	26-Apr-04	22-Jul-04	08-Dec-04	08-Dec-04	11-Apr-05
		Comments														DUP					DUP	
Benzene	5		-	-	-	-	-	-			-	-	-	-				-	-	-	-	-
Ethylbenzene	700		-	-																		
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	26	25	**170**	**280**	**110**	**190**	**180**	**160**
O-Xylene	6,000		-	-																		
p/m-Xylene	6,000		-	-																		
Toluene	1,000		-	-																		

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D.	MW-205D	MW-205D	MW-205D	MW-205D	MW-205D	MW-205D	MW-206S	MW-206S	MW-206S	MW-206S	MW-206S	MW-206S	MW-206S	MW-206M	MW-206M	MW-206M	MW-206M	MW-206M	MW-206M
		Date Sampled	22-Apr-03	30-Sep-03	27-Apr-04	22-Jul-04	08-Dec-04	11-Apr-05	22-Apr-03	30-Sep-03	26-Apr-04	19-Jul-04	09-Dec-04	12-Apr-05	12-Apr-05	22-Apr-03	30-Sep-03	26-Apr-04	26-Apr-04	09-Dec-04	12-Apr-05
		Comments													DUP				DUP		
Benzene	5				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700								-	-						-	-				
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	1.4	1.7	1.9	1.8	1.6	2
O-Xylene	6,000								-	-						-	-				
p/m-Xylene	6,000								-	-						-	-				
Toluene	1,000								-	-						-	-				

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-206D 22-Apr-03	MW-206D 30-Sep-03	MW-206D 26-Apr-04	MW-206D 19-Jul-04	MW-206D 09-Dec-04	MW-206D 12-Apr-05	MW-207S 22-Apr-03	MW-207S 30-Sep-03	MW-207S 26-Apr-04	MW-207S 19-Jul-04	MW-207S 08-Dec-04	MW-207S 12-Apr-05	MW-207M 22-Apr-03	MW-207M 30-Sep-03	MW-207M 26-Apr-04	MW-207M 20-Jul-04	MW-207M 08-Dec-04	MW-207M 12-Apr-05
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-					-	-					-	-				
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	1.2	1.1	-	-	-	-	1.3	-	-	-
O-Xylene	6,000		-	-					-	-					-	-				
p/m-Xylene	6,000		-	-					-	-					-	-				
Toluene	1,000		-	-					-	-					-	-				

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-207D 22-Apr-03	MW-207D 30-Sep-03	MW-207D 26-Apr-04	MW-207D 21-Jul-04	MW-207D 08-Dec-04	MW-207D 12-Apr-05	MW-208S 23-Apr-03	MW-208S 29-Sep-03	MW-208S 30-Apr-04	MW-208S 22-Jul-04	MW-208S 08-Dec-04	MW-208M 23-Apr-03	MW-208M 30-Sep-03	MW-208M 30-Sep-03 DUP	MW-208M 30-Apr-04	MW-208M 30-Apr-04 DUP	MW-208M 23-Jul-04	MW-208M 23-Jul-04 DUP	MW-208M 08-Dec-04
Benzene	5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	700		-	-					-	-				-	-	-					
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	12	7.7	11	6	6.1	8.3	7.8	8.6
O-Xylene	6,000		-	-					-	-				-	-	-					
p/m-Xylene	6,000		-	-					-	-				-	-	-					
Toluene	1,000		-	-					-	-				-	-	-					

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Results
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

		Sample I.D.	MW-208D	MW-208D	MW-208D	MW-208D	MW-208D	MW-208D
		Date Sampled	23-Apr-03	30-Sep-03	28-Apr-04	23-Jul-04	08-Dec-04	14-Apr-05
Parameter (ug/L)	**RCGW-1**	**Comments**						
Benzene	5		-	-	-	-	-	-
Ethylbenzene	700		-	-				
Methyl tert butyl ether	70		-	-	-	-	-	-
O-Xylene	6,000		-	-				
p/m-Xylene	6,000		-	-				
Toluene	1,000		-	-				

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Detections
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-217S 23-Jul-02	MW-217S 24-Apr-03	MW-217S 01-Oct-03	MW-217S 26-Apr-04	MW-217S 20-Jul-04	MW-217S 08-Dec-04	MW-217S 13-Apr-05	MW-217M 23-Jul-02	MW-217M 24-Apr-03 DUP	MW-217M 24-Apr-03	MW-217M 01-Oct-03	MW-217M 26-Apr-04	MW-217M 20-Jul-04	MW-217M 08-Dec-04	MW-217M 13-Apr-05 DUP	MW-217M 13-Apr-05	MW-217D 23-Jul-02	MW-217D 24-Apr-03	MW-217D 01-Oct-03	MW-217D 26-Apr-04	MW-217D 20-Jul-04	MW-217D 09-Dec-04	MW-217D 13-Apr-05
Benzene	5		-			-	-	-	-	-				-	-	-	-	-	-			-	-	-	-
Ethylbenzene	700		-							-									-						
Methyl tert butyl ether	70		-	-	-	1.7	-	5	1.4	8.7	25	24	20	20	17	23	24	23	-	-	-	-	-	-	-
O-Xylene	6,000		-							-									-						
p/m-Xylene	6,000		-							-									-						
Toluene	1,000		-							-									-						

Notes:
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Detections
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-218S 22-Jul-02	MW-218S 24-Apr-03	MW-218S 01-Oct-03	MW-218S 27-Apr-04	MW-218S 21-Jul-04	MW-218S 08-Dec-04	MW-218M 22-Jul-02	MW-218M 24-Apr-03	MW-218M 01-Oct-03 DUP	MW-218M 01-Oct-03	MW-218M 27-Apr-04	MW-218M 21-Jul-04 DUP	MW-218M 21-Jul-04	MW-218M 08-Dec-04 DUP	MW-218M 08-Dec-04	MW-218M 13-Apr-05	MW-218D 22-Jul-02	MW-218D 24-Apr-03	MW-218D 01-Oct-03	MW-218D 27-Apr-04	MW-218D 21-Jul-04	MW-218D 09-Dec-04	MW-218D 13-Apr-05
Benzene	5		-			-	-	-	2.3				1.7	1.1	1.1	1.4	1.3	-	-			-	-	-	-
Ethylbenzene	700		-						-										-						
Methyl tert butyl ether	70		-	-	-	-	-	-	14	4	13	15	**97**	19	22	**160**	**160**	**100**	-	-	-	-	-	-	-
O-Xylene	6,000		-						-										-						
p/m-Xylene	6,000		-						0.55										-						
Toluene	1,000		1.4						-										2.6						

Notes:
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Detections
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-218S 13-Apr-05	MW-219S 05-Sep-02	MW-219S 24-Apr-03	MW-219S 01-Oct-03	MW-219S 27-Apr-04	MW-219S 21-Jul-04	MW-219S 07-Dec-04	MW-219S 13-Apr-05 DUP	MW-219S 13-Apr-05	MW-219M 05-Sep-02	MW-219M 24-Apr-03	MW-219M 01-Oct-03	MW-219M 27-Apr-04 DUP	MW-219M 27-Apr-04	MW-219M 21-Jul-04	MW-219M 09-Dec-04	MW-219M 12-Apr-05	MW-219D 04-Sep-02	MW-219D 24-Apr-03	MW-219D 01-Oct-03	MW-219D 26-Apr-04	MW-219D 21-Jul-04	MW-219D 07-Dec-04	MW-219D 13-Apr-05
Benzene	5		-	-			-	-	-	-	-	-			-	-	-	-	-	-			-	-	-	-
Ethylbenzene	700			-								-								-						
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O-Xylene	6,000			-								-								-						
p/m-Xylene	6,000			-								-								-						
Toluene	1,000			-								-								-						

Notes:
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Detections
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

Parameter (ug/L)	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-220S 04-Sep-02	MW-220S 24-Apr-03	MW-220S 01-Oct-03	MW-220S 26-Apr-04	MW-220S 19-Jul-04	MW-220S 06-Dec-04	MW-220S 12-Apr-05	MW-220M 04-Sep-02	MW-220M 24-Apr-03	MW-220M 01-Oct-03	MW-220M 26-Apr-04	MW-220M 19-Jul-04	MW-220M 07-Dec-04	MW-220M 13-Jan-05	MW-220M 25-Jan-05	MW-220M 12-Apr-05	MW-220M 29-Sep-05	MW-220D 05-Sep-02
Benzene	5		-			-	-	-	-	-			-	0.75	-	0.53	0.66	0.7	0.94	-
Ethylbenzene	700		-							-										-
Methyl tert butyl ether	70		-	-	-	-	-	-	-	-	-	-	-	-	**260**	-	-	-	-	-
O-Xylene	6,000		-							-										-
p/m-Xylene	6,000		-							-										-
Toluene	1,000		-							-										-

Notes:
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 9
Summary of MTBE & BTEX Analytical Detections
Former Raytheon Facility
430 Boston Post Road - Wayland, Massachusetts

		Sample I.D.	MW-221D	MW-221M	MW-221M	MW-221M	MW-221M	MW-221M	MW-221M	MW-221M	MW-221D	MW-221D	MW-221D	MW-221D	MW-221D	MW-221D	MW-221D	MW-221D
		Date Sampled	20-Sep-02	20-Sep-02	24-Apr-03	01-Oct-03	27-Apr-04	19-Jul-04	09-Dec-04	13-Apr-05	24-Apr-03	01-Oct-03	01-Oct-03	27-Apr-04	19-Jul-04	19-Jul-04	09-Dec-04	13-Apr-05
Parameter (ug/L)	**RCGW-1**	**Comments**										**DUP**			**DUP**			
Benzene	5		-	-			-	-	-	-				-	-	-	-	-
Ethylbenzene	700		-	-														
Methyl tert butyl ether	70		6.1	6.1	-	-	-	-	-	-	1.8	3.1	3.1	4.4	3.8	3.7	-	-
O-Xylene	6,000		-	-														
p/m-Xylene	6,000		-	-														
Toluene	1,000		-	-														

Notes:
- = Analytical result below the method detection limit
Empty Cells = Not Analyzed
Bold and Shaded cells indicate exceedance of MCP Standard
DUP = Field Duplicate
ug/L = micrograms per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D. / Date Sampled / Comments	HA-101 01-May-03	HA-101 01-Oct-03	HA-101 30-Apr-04	HA-101 22-Jul-04	HA-101 08-Dec-04	HA-101 14-Apr-05	MW-267S 30-Apr-03	MW-267S 03-Oct-03	MW-267S 30-Apr-04	MW-267S 21-Jul-04	MW-267S 21-Jul-04 DUP	MW-267S 07-Dec-04	MW-267S 14-Apr-05	MW-267S 10-Oct-05	MW-267M 30-Apr-03	MW-267M 03-Oct-03	MW-267M 30-Apr-04	MW-267M 21-Jul-04
Dissolved Metals (mg/L)																				
Arsenic	0.05		-	**0.088**	-	0.009	0.033	-	0.015	-	-	0.004	0.004	-	-	-	-	-	-	0.003
Beryllium	0.004																			
Chromium	0.1																			
Copper	10																			
Lead	0.02																			
Nickel	0.08																			
Zinc	0.9																			

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	MW-267M	MW-267M	MW-267M	MW-267D	MW-267D	MW-267D	MW-267D	MW-267D	MW-267D	MW-267D	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B
		Date Sampled	07-Dec-04	14-Apr-05	11-Oct-05	29-Apr-03	03-Oct-03	29-Apr-04	21-Jul-04	07-Dec-04	14-Apr-05	13-Oct-05	29-Apr-03	03-Oct-03	29-Apr-04	29-Apr-04	20-Jul-04	08-Dec-04	14-Apr-05	10-Oct-05
		Comments														DUP				
Dissolved Metals (mg/L)																				
Arsenic	0.05		0.006	-	-	-	-	0.008	0.007	0.008	-	0.008	-	-	-	-	-	-	-	-
Beryllium	0.004																			
Chromium	0.1																			
Copper	10																			
Lead	0.02																			
Nickel	0.08																			
Zinc	0.9																			

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	MW-268S	MW-268S	MW-268S	MW-268S	MW-268S	MW-268S	MW-268S	MW-268M	MW-268M	MW-268M	MW-268M	MW-268M	MW-268M	MW-268M	MW-268M	MW-268D	MW-268D	MW-268D
		Date Sampled	30-Apr-03	02-Oct-03	29-Apr-04	21-Jul-04	10-Dec-04	14-Apr-05	10-Oct-05	30-Apr-03	30-Apr-03	02-Oct-03	29-Apr-04	21-Jul-04	10-Dec-04	14-Apr-05	10-Oct-05	30-Apr-03	02-Oct-03	02-Oct-03
		Comments									DUP									DUP
Dissolved Metals (mg/L)																				
Arsenic	0.05		-	-	0.006	0.004	-	-	-	-	-	-	0.007	0.003	-	-	-	-	-	-
Beryllium	0.004																			
Chromium	0.1																			
Copper	10																			
Lead	0.02																			
Nickel	0.08																			
Zinc	0.9																			

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-268D 29-Apr-04	MW-268D 21-Jul-04	MW-268D 09-Dec-04	MW-268D 13-Apr-05	MW-268D 10-Oct-05	MW-268B 30-Apr-03	MW-268B 02-Oct-03	MW-268B 29-Apr-04	MW-268B 21-Jul-04	MW-268B 10-Dec-04	MW-268B 10-Dec-04 DUP	MW-268B 13-Apr-05	MW-268B 13-Apr-05 DUP	MW-268B 10-Oct-05	MW-268B 10-Oct-05 DUP	MW-269S 29-Apr-03	MW-269S 03-Oct-03	MW-269S 29-Apr-04
Dissolved Metals (mg/L)																				
Arsenic	0.05		-	0.007	0.007	-	0.007	-	0.011	0.006	0.007	0.007	0.008	0.006	-	0.009	0.007	-	0.01	-
Beryllium	0.004																			
Chromium	0.1																			
Copper	10																			
Lead	0.02																			
Nickel	0.08																			
Zinc	0.9																			

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	MW-269S	MW-269S	MW-269S	MW-269S	MW-269S	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Mb	MW-269Mb	MW-269Mb	MW-269Mb	MW-269Mb
		Date Sampled	22-Jul-04	09-Dec-04	13-Apr-05	10-Oct-05	10-Oct-05	29-Apr-03	03-Oct-03	29-Apr-04	22-Jul-04	09-Dec-04	09-Dec-04	13-Apr-05	10-Oct-05	29-Apr-03	03-Oct-03	29-Apr-04	22-Jul-04	09-Dec-04
		Comments					DUP						DUP							
Dissolved Metals (mg/L)																				
Arsenic	0.05		0.003	-	-	-	-	-	-	0.005	0.009	0.011	0.011	-	0.01	-	0.016	0.011	0.008	0.01
Beryllium	0.004																			
Chromium	0.1																			
Copper	10																			
Lead	0.02																			
Nickel	0.08																			
Zinc	0.9																			

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D. / Date Sampled / Comments	MW-269Mb 12-Apr-05	MW-269Mb 10-Oct-05	MW-269D 29-Apr-03	MW-269D 03-Oct-03	MW-269D 29-Apr-04	MW-269D 22-Jul-04	MW-269D 09-Dec-04	MW-269D 13-Apr-05	MW-269D 10-Oct-05	MW-307 20-Sep-02	MW-307 25-Apr-03	MW-307 02-Oct-03	MW-307 30-Apr-04	MW-307 22-Jul-04	MW-307 09-Dec-04	MW-307 12-Apr-05	MW-313S 19-Sep-02	MW-313S 27-Aug-03
Dissolved Metals (mg/L)																				
Arsenic	0.05		0.008	0.007	-	-	0.006	0.006	0.007	-	0.006	0.029	0.023	0.038	0.022	0.036	0.01	0.016	**0.117**	0.049
Beryllium	0.004											-							-	
Chromium	0.1											-							-	
Copper	10											-							-	
Lead	0.02											-							-	
Nickel	0.08											-							-	
Zinc	0.9											-							-	

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCGW-1	Sample I.D.	MW-313S	MW-313S	MW-313D	MW-313D	MW-313D	MW-314S	MW-314S	MW-314S	MW-314S	MW-314S	MW-314D	MW-314D	MW-314D	MW-314D	MW-315S	MW-315S	MW-315S	MW-315S
		Date Sampled	02-Oct-03	02-Oct-03	19-Sep-02	27-Aug-03	01-Oct-03	19-Sep-02	28-Aug-03	28-Aug-03	01-Oct-03	23-Jul-04	19-Sep-02	28-Aug-03	01-Oct-03	23-Jul-04	19-Sep-02	28-Aug-03	01-Oct-03	23-Jul-04
		Comments		DUP						DUP										
Dissolved Metals (mg/L)																				
Arsenic	0.05		**0.069**	**0.072**	**0.073**	**0.084**	**0.08**	0.028	**0.103**	**0.102**	**0.11**	**0.109**	**0.087**	**0.076**	**0.116**	**0.096**	**0.158**	**0.229**	**0.239**	**0.195**
Beryllium	0.004				-			-					-				-			
Chromium	0.1				-			-					-				-			
Copper	10				-			-					-				-			
Lead	0.02				-			-					-				-			
Nickel	0.08				-			-					-				-			
Zinc	0.9				-			0.1					-				0.05			

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 10
Summary of Groundwater Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	MW-315D	MW-315D	MW-315D	MW-315D	MW-554S	MW-554Ma	MW-554Mb	MW-554Mb	MW-554D	MW-555S	MW-555Ma	MW-555Mb	MW-555D	MW-556S	MW-556M	MW-556D
		Date Sampled	19-Sep-02	28-Aug-03	01-Oct-03	23-Jul-04	27-Sep-05	27-Sep-05	27-Sep-05	27-Sep-05	27-Sep-05	26-Sep-05	26-Sep-05	26-Sep-05	26-Sep-05	27-Sep-05	27-Sep-05	27-Sep-05
Parameter	**RCGW-1**	**Comments**								DUP								
Dissolved Metals (mg/L)																		
Arsenic	0.05		**0.071**	0.05	**0.119**	**0.111**	**0.115**	-	-	-	-	0.026	-	-	0.008	0.041	0.007	-
Beryllium	0.004		-															
Chromium	0.1		-															
Copper	10		-															
Lead	0.02		-															
Nickel	0.08		-															
Zinc	0.9		-															

Notes:
Only detected compounds shown
Bold and Shaded cells indicate exceedance of RCGW-1 standard
- = Analytical result below the method detection limit
DUP = Field Duplicate
mg/L=milligrams per liter

Table 11
Summary of Soil VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	B-243	B-244	B-245	B-246	B-247	B-248	B-249	B-250	B-251	B-252	B-253	B-254	B-255	B-256	B-257
		Depth	8'	0'	11'	10.2'	7.5'	1.1'	8.8'	7.7'	1.5'	6.5'	0'	7.5'	8.7'	12.7'	6'
		Date Sampled	09-Sep-02	09-Sep-02	09-Sep-02	09-Sep-02	09-Sep-02	09-Sep-02	10-Sep-02	10-Sep-02	10-Sep-02	10-Sep-02	10-Sep-02	10-Sep-02	10-Sep-02	10-Sep-02	10-Sep-02
Parameter	**RCS-1**	**Comments**															
Volatile Organic Compounds (ug/Kg)																	
Tetrachloroethene	500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	400		-	-	140	-	-	-	290	-	-	-	-	-	-	53	-
cis-1,2-Dichloroethene	2,000		-	-	-	-	-	-	90	-	-	-	-	-	-	-	-
Acetone	3,000		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
DUP = Field Duplicate
ug/Kg = micrograms per kilogram

Table 11
Summary of Soil VOC Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	B-258	B-259	B-260	MW-261S	MW-262M	MW-263S	MW-264D	MW-265M	MW-266D	MW-266D	MW-267B	MW-268B	MW-269D	MW-314D	MW-315D
		Depth	14'	11'	19.5'	4'	2'	5'	5'	7'	4'	4'	5'	4'	4'	25'	6'
		Date Sampled	10-Sep-02	10-Sep-02	10-Sep-02	03-Dec-02	03-Dec-02	02-Dec-02	06-Dec-02	02-Dec-02	09-Dec-02	09-Dec-02	02-Dec-02	02-Dec-02	10-Dec-02	26-Aug-02	26-Aug-02
Parameter	**RCS-1**	**Comments**										DUP					
Volatile Organic Compounds (ug/Kg)																	
Tetrachloroethene	500		99	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	400		340	-	120	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	2,000		260	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	3,000		-	-	-	29	21	-	-	-	62	97	-	-	-	-	140

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
DUP = Field Duplicate
ug/Kg = micrograms per kilogram

Table 12
Summary of Soil MTBE Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

		Sample I.D.	MW-202S	MW-204S	MW-205S	MW-208S
		Depth	8'-10'	16'-18'	10'-12'	16'-18'
Parameter (mg/Kg)	**RCS-1**	**Date Sampled**	**20-Jul-02**	**20-Jul-02**	**20-Jul-02**	**20-Jul-02**
Methyl tert butyl ether	0.3		-	-	-	-
Benzene	10		-	-	-	-
Toluene	90		-	-	-	-
Ethylbenzene	80		-	-	-	-
Xylenes (total)	500					

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
Blank cells indicate constituent not analyzed

Table 13
Summary of Soil Metals Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	RCS-1	Sample I.D. / Depth / Date Sampled	MW-314D 25' 26-Aug-02	MW-315D 6' 26-Aug-02
Metals (mg/Kg)				
Arsenic	30		5.1	-
Beryllium	0.7		0.51	-
Chromium	1,000		8.5	8.8
Copper	1,000		6.8	14
Lead	300		6.6	6.2
Nickel	300		3.5	-
Zinc	2,500		-	6.7

Notes:
Only detected compounds shown
- = Analytical result below the method detection limit
mg/Kg = milligram per kilogram

Table 14
Summary of MNA Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Units	Sample I.D. / Date Sampled	MW-261S 11-Feb-04	MW-261S 30-Apr-04	MW-261S 20-Jul-04	MW-264M 11-Feb-04	MW-264M 30-Apr-04	MW-264M 23-Jul-04	MW-265M 11-Feb-04	MW-265M 30-Apr-04	MW-265M 19-Jul-04	MW-267S 10-Feb-04	MW-267S 30-Apr-04	MW-267S 21-Jul-04	MW-266Mb 11-Feb-04	MW-266Mb 30-Apr-04	MW-266Mb 21-Jul-04	MW-267M 10-Feb-04	MW-267M 30-Apr-04	MW-267M 21-Jul-04	MW-268M 11-Feb-04	MW-268M 29-Apr-04	MW-268M 21-Jul-04
VOCs & Degradation Byproducts																							
Tetrachloroethene	ug/L		60	58	75	12	7.5	10	-	34	30	1.5	1.8	3.8	49	43	53	19	12	22	-	-	57
Trichloroethene	ug/L		3,500	3,900	4,800	81	67	71	740	720	460	140	180	290	380	370	390	580	480	570	2,800	3,000	2,700
cis-1,2-Dichloroethene	ug/L		120	120	130	190	88	290	2,400	1,600	1,500	40	50	73	220	230	290	240	180	230	6,900	7,800	6,700
Vinyl Chloride	ug/L		-	-	-	19	10	34	310	180	240	-	-	-	-	-	26	-	-	-	280	280	370
Ethene	ug/L		-	-	-	0.888	-	1.39	-	5.22	12.3	0.992	0.801	0.627	-	-	-	-	-	-	3.55	3.34	3.81
Ethane	ug/L		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloride	mg/L		6.7	6.9	6.6	24	30	30	22	18	28	61	60	63	8.3	7.8	7.8	25	25	25	30	32	30
Redox Parameters																							
Dissolved Oxygen (DO)	mg/L		0.7	0.4	1.2	0.9	0.7	0.5	0.6	0.7	0.3	0.6	0.6	0.2	0.4	1.3	0.4	1.0	0.4	0.4	0.9	0.6	1.3
Nitrogen, Nitrate	mg/L		-	-	-	-	-	-	-	0.41	-	0.84	-	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	mg/L		0.2645	0.3300	0.3170	0.4782	0.3500	0.336	0.4485	0.3600	0.3870	1.719	1.800	1.734	0.1626	0.1600	0.1556	0.6365	0.6900	0.6625	0.5605	0.4900	0.5685
Iron, Dissolved	mg/L		5.34	9.50	9.32	14.4	11.0	15.5	0.644	0.520	0.892	10.4	9.10	11.7	21.2	20.0	21.3	20.0	22.0	20.8	26.5	26.0	26.5
Sulfate	mg/L		34	32	35	28	18	34	41	42	47	58	48	53	32	26	31	64	67	61	68	64	48
Methane (dissolved gas)	ug/L		-	0.322	0.366	8.20	12.8	4.44	-	6.43	11.6	480	427	488	1.57	11.1	11.9	97.4	105	86.0	65.6	58.3	61.2
Oxidation Reduction Potential (ORP)	mV		-20	-13	-61.1	48	98	15.1	195	99	127.2	12	328	486	-65	-40	-62.7	-24	-140	-93	-77	-88	-33
Alkalinity, Total	mg/L		40	49	52	80	72	76	90	79	84	30	36	42	77	71	70	52	38	66	88	81	81
TOC & Volatile Fatty Acids																							
Total Organic Carbon	mg/L		0.92	NA	NA	1.2	NA	NA	2.4	NA	NA	0.77	NA	NA	0.90	NA	NA	0.90	NA	NA	2.9	NA	NA
Lactic Acid	mg/L		-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA
Acetic Acid	mg/L		-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA
Propionic Acid	mg/L		-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA
pH			6.8	6.0	6.1	6.2	5.5	5.2	6.3	6.3	6.3	6.5	4.6	6.5	6.8	6.0	6.5	6.9	5.3	6.7	6.5	6.2	6.0
Nutrients																							
Nitrogen, Total Kjeldahl (TKN)	mg/L		-	NA	NA	-	NA	NA	-	NA	NA	0.20	NA	NA	-	NA	NA	-	NA	NA	-	NA	NA
Phosphorus, Total	mg/L		0.10	NA	NA	0.08	NA	NA	-	NA	NA	0.92	NA	NA	0.06	NA	NA	0.04	NA	NA	0.14	NA	NA
Other																							
Specific Conductivity	uS/cm		198	210	197	286	290	345	319	304	353	413	416	378	282	260	248	360	351	311	456	434	431

Notes:
- = Analytical result below the method detection limit
NA = Not Analyzed
ug/L = micrograms per liter
mg/L = milligrams per liter

Table 14
Summary of MNA Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Units	Sample I.D. / Date Sampled	MW-554S 28-Oct-05	MW-554MA 28-Oct-05	MW-554MB 28-Oct-05	MW-554D 28-Oct-05	MW-555S 28-Oct-05	MW-555MA 28-Oct-05	MW-555MB 28-Oct-05	MW-555D 28-Oct-05	MW-556S 28-Oct-05	MW-556M 28-Oct-05	MW-556D 28-Oct-05
VOCs & Degradation Byproducts													
Tetrachloroethene	ug/L		-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	ug/L		-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	ug/L		-	-	-	1.9	-	-	-	1.1	-	-	-
Vinyl Chloride	ug/L		-	-	-	-	-	-	-	-	-	-	-
Ethene	ug/L		1.27	-	1.07	0.539	1.19	-	1.23	0.978	1.59	-	-
Ethane	ug/L		0.546	-	0.890	2.88	1.42	0.523	2.15	2.35	1.82	-	0.506
Chloride	mg/L		-	-	-	-	-	-	-	-	-	-	-
Redox Parameters													
Dissolved Oxygen (DO)	mg/L		0.2	0.3	0.3	0.31	0.11	0.19	0.15	0.20	0.24	0.3	0.28
Nitrogen, Nitrate	mg/L		0.11	-	-	-	-	-	-	-	-	-	-
Manganese, Dissolved	mg/L		-	0.19	0.20	0.24	-	0.68	0.16	0.11	0.05	0.12	0.22
Iron, Dissolved	mg/L		0.08	0.08	-	0.06	0.13	0.47	-	0.07	0.07	0.09	0.06
Sulfate	mg/L		76	30	29	32	130	47	26	49	95	71	28
Methane (dissolved gas)	ug/L		8.56	1.79	16.8	430	7.06	3.54	30.8	245	48.5	2.42	93.5
Oxidation Reduction Potential (ORP)	mV		-247	-84	-326	-103	-194	-202	-324	-258	-223	-327	-416
Alkalinity, Total	mg/L		160	46	57	88	160	50	61	150	140	47	60
TOC & Volatile Fatty Acids													
Total Organic Carbon	mg/L		9.3	0.88	0.63	1.9	5.6	0.97	1.4	2.0	15	5.5	-
Lactic Acid	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetic Acid	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Propionic Acid	mg/L		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
pH			9.1	8.4	8.6	8.44	8.88	7.96	8.96	8.50	8.23	8.86	8.52
Nutrients													
Nitrogen, Total Kjeldahl (TKN)	mg/L		1.1	-	-	-	2.2	0.40	0.55	-	1.1	-	-
Phosphorus, Total	mg/L		1.4	0.13	0.07	0.06	2.0	0.53	0.68	0.18	0.66	0.14	0.07
Other													
Specific Conductivity	uS/cm		498	185	217	311	589	245	232	454	572	310	203

Notes:
- = Analytical result below the method detection limit
NA = Not Analyzed
ug/L = micrograms per liter
mg/L = milligrams per liter

Table 15
Summary of Soil Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Area of Concern	Northern																	
Location	**B-243**	**B-244**	**B-245**	**B-246**	**B-247**	**B-248**	**B-249**	**B-250**	**B-251**	**B-252**	**B-253**	**B-254**	**B-255**	**B-256**	**B-257**	**B-258**	**B-259**	**B-260**
Date Sampled	**9/9/2002**	**9/9/2002**	**9/9/2002**	**9/9/2002**	**9/9/2002**	**9/9/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**	**9/10/2002**
Units	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
Depth (feet)	**8 - 8**	**0 - 5**	**11 - 11**	**10.2 - 10.2**	**7.5 - 7.5**	**1.1 - 1.1**	**8.8 - 8.8**	**7.7 - 7.7**	**1.5 - 1.5**	**6.5 - 6.5**	**0 - 1**	**7.5 - 7.5**	**8.7 - 8.7**	**12.7 - 12.7**	**6 - 6**	**14 - 14**	**11 - 11**	**19.5 - 19.5**
Volatile Organic Compounds (ug/Kg)																		
acetone	650 U	640 U	520 U	700 U	450 U	600 U	810 U	880 U	670 U	380 U	650 U	670 U	540 U	520 U	520 U	570 U	650 U	760 U
cis-1,2-dichloroethene	65 U	64 U	52 U	70 U	45 U	60 U	90	88 U	67 U	38 U	65 U	67 U	54 U	52 U	52 U	260	65 U	76 U
methyl tert butyl ether	130 U	130 U	100 U	140 U	89 U	120 U	160 U	180 U	130 U	76 U	130 U	130 U	110 U	100 U	100 U	110 U	130 U	150 U
naphthalene	330 U	320 U	260 U	350 U	220 U	300 U	400 U	440 U	340 U	190 U	330 U	340 U	270 U	260 U	260 U	280 U	330 U	380 U
tetrachloroethene	65 U	64 U	52 U	70 U	45 U	60 U	81 U	88 U	67 U	38 U	65 U	67 U	54 U	52 U	52 U	99	65 U	76 U
toluene	98 U	96 U	79 U	100 U	67 U	90 U	120 U	130 U	100 U	57 U	98 U	100 U	82 U	78 U	79 U	86 U	98 U	110 U
trichloroethene	65 U	64 U	140	70 U	45 U	60 U	290	88 U	67 U	38 U	65 U	67 U	54 U	53	52 U	340	65 U	120
vinyl chloride	130 U	130 U	100 U	140 U	89 U	120 U	160 U	180 U	130 U	76 U	130 U	130 U	110 U	100 U	100 U	110 U	130 U	150 U
Polychlorinated Biphenyls (ug/Kg)																		
aroclor 1221																		
aroclor 1254																		
aroclor 1260																		
Metals (mg/Kg)																		
arsenic																		
beryllium																		
chromium																		
copper																		
lead																		
nickel																		
zinc																		

Notes:
Summary of detections only
NA = Not Available
U= Not detected, value is the sample
detection/reporting limit

Table 15
Summary of Soil Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Area of Concern	Northern									Southern						Western					
Location	MW-261S	MW-262M	MW-263S	MW-264D	MW-265M	MW-266D	MW-267B	MW-268B	MW-269D	MW-202S	MW-204S	MW-205S	MW-206S	MW-207S	MW-208S	MW-313D	MW-313D	MW-314D	MW-314D	MW-315D	MW-315D
Date Sampled	12/3/2002	12/3/2002	12/2/2002	12/6/2002	12/2/2002	12/9/2002	12/2/2002	12/2/2002	12/10/2002	7/20/2002	7/20/2002	7/20/2002	7/20/2002	7/20/2002	7/20/2002	8/26/2002	8/26/2002	8/26/2002	8/26/2002	8/26/2002	8/26/2002
Units	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Depth (feet)	4 - 6	2 - 4	5 - 7	5 - 7	7 - 9	4 - 6	5 - 7	4 - 6	4 - 6	15 - 25	28 - 33	38 - 43	41 - 46	42 - 47	51 - 56	16 - 21	16 - 21	25 - 40	25 - 40	6 - 11	6 - 11
Volatile Organic Compounds (ug/Kg)																					
acetone	29	21	48 U	22 U	20 U	62	32 U	24 U	16 U							84		58 U		140	
cis-1,2-dichloroethene	1.7 U	1.8 U	4.8 U	2.2 U	2 U	3.5 U	3.2 U	2.4 U	1.6 U							7.3 U		5.8 U		6.6 U	
methyl tert butyl ether	3.4 U	3.5 U	9.7 U	4.4 U	4.1 U	6.9 U	6.4 U	4.7 U	3.2 U	2.4 U	5.5 U	2.5 U	3.6 U	2 U	1.6 U	15 U		12 U		13 U	
naphthalene	8.6 U	8.8 U	24 U	11 U	10 U	17 U	16 U	12 U	7.9 U							36 U	1300 U	29 U	1300 U	33 U	1500 U
tetrachloroethene	1.7 U	1.8 U	4.8 U	2.2 U	2 U	3.5 U	3.2 U	2.4 U	1.6 U							7.3 U		5.8 U		6.6 U	
toluene	2.6 U	2.6 U	7.3 U	3.3 U	3 U	5.2 U	9.6 U	3.5 U	2.4 U	1.8 U	4.2 U	1.9 U	2.7 U	1.5 U	1.2 U	11 U		8.7 U		9.9 U	
trichloroethene	1.7 U	1.8 U	4.8 U	2.2 U	2 U	3.5 U	3.2 U	2.4 U	1.6 U							7.3 U		5.8 U		6.6 U	
vinyl chloride	3.4 U	3.5 U	9.7 U	4.4 U	4.1 U	6.9 U	6.4 U	4.7 U	3.2 U							15 U		12 U		13 U	
Polychlorinated Biphenyls (ug/Kg)																					
aroclor 1221																658 U		641 U		758 U	
aroclor 1254																658 U		641 U		758 U	
aroclor 1260																658 U		641 U		758 U	
Metals (mg/Kg)																					
arsenic																2.6 U		5.1		3 U	
beryllium																0.52 U		0.51		0.6 U	
chromium																7.3		8.5		8.8	
copper																6.2		6.8		14	
lead																5.2 U		6.6		6.2	
nickel																3		3.5		3 U	
zinc																5.2 U		5.1 U		6.7	

Notes:
Summary of detections only
NA = Not Available
U= Not detected, value is the sample
detection/reporting limit

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-221	B-221	B-221	B-221	B-221	B-221	B-221	B-221	B-222	B-222	B-222	B-222	B-222	B-222	B-222	B-222	B-222	B-223	B-223	B-223	B-223	B-223	B-223
Date Sampled	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/12/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002
Depth	12.93 - 12.93	19.75 - 19.75	25.54 - 25.54	30.2 - 30.2	39.14 - 39.14	44 - 44	49.08 - 49.08	54.4 - 54.4	10.67 - 10.67	15.83 - 15.83	20.83 - 20.83	25.83 - 25.83	30.83 - 30.83	34.8 - 34.8	42.59 - 42.59	48.07 - 48.07	20.4 - 20.4	24.34 - 24.34	30.1 - 30.1	35.33 - 35.33	40.98 - 40.98	46.83 - 46.83
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	5 U	10.5	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8	5 U	5 U	5 U	5 U	5 U	11	5 U	5 U	5 U	5 U
Trichloroethene	12	37.8	12	5 U	5 U	5 U	5 U	5 U	5 U	5 U	11	7.6	14	5 U	5 U	5 U	6	58	14	9.4	9	5 U
cis-1,2-Dichloroethene	16.4	29.9	10.4	5 U	5 U	5 U	5 U	5 U	5 U	5 U	8	39.5	75	5 U	5 U	5 U	6	49	100	37.6	11	5 U
trans-1,2-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene																							
1,2-Dichloroethane																							
1,4-Dichlorobenzene																							
2-Butanone																							
Acetone																							
Benzene																							
Carbon disulfide																							
Chlorobenzene																							
Chloroethane																							
Chloroform																							
Ethyl Ether																							
Ethylbenzene																							
Isopropylbenzene																							
Methyl tert butyl ether																							
p/m-Xylene																							
Tetrahydrofuran																							
Toluene																							
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene																							
1,2-benzphenanthracene																							
Benzo(b)fluoranthene																							
Benzo(e)pyrene																							
Benzo(k)fluoranthene																							
Fluoranthene																							
Naphthalene																							
Phenanthrene																							
Pyrene																							
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221																							
Aroclor 1254																							
Aroclor 1260																							
Metals (mg/L)																							
Arsenic																							
Beryllium																							
Chromium																							
Copper																							
Lead																							
Nickel																							
Zinc																							

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-224	B-224	B-224	B-224	B-224	B-224	B-225	B-225	B-225	B-225	B-225	B-225	B-226	B-226	B-226	B-226	B-226	B-226	B-226	B-226	B-227	B-227	B-227
Date Sampled	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/13/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/14/2002	8/15/2002	8/15/2002	8/15/2002
Depth	13.29 - 13.29	18.78 - 18.78	25.79 - 25.79	29.63 - 29.63	34.93 - 34.93	39.09 - 39.09	24.81 - 24.81	30.2 - 30.2	35.2 - 35.2	40.2 - 40.2	48 - 48	55.2 - 55.2	30.27 - 30.27	35.4 - 35.4	39.6 - 39.6	44.9 - 44.9	48.7 - 48.7	52.62 - 52.62	56.85 - 56.85	37.53 - 37.53	41.2 - 41.2	45 - 45
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	5 U	7.3	5 U	6	5 U	5 U	18	6	9	5 U	5 U	5 U	5 U	5 U	13	5 U	5 U	5 U	5 U	5 U	9.73	49.8
Trichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	45	9	5 U	5 U	5 U	5 U	5 U	11	41	13	7	13	5 U	5 U	89.3	310
cis-1,2-Dichloroethene	5 U	27.8	5 U	5 U	5 U	5 U	44	120	5 U	5 U	5 U	5 U	5 U	10	83	130	87	49	5 U	5 U	33.1	160
trans-1,2-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	4.7 U	5 U
Vinyl Chloride	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene																						
1,2-Dichloroethane																						
1,4-Dichlorobenzene																						
2-Butanone																						
Acetone																						
Benzene																						
Carbon disulfide																						
Chlorobenzene																						
Chloroethane																						
Chloroform																						
Ethyl Ether																						
Ethylbenzene																						
Isopropylbenzene																						
Methyl tert butyl ether																						
p/m-Xylene																						
Tetrahydrofuran																						
Toluene																						
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene																						
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene																						
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic																						
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-227	B-227	B-228	B-228	B-228	B-228	B-228	B-228	B-228	B-229	B-229	B-229	B-229	B-229	B-229	B-230	B-230	B-230	B-230	B-230	B-230	B-230	B-231
Date Sampled	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/15/2002	8/16/2002	8/16/2002	8/16/2002	8/16/2002	8/16/2002	8/16/2002	8/16/2002	8/16/2002
Depth	49.74 - 49.74	54.95 - 54.95	18.43 - 18.43	24.9 - 24.9	29.9 - 29.9	35.52 - 35.52	49.9 - 49.9	54.9 - 54.9	54.9 - 54.9	32 - 32	32 - 32	32.03 - 32.03	37 - 37	42.26 - 42.26	53.72 - 53.72	45 - 45	45.47 - 45.47	51.36 - 51.36	55.34 - 55.34	65.34 - 65.34	70.11 - 70.11	34.23 - 34.23
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	39.6	5 U	57	21	5 U	18.52	5.58	1 U	8.8	40	16	45.33	5 U	5 U	5 U	0.5 U	5 U	54.64	6.86	5 U	5 U	5 U
Trichloroethene	800	98.3	340	24	5 U	8.55	5 U	99	5 U	40	1800	1540	5 U	5 U	5 U	8.9	8.7	1400	290	5 U	5 U	31
cis-1,2-Dichloroethene	450	77.4	120	440	5 U	6.69	5 U	58	5 U	12	160	150	5 U	5 U	5 U	38	40.58	9910	780	5 U	5 U	7.47
trans-1,2-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	5 U	0.75 U	38 U	5 U	5 U	5 U	5 U	0.75 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1 U	5 U	0.5 U	25 U	5 U	5 U	5 U	5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	20 U	20 U	20 U	28	20 U	20 U	20 U	2 U	20 U	50 U	8.5	45.74	20 U	20 U	20 U	1 U	20 U	230	230	20 U	20 U	20 U
1,1,1-Trichloroethane	5 U	5 U	10	10	5 U	9.5	5 U	1 U	6.16	9.5	25 U	5 U	5 U	5 U	5 U	0.5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1.5 U	38 U	0.75 U	5 U	5 U	5 U	5 U	0.75 U	5 U	33.7	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene								5 U		120 U	2.5 U					2.5 U						
1,2-Dichloroethane								1 U		25 U	0.5 U					0.5 U						
1,4-Dichlorobenzene								5 U		120 U	2.5 U					2.5 U						
2-Butanone								10 U		5 U	250 U					5 U						
Acetone								10 U		5 U	250 U					5 U						
Benzene								1 U		25 U	0.5 U					0.5 U						
Carbon disulfide								10 U		250 U	5 U					5 U						
Chlorobenzene								1 U		25	25 U					0.5 U						
Chloroethane								2 U		50 U	1 U					1 U						
Chloroform								1.5 U		38 U	0.75 U					0.75 U						
Ethyl Ether								5 U		2.5 U	120 U					2.5 U						
Ethylbenzene								1 U		25 U	0.5 U					0.5 U						
Isopropylbenzene								1 U		0.5 U	25 U					0.5 U						
Methyl tert butyl ether								2 U		50 U	1 U					1 U						
p/m-Xylene								1 U		25 U	0.5 U					0.5 U						
Tetrahydrofuran								20 U		500 U	10 U					10 U						
Toluene								1.5 U		0.75 U	38 U					0.75 U						
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene								5 U		120 U	2.5 U					2.5 U						
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene								5 U		2.5 U	120 U					2.5 U						
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic																						
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
U= Not detected, value is the sample
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from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-231	B-231	B-231	B-231	B-231	B-232	B-233	B-233	B-233	B-233	B-233	B-233	B-233	B-234	B-234	B-234	B-234	B-234	B-234	B-234	B-235	B-235
Date Sampled	8/16/2002	8/16/2002	8/16/2002	8/16/2002	8/16/2002	8/16/2002	8/21/2002	8/21/2002	8/21/2002	8/21/2002	8/21/2002	8/21/2002	8/21/2002	8/20/2002	8/20/2002	8/20/2002	8/20/2002	8/20/2002	8/20/2002	8/20/2002	8/21/2002	8/21/2002
Depth	40 - 40	45 - 45	50 - 50	58.08 - 58.08	69.63 - 69.63	75.15 - 75.15	17.83 - 17.83	25.15 - 25.15	33.49 - 33.49	44.99 - 44.99	50.15 - 50.15	55.01 - 55.01	59.2 - 59.2	15.46 - 15.46	19.6 - 19.6	24.96 - 24.96	29 - 29	42.61 - 42.61	47.59 - 47.59	52.3 - 52.3	21.86 - 21.86	27 - 27
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U	13	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	5 U	5 U	5 U	5 U	5 U	1320	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
cis-1,2-Dichloroethene	16.38	5 U	5 U	5 U	5 U	3430	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,2-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	20 U	20 U	20 U	20 U	20 U	180	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	12.53	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene																						
1,2-Dichloroethane																						
1,4-Dichlorobenzene																						
2-Butanone																						
Acetone																						
Benzene																						
Carbon disulfide																						
Chlorobenzene																						
Chloroethane																						
Chloroform																						
Ethyl Ether																						
Ethylbenzene																						
Isopropylbenzene																						
Methyl tert butyl ether																						
p/m-Xylene																						
Tetrahydrofuran																						
Toluene																						
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene																						
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene																						
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic																						
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
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from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-235	B-235	B-235	B-235	B-235	B-236	B-236	B-236	B-236	B-236	B-236	B-236	B-236	B-237	B-237	B-239	B-240	B-240	B-240	B-240	B-240	B-240	B-241
Date Sampled	8/21/2002	8/21/2002	8/21/2002	8/21/2002	8/21/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/22/2002	8/23/2002	8/23/2002	8/23/2002	8/23/2002	8/23/2002	8/23/2002	8/23/2002
Depth	34.7 - 34.7	40.53 - 40.53	45.9 - 45.9	55.54 - 55.54	59.4 - 59.4	24.9 - 24.9	33.9 - 33.9	41.64 - 41.64	46.6 - 46.6	55.05 - 55.05	59.99 - 59.99	63.65 - 63.65	29.2 - 29.2	70.8 - 70.8	73.4 - 73.4	36.58 - 36.58	41.2 - 41.2	45.22 - 45.22	50.59 - 50.59	54.99 - 54.99	62.97 - 62.97	20.1 - 20.1
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	60.05	15	5 U	5 U	5 U	560
Trichloroethene	5 U	5 U	5 U	4.78 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	1140	130	56.9	66.16	5 U	17040
cis-1,2-Dichloroethene	5 U	5 U	5 U	4.76 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	800	1440	110	200	5 U	510
trans-1,2-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25.17
1,1-Dichloroethene	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25.17
Vinyl Chloride	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	33.19	230	20 U	20 U	20 U	20 U
1,1,1-Trichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichlorobenzene																							
1,2-Dichloroethane																							
1,4-Dichlorobenzene																							
2-Butanone																							
Acetone																							
Benzene																							
Carbon disulfide																							
Chlorobenzene																							
Chloroethane																							
Chloroform																							
Ethyl Ether																							
Ethylbenzene																							
Isopropylbenzene																							
Methyl tert butyl ether																							
p/m-Xylene																							
Tetrahydrofuran																							
Toluene																							
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene																							
1,2-benzphenanthracene																							
Benzo(b)fluoranthene																							
Benzo(e)pyrene																							
Benzo(k)fluoranthene																							
Fluoranthene																							
Naphthalene																							
Phenanthrene																							
Pyrene																							
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221																							
Aroclor 1254																							
Aroclor 1260																							
Metals (mg/L)																							
Arsenic																							
Beryllium																							
Chromium																							
Copper																							
Lead																							
Nickel																							
Zinc																							

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Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-241	B-242	B-411	B-411	B-411	B-411	B-411	B-411	B-411	B-411	B-411	B-411	B-411	B-412	B-412	B-412	B-412	B-412	B-412	B-412	B-412	B-413	B-413
Date Sampled	8/23/2002	8/23/2002	3/10/2004	3/10/2004	3/10/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004	3/12/2004	3/15/2004	3/15/2004	3/15/2004	3/15/2004	3/15/2004	3/15/2004	3/15/2004	2/24/2004	2/24/2004
Depth	25.05 - 25.05	20.15 - 20.15	29.05 - 29.05	34.4 - 34.4	43 - 43	48 - 48	53 - 53	58.05 - 58.05	63.15 - 63.15	71 - 71	75.95 - 75.95	80 - 80	15.6 - 15.6	45 - 45	54.15 - 54.15	60 - 60	65 - 65	70 - 70	75 - 75	80.75 - 80.75	19.3 - 19.3	29.2 - 29.2
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	5 U	5.14	0.5 U	0.5 U	0.5 U	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.9	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	88.8	740	0.5 U	0.5 U	6	5.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	8	45	24	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	97.4	5 U	0.5 U	2.3	8.1	4.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	45	130	120	1	1.1	0.68	0.5 U	0.5 U
trans-1,2-Dichloroethene	5 U	5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.99	3.8 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	130	20 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.8	4.9	5 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	5 U	5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	17.91	5 U	0.75 U	1.3	1.9	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	1.3	0.75 U	3.8 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene			2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene			2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Acetone			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Benzene			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide			5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U
Chloroform			0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	3.8 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether			2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert butyl ether			1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene			0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran			10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U	10 U	10 U	10 U	10 U	10 U
Toluene			0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	3.8 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene			2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene			2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic																						
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-413	B-413	B-413	B-413	B-413	B-413	B-413	B-413	B-414	B-414	B-414	B-414	B-414	B-414	B-414	B-414	B-414	B-415	B-415	B-415	B-415
Date Sampled	2/24/2004	2/25/2004	2/25/2004	2/25/2004	2/26/2004	2/26/2004	2/26/2004	2/26/2004	2/27/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/3/2004	3/3/2004	3/4/2004	3/4/2004	3/4/2004	3/5/2004
Depth	67.35 - 67.35	72 - 72	77 - 77	81.6 - 81.6	86.7 - 86.7	91.6 - 91.6	99.25 - 99.25	105.5 - 105.5	22.5 - 22.5	63.85 - 63.85	70 - 70	75 - 75	81.55 - 81.55	86.65 - 86.65	91.65 - 91.65	96.6 - 96.6	101.65 - 101.65	107.35 - 107.35	20.1 - 20.1	28.3 - 28.3	61.4 - 61.4	68 - 68
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	0.5 U	0.5 U	0.5 U	2.5 U	33	28	12	38	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	160	850	670	530	660	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	2.2	0.55	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	46	200	270	170	1600	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	13	7.4	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.75 U	3.8 U	15 U	15 U	15 U	30 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	1 U	1 U	1 U	5 U	20 U	20 U	20 U	40 U	1 U	1 U	1 U	1 U	1 U	1 U	1.7	1.2	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.75 U	0.75 U	0.75 U	3.8 U	15 U	15 U	15 U	30 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	2.6	2.4	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	2.5 U	2.5 U	2.5 U	12 U	50 U	50 U	50 U	100 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	2.5 U	2.5 U	2.5 U	12 U	50 U	50 U	50 U	100 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	5 U	5 U	5 U	25 U	100 U	100 U	100 U	200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	25 U	100 U	100 U	100 U	200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	5 U	5 U	5 U	25 U	100 U	100 U	100 U	200 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	1 U	1 U	1 U	5 U	20 U	20 U	20 U	40 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	0.75 U	0.75 U	0.75 U	3.8 U	15 U	15 U	15 U	30 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether	2.5 U	2.5 U	2.5 U	12 U	50 U	50 U	50 U	100 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert butyl ether	1 U	1 U	1 U	5 U	20 U	20 U	20 U	40 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene	0.5 U	0.5 U	0.5 U	2.5 U	10 U	10 U	10 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran	10 U	10 U	10 U	50 U	200 U	200 U	200 U	400 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	0.75 U	0.75 U	0.75 U	3.8 U	15 U	15 U	15 U	30 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene	2.5 U	2.5 U	2.5 U	12 U	50 U	50 U	50 U	100 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene	2.5 U	2.5 U	2.5 U	12 U	50 U	50 U	50 U	100 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic																						
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-415	B-415	B-415	B-415	B-415	B-415	B-415	B-415	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416	B-416
Date Sampled	3/5/2004	3/5/2004	3/5/2004	3/8/2004	3/8/2004	3/8/2004	3/8/2004	3/8/2004	2/25/2004	2/24/2004	2/25/2004	2/25/2004	2/26/2004	2/26/2004	2/26/2004	2/26/2004	3/16/2004	3/16/2004	3/16/2004	3/16/2004	3/16/2004
Depth	72.85 - 72.85	80 - 80	84.2 - 84.2	91.25 - 91.25	96 - 96	102.9 - 102.9	108.45 - 108.45	112.45 - 112.45	15.25 - 15.25	25.5 - 25.5	56 - 56	65.5 - 65.5	75.5 - 75.5	86.5 - 86.5	96.5 - 96.5	104 - 104	114.27 - 114.27	122.56 - 122.56	134.95 - 134.95	144.95 - 144.95	154.95 - 154.95
Volatile Organic Compounds (ug/L)																					
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	5 U	5 U	5 U	5 U	5 U	6	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert butyl ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Semi-Volatile Organic Compounds (ug/L)																					
1,2,3-trichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-benzphenanthracene																					
Benzo(b)fluoranthene																					
Benzo(e)pyrene																					
Benzo(k)fluoranthene																					
Fluoranthene																					
Naphthalene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Phenanthrene																					
Pyrene																					
Polychlorinated Biphenyls (ug/L)																					
Aroclor 1221																					
Aroclor 1254																					
Aroclor 1260																					
Metals (mg/L)																					
Arsenic																					
Beryllium																					
Chromium																					
Copper																					
Lead																					
Nickel																					
Zinc																					

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-416	B-417	B-417	B-417	B-417	B-417	B-417	B-417	B-417	B-418	B-418	B-419	B-419	B-419	B-419	B-419	B-419	B-419	B-419
Date Sampled	3/17/2004	2/24/2004	2/24/2004	2/25/2004	4/21/2004	4/21/2004	4/21/2004	4/22/2004	4/22/2004	2/24/2004	2/24/2004	3/12/2004	3/12/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004	4/23/2004
Depth	163.23 - 163.23	48.22 - 48.22	58.06 - 58.06	111.34 - 111.34	120.25 - 120.25	130.25 - 130.25	140.25 - 140.25	150.25 - 150.25	157.65 - 157.65	38.9 - 38.9	50.05 - 50.05	35 - 35	42.65 - 42.65	115.25 - 115.25	125.25 - 125.25	135.25 - 135.25	145.25 - 145.25	155.25 - 155.25	165.25 - 165.25
Volatile Organic Compounds (ug/L)																			
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.68	0.5 U	0.6	1.1	3.8	8.2	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	3.6	4.7
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.97	1.9	2.8	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	2.8	2.7
1,2-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5	5.7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.8	3.4
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert butyl ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Semi-Volatile Organic Compounds (ug/L)																			
1,2,3-trichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-benzphenanthracene																			
Benzo(b)fluoranthene																			
Benzo(e)pyrene																			
Benzo(k)fluoranthene																			
Fluoranthene																			
Naphthalene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Phenanthrene																			
Pyrene																			
Polychlorinated Biphenyls (ug/L)																			
Aroclor 1221																			
Aroclor 1254																			
Aroclor 1260																			
Metals (mg/L)																			
Arsenic																			
Beryllium																			
Chromium																			
Copper																			
Lead																			
Nickel																			
Zinc																			

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-419	B-420	B-420	B-420	B-420	B-420	B-421	B-421	B-421	B-421	B-421	B-421	B-421	B-421	B-422	B-422	B-422	B-422	B-422	B-422	B-422	B-422
Date Sampled	4/23/2004	2/25/2004	2/25/2004	2/26/2004	2/26/2004	2/26/2004	3/10/2004	3/10/2004	3/10/2004	3/10/2004	3/10/2004	3/10/2004	3/11/2004	3/11/2004	3/11/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/2/2004	3/3/2004	3/3/2004
Depth	168.5 - 168.5	20.05 - 20.05	40.25 - 40.25	48.33 - 48.33	79.95 - 79.95	90.1 - 90.1	30.7 - 30.7	39.88 - 39.88	77.7 - 77.7	87.4 - 87.4	97.4 - 97.4	103.8 - 103.8	106.2 - 106.2	115 - 115	17.25 - 17.25	27.25 - 27.25	57.6 - 57.6	67.5 - 67.5	77.5 - 77.5	87 - 87	97.5 - 97.5	107.5 - 107.5
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	3.6	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	2.4	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether	2.8	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert butyl ether	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic																						
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	B-422	B-422	B-422	B-422	B-422	B-424	B-424	B-424	B-424	B-425	B-425	B-425	B-426	B-426	B-426	B-426	B-426	B-426	B-426	DEP-19D
Date Sampled	4/19/2004	4/19/2004	4/19/2004	4/19/2004	4/20/2004	2/27/2004	3/1/2004	3/1/2004	3/1/2004	2/27/2004	3/1/2004	3/1/2004	2/27/2004	3/1/2004	3/1/2004	3/11/2004	3/11/2004	3/11/2004	3/11/2004	7/11/2002
Depth	115.25 - 115.25	125.25 - 125.25	135.25 - 135.25	145.25 - 145.25	155.25 - 155.25	30.85 - 30.85	40.25 - 40.25	67.63 - 67.63	75.21 - 75.21	38.25 - 38.25	48.25 - 48.25	58.25 - 58.25	40.07 - 40.07	50.03 - 50.03	59.03 - 59.03	93.75 - 93.75	113.75 - 113.75	123.75 - 123.75	133.75 - 133.75	-
Volatile Organic Compounds (ug/L)																				
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.53
cis-1,2-Dichloroethene	0.5 U	0.5 U	2.8	1.5	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.59
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.75 U	0.75 U	2.5	1.4	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.56	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Isopropylbenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Methyl tert butyl ether	1 U	1 U	1	1 U	12	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene	0.5 U	0.5 U	0.5 U	0.5 U	0.91	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetrahydrofuran	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Toluene	0.75 U	0.75 U	0.75 U	0.75 U	2.1	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Semi-Volatile Organic Compounds (ug/L)																				
1,2,3-trichlorobenzene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-benzphenanthracene																				
Benzo(b)fluoranthene																				
Benzo(e)pyrene																				
Benzo(k)fluoranthene																				
Fluoranthene																				
Naphthalene	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Phenanthrene																				
Pyrene																				
Polychlorinated Biphenyls (ug/L)																				
Aroclor 1221																				
Aroclor 1254																				
Aroclor 1260																				
Metals (mg/L)																				
Arsenic																				
Beryllium																				
Chromium																				
Copper																				
Lead																				
Nickel																				
Zinc																				

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	DEP-19D	DEP-19D	DEP-19D	DEP-19D
Date Sampled	4/29/2003	10/2/2003	7/23/2004	4/14/2005
Depth	-	-	-	-
Volatile Organic Compounds (ug/L)				
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.50 U
Trichloroethene	2.2	1	1.3	2
cis-1,2-Dichloroethene	2.8	1.4	1.4	2.1
trans-1,2-Dichloroethene	0.5 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.50 U
Vinyl Chloride	2 U	1 U	1 U	1.0 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.50 U
1,1-Dichloroethane	0.5 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	0.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.50 U
1,4-Dichlorobenzene	0.5 U	2.5 U	2.5 U	2.5 U
2-Butanone				
Acetone				
Benzene				
Carbon disulfide				
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.50 U
Chloroethane		1 U	1 U	1.0 U
Chloroform	0.5 U	0.75 U	0.75 U	0.75 U
Ethyl Ether				
Ethylbenzene				
Isopropylbenzene				
Methyl tert butyl ether				
p/m-Xylene				
Tetrahydrofuran				
Toluene				
Semi-Volatile Organic Compounds (ug/L)				
1,2,3-trichlorobenzene				
1,2-benzphenanthracene				
Benzo(b)fluoranthene				
Benzo(e)pyrene				
Benzo(k)fluoranthene				
Fluoranthene				
Naphthalene				
Phenanthrene				
Pyrene				
Polychlorinated Biphenyls (ug/L)				
Aroclor 1221				
Aroclor 1254				
Aroclor 1260				
Metals (mg/L)				
Arsenic				
Beryllium				
Chromium				
Copper				
Lead				
Nickel				
Zinc				

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	DEP-19M	DEP-19M	DEP-19M	DEP-19M	DEP-19M	DEP-19S	DEP-19S	DEP-19S	DEP-19S	DEP-19S	DEP-20	DEP-20	DEP-20	DEP-20	DEP-20	DEP-21	DEP-21	DEP-21	DEP-21	DEP-21	HA-101	HA-101	HA-101	HA-101
Date Sampled	7/11/2002	4/29/2003	10/2/2003	7/23/2004	4/14/2005	7/11/2002	4/29/2003	10/2/2003	7/23/2004	4/14/2005	7/11/2002	4/29/2003	10/2/2003	7/23/2004	4/14/2005	7/11/2002	4/29/2003	10/2/2003	7/23/2004	4/14/2005	3/4/2002	5/1/2003	10/1/2003	4/30/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene	0.73	0.56	0.74	0.61	0.64	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.1	0.65	0.94	1.7	1.8	0.5 U			
Trichloroethene	7.5	6.3	5.6	5.3	4.9	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	5.4	4.9	3.9	4.4	4.3	0.5 U			
cis-1,2-Dichloroethene	35	29	29	25	26	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	27	13	16	18	19	0.5 U			
trans-1,2-Dichloroethene	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	3.0 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U			
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			
Vinyl Chloride	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	4.0 U	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1.0 U	2 U			
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			
1,1-Dichloroethane	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	3.0 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U			
1,2-Dichlorobenzene	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	10 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U			
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			
1,4-Dichlorobenzene	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	10 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U			
2-Butanone	5 U					5 U					5 U					5 U								
Acetone	5 U					5 U					5 U					5 U								
Benzene	0.5 U					0.5 U					0.5 U					0.5 U								
Carbon disulfide	5 U					5 U					5 U					5 U								
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	2.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			
Chloroethane	1 U		1 U	1 U	1.0 U	1 U		1 U	1 U	4.0 U	1 U		1 U	1 U	1.0 U	1 U		1 U	1 U	1.0 U				
Chloroform	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	3.0 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U			
Ethyl Ether	2.5 U					2.5 U					2.5 U					2.5 U								
Ethylbenzene	0.5 U					0.5 U					0.5 U					0.5 U								
Isopropylbenzene	0.5 U					0.5 U					0.5 U					0.5 U								
Methyl tert butyl ether	1 U					1 U					1 U					1 U								
p/m-Xylene	0.5 U					0.5 U					0.5 U					0.5 U								
Tetrahydrofuran	10 U					10 U					10 U					10 U								
Toluene	0.75 U					0.75 U					0.75 U					0.75 U								
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene	2.5 U					2.5 U					2.5 U					2.5 U								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene	2.5 U					2.5 U					2.5 U					2.5 U								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																						0.005 U	0.088	0.005 U
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
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from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	HA-101	HA-101	HA-101	MW-1	MW-1D	MW-1D	MW-1D	MW-1D	MW-1M	MW-1M	MW-1M	MW-1M	MW-1S	MW-1S	MW-1S	MW-1S	MW-202D	MW-202D	MW-202D	MW-202D	MW-202D	MW-202D	MW-202D	MW-202M
Date Sampled	7/22/2004	12/8/2004	4/14/2005	2/18/2002	7/10/2002	4/30/2003	7/19/2004	4/12/2005	7/10/2002	4/30/2003	7/19/2004	4/12/2005	7/10/2002	5/1/2003	7/19/2004	4/12/2005	9/18/2002	4/23/2003	9/30/2003	4/28/2004	7/23/2004	12/6/2004	4/12/2005	9/18/2002
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U								
Trichloroethene		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U								
cis-1,2-Dichloroethene		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U								
trans-1,2-Dichloroethene		0.75 U		0.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U								
1,1-Dichloroethene		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U								
Vinyl Chloride		1 U		2 U	1 U	2 U	1 U	1.0 U	1 U	2 U	1 U	1.0 U	1 U	2 U	1 U	1.0 U								
1,1,1-Trichloroethane		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U								
1,1-Dichloroethane		0.75 U		0.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U								
1,2-Dichlorobenzene		2.5 U		0.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U								
1,2-Dichloroethane		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U								
1,4-Dichlorobenzene		2.5 U		0.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U								
2-Butanone					5 U				5 U				5 U											
Acetone					5 U				5 U				5 U											
Benzene					0.5 U				0.5 U				0.5 U				0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
Carbon disulfide					5 U				5 U				5 U											
Chlorobenzene		0.5 U		0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U								
Chloroethane		1 U			1 U		1 U	1.0 U	1 U		1 U	1.0 U	1 U		1 U	1.0 U								
Chloroform		0.75 U		0.5 U	0.75 U	1.2	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U								
Ethyl Ether					2.5 U				2.5 U				2.5 U											
Ethylbenzene					0.5 U				0.5 U				0.5 U				0.5 U							0.5 U
Isopropylbenzene					0.5 U				0.5 U				0.5 U											
Methyl tert butyl ether					1 U				1 U				1 U				3.4	0.5 U	1 U	1 U	1 U	1 U	1.0 U	120
p/m-Xylene					0.5 U				0.5 U				0.5 U				0.5 U							0.5 U
Tetrahydrofuran					10 U				10 U				10 U											
Toluene					0.75 U				0.75 U				0.75 U				0.75 U							0.75 U
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene					2.5 U				2.5 U				2.5 U											
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene					2.5 U				2.5 U				2.5 U											
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic	0.009	0.033	0.005 U																					
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
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from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202M	MW-202S	MW-202S	MW-202S	MW-202S	MW-202S	MW-202S	MW-202S	MW-203D	MW-203D	MW-203D	MW-203D	MW-203D	MW-203D	MW-203D	MW-203M	MW-203M	MW-203M
Date Sampled	11/21/2002	4/23/2003	9/30/2003	4/28/2004	7/23/2004	12/10/2004	4/12/2005	9/18/2002	4/23/2003	9/30/2003	4/28/2004	7/23/2004	12/7/2004	4/12/2005	4/22/2003	4/22/2003	9/30/2003	4/27/2004	7/22/2004	12/7/2004	4/11/2005	4/22/2003	9/30/2003	4/27/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																								
Trichloroethene																								
cis-1,2-Dichloroethene																								
trans-1,2-Dichloroethene																								
1,1-Dichloroethene																								
Vinyl Chloride																								
1,1,1-Trichloroethane																								
1,1-Dichloroethane																								
1,2-Dichlorobenzene																								
1,2-Dichloroethane																								
1,4-Dichlorobenzene																								
2-Butanone																								
Acetone																								
Benzene	0.5 U			1 U	2 U	1.2 U	2.5 U	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U				1 U	1 U	1 U	1.0 U			0.5 U
Carbon disulfide																								
Chlorobenzene																								
Chloroethane																								
Chloroform																								
Ethyl Ether																								
Ethylbenzene	0.5 U							0.5 U																
Isopropylbenzene																								
Methyl tert butyl ether	140	98	99	180	140	280	190	1 U	0.5 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	2 U	2 U	2 U	2 U	2.0 U	29	3.3	2.7
p/m-Xylene	0.5 U							0.5 U																
Tetrahydrofuran																								
Toluene	0.75 U							0.75 U																
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene																								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
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from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-203M	MW-203M	MW-203M	MW-203S	MW-203S	MW-203S	MW-203S	MW-203S	MW-203S	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-204D	MW-204M	MW-204M	MW-204M	MW-204M	MW-204M	MW-204M	MW-204S	MW-204S	MW-204S
Date Sampled	7/22/2004	12/7/2004	4/11/2005	4/22/2003	9/30/2003	4/27/2004	7/22/2004	12/8/2004	4/11/2005	4/22/2003	9/30/2003	4/28/2004	7/21/2004	12/8/2004	4/13/2005	4/22/2003	9/30/2003	4/27/2004	7/21/2004	12/8/2004	4/13/2005	4/22/2003	9/29/2003	4/27/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																								
Trichloroethene																								
cis-1,2-Dichloroethene																								
trans-1,2-Dichloroethene																								
1,1-Dichloroethene																								
Vinyl Chloride																								
1,1,1-Trichloroethane																								
1,1-Dichloroethane																								
1,2-Dichlorobenzene																								
1,2-Dichloroethane																								
1,4-Dichlorobenzene																								
2-Butanone																								
Acetone																								
Benzene	0.5 U	0.5 U	0.50 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2 U		2 U	2 U	2 U	2.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide																								
Chlorobenzene																								
Chloroethane																								
Chloroform																								
Ethyl Ether																								
Ethylbenzene										0.5 U	0.5 U					2 U						0.5 U	0.5 U	
Isopropylbenzene																								
Methyl tert butyl ether	1 U	1 U	1.2	0.5 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U	66	90	69	33	54	80	1 U	1 U	1 U
p/m-Xylene										0.5 U	0.5 U					2 U						0.5 U	0.5 U	
Tetrahydrofuran																								
Toluene										0.75 U	0.75 U					3 U						0.75 U	0.75 U	
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene																								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-204S	MW-204S	MW-204S	MW-205D	MW-205D	MW-205D	MW-205D	MW-205D	MW-205D	MW-205M	MW-205M	MW-205M	MW-205M	MW-205M	MW-205M	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-205S	MW-206D	MW-206D	MW-206D
Date Sampled	7/21/2004	12/8/2004	4/13/2005	4/22/2003	9/30/2003	4/27/2004	7/22/2004	12/8/2004	4/11/2005	4/22/2003	9/30/2003	4/26/2004	7/22/2004	12/8/2004	4/11/2005	4/22/2003	9/29/2003	4/26/2004	7/22/2004	12/8/2004	4/11/2005	4/22/2003	9/30/2003	4/26/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																								
Trichloroethene																								
cis-1,2-Dichloroethene																								
trans-1,2-Dichloroethene																								
1,1-Dichloroethene																								
Vinyl Chloride																								
1,1,1-Trichloroethane																								
1,1-Dichloroethane																								
1,2-Dichlorobenzene																								
1,2-Dichloroethane																								
1,4-Dichlorobenzene																								
2-Butanone																								
Acetone																								
Benzene	0.5 U	0.5 U	0.50 U			0.5 U	0.5 U	0.5 U	0.50 U			2 U	2.5 U	1.2 U	1.2 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
Carbon disulfide																								
Chlorobenzene																								
Chloroethane																								
Chloroform																								
Ethyl Ether																								
Ethylbenzene																						0.5 U	0.5 U	
Isopropylbenzene																								
Methyl tert butyl ether	1 U	1 U	1.0 U	0.5 U	1 U	1 U	1 U	1 U	1.0 U	26	170	280	110	190	160	0.5 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U
p/m-Xylene																						0.5 U	0.5 U	
Tetrahydrofuran																								
Toluene																						0.75 U	0.75 U	
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene																								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-206D	MW-206D	MW-206D	MW-206M	MW-206M	MW-206M	MW-206M	MW-206M	MW-206S	MW-206S	MW-206S	MW-206S	MW-206S	MW-206S	MW-207D	MW-207D	MW-207D	MW-207D	MW-207D	MW-207D	MW-207M	MW-207M	MW-207M	MW-207M
Date Sampled	7/19/2004	12/9/2004	4/12/2005	4/22/2003	9/30/2003	4/26/2004	12/9/2004	4/12/2005	4/22/2003	9/30/2003	4/26/2004	7/19/2004	12/9/2004	4/12/2005	4/22/2003	9/30/2003	4/26/2004	7/21/2004	12/8/2004	4/12/2005	4/22/2003	9/30/2003	4/26/2004	7/20/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																								
Trichloroethene																								
cis-1,2-Dichloroethene																								
trans-1,2-Dichloroethene																								
1,1-Dichloroethene																								
Vinyl Chloride																								
1,1,1-Trichloroethane																								
1,1-Dichloroethane																								
1,2-Dichlorobenzene																								
1,2-Dichloroethane																								
1,4-Dichlorobenzene																								
2-Butanone																								
Acetone																								
Benzene	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	1 U
Carbon disulfide																								
Chlorobenzene																								
Chloroethane																								
Chloroform																								
Ethyl Ether																								
Ethylbenzene				0.5 U	0.5 U				0.5 U	0.5 U					0.5 U	0.5 U					0.5 U	0.5 U		
Isopropylbenzene																								
Methyl tert butyl ether	1 U	1 U	1.0 U	1.4	1.7	1.9	1.6	2	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1.3	2 U
p/m-Xylene				0.5 U	0.5 U				0.5 U	0.5 U					0.5 U	0.5 U					0.5 U	0.5 U		
Tetrahydrofuran																								
Toluene				0.75 U	0.75 U				0.75 U	0.75 U					0.75 U	0.75 U					0.75 U	0.75 U		
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene																								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-207M	MW-207M	MW-207S	MW-207S	MW-207S	MW-207S	MW-207S	MW-207S	MW-208D	MW-208D	MW-208D	MW-208D	MW-208D	MW-208D	MW-208M	MW-208M	MW-208M	MW-208M	MW-208M	MW-208S	MW-208S	MW-208S	MW-208S	MW-208S
Date Sampled	12/8/2004	4/12/2005	4/22/2003	9/30/2003	4/26/2004	7/19/2004	12/8/2004	4/12/2005	4/23/2003	9/30/2003	4/28/2004	7/23/2004	12/8/2004	4/14/2005	4/23/2003	9/30/2003	4/30/2004	7/23/2004	12/8/2004	4/23/2003	9/29/2003	4/30/2004	7/22/2004	12/8/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																								
Trichloroethene																								
cis-1,2-Dichloroethene																								
trans-1,2-Dichloroethene																								
1,1-Dichloroethene																								
Vinyl Chloride																								
1,1,1-Trichloroethane																								
1,1-Dichloroethane																								
1,2-Dichlorobenzene																								
1,2-Dichloroethane																								
1,4-Dichlorobenzene																								
2-Butanone																								
Acetone																								
Benzene	1 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Carbon disulfide																								
Chlorobenzene																								
Chloroethane																								
Chloroform																								
Ethyl Ether																								
Ethylbenzene			0.5 U	0.5 U					0.5 U	0.5 U					0.5 U	0.5 U				0.5 U	0.5 U			
Isopropylbenzene																								
Methyl tert butyl ether	2 U	2.0 U	1 U	1 U	1.2	1.1	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1.0 U	12	7.7	6	8.3	8.6	1 U	1 U	1 U	1 U	1 U
p/m-Xylene			0.5 U	0.5 U					0.5 U	0.5 U					0.5 U	0.5 U				0.5 U	0.5 U			
Tetrahydrofuran																								
Toluene			0.75 U	0.75 U					0.75 U	0.75 U					0.75 U	0.75 U				0.75 U	0.75 U			
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene																								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-217D	MW-217D	MW-217D	MW-217D	MW-217D	MW-217D	MW-217D	MW-217M	MW-217M	MW-217M	MW-217M	MW-217M	MW-217M	MW-217M	MW-217S	MW-217S	MW-217S	MW-217S	MW-217S	MW-217S	MW-217S	MW-218D	MW-218D	MW-218D
Date Sampled	7/23/2002	4/24/2003	10/1/2003	4/26/2004	7/20/2004	12/9/2004	4/13/2005	7/23/2002	4/24/2003	10/1/2003	4/26/2004	7/20/2004	12/8/2004	4/13/2005	7/23/2002	4/24/2003	10/1/2003	4/26/2004	7/20/2004	12/8/2004	4/13/2005	7/22/2002	4/24/2003	10/1/2003
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																								
Trichloroethene																								
cis-1,2-Dichloroethene																								
trans-1,2-Dichloroethene																								
1,1-Dichloroethene																								
Vinyl Chloride																								
1,1,1-Trichloroethane																								
1,1-Dichloroethane																								
1,2-Dichlorobenzene																								
1,2-Dichloroethane																								
1,4-Dichlorobenzene																								
2-Butanone																								
Acetone																								
Benzene	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U		
Carbon disulfide																								
Chlorobenzene																								
Chloroethane																								
Chloroform																								
Ethyl Ether																								
Ethylbenzene	0.5 U							0.5 U							0.5 U							0.5 U		
Isopropylbenzene																								
Methyl tert butyl ether	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	8.7	24	20	20	17	23	23	1 U	1 U	1 U	1.7	1 U	5	1.4	1 U	1 U	1 U
p/m-Xylene	0.5 U							0.5 U							0.5 U							0.5 U		
Tetrahydrofuran																								
Toluene	0.75 U							0.75 U							0.75 U							2.6		
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene																								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
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from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-218D	MW-218D	MW-218D	MW-218D	MW-218M	MW-218M	MW-218M	MW-218M	MW-218M	MW-218M	MW-218M	MW-218S	MW-218S	MW-218S	MW-218S	MW-218S	MW-218S	MW-218S	MW-219D	MW-219D	MW-219D	MW-219D	MW-219D	MW-219D
Date Sampled	4/27/2004	7/21/2004	12/9/2004	4/13/2005	7/22/2002	4/24/2003	10/1/2003	4/27/2004	7/21/2004	12/8/2004	4/13/2005	7/22/2002	4/24/2003	10/1/2003	4/27/2004	7/21/2004	12/8/2004	4/13/2005	9/4/2002	4/24/2003	10/1/2003	4/26/2004	7/21/2004	12/7/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																								
Trichloroethene																								
cis-1,2-Dichloroethene																								
trans-1,2-Dichloroethene																								
1,1-Dichloroethene																								
Vinyl Chloride																								
1,1,1-Trichloroethane																								
1,1-Dichloroethane																								
1,2-Dichlorobenzene																								
1,2-Dichloroethane																								
1,4-Dichlorobenzene																								
2-Butanone																								
Acetone																								
Benzene	0.5 U	0.5 U	0.5 U	0.50 U	2.3			1.7	1.1	1.3	1.2 U	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			0.5 U	0.5 U	0.5 U
Carbon disulfide																								
Chlorobenzene																								
Chloroethane																								
Chloroform																								
Ethyl Ether																								
Ethylbenzene					0.5 U							0.5 U							0.5 U					
Isopropylbenzene																								
Methyl tert butyl ether	1 U	1 U	1 U	1.0 U	14	4	15	97	22	160	100	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U
p/m-Xylene					0.55							0.5 U							0.5 U					
Tetrahydrofuran																								
Toluene					0.75 U							1.4							0.75 U					
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																								
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene																								
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-219D	MW-219M	MW-219M	MW-219M	MW-219M	MW-219M	MW-219M	MW-219M	MW-219S	MW-219S	MW-219S	MW-219S	MW-219S	MW-219S	MW-219S
Date Sampled	4/13/2005	9/5/2002	4/24/2003	10/1/2003	4/27/2004	7/21/2004	12/9/2004	4/12/2005	9/5/2002	4/24/2003	10/1/2003	4/27/2004	7/21/2004	12/7/2004	4/13/2005
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)															
Tetrachloroethene															
Trichloroethene															
cis-1,2-Dichloroethene															
trans-1,2-Dichloroethene															
1,1-Dichloroethene															
Vinyl Chloride															
1,1,1-Trichloroethane															
1,1-Dichloroethane															
1,2-Dichlorobenzene															
1,2-Dichloroethane															
1,4-Dichlorobenzene															
2-Butanone															
Acetone															
Benzene	0.50 U	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U
Carbon disulfide															
Chlorobenzene															
Chloroethane															
Chloroform															
Ethyl Ether															
Ethylbenzene		0.5 U							0.5 U						
Isopropylbenzene															
Methyl tert butyl ether	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U
p/m-Xylene		0.5 U							0.5 U						
Tetrahydrofuran															
Toluene		0.75 U							0.75 U						
Semi-Volatile Organic Compounds (ug/L)															
1,2,3-trichlorobenzene															
1,2-benzphenanthracene															
Benzo(b)fluoranthene															
Benzo(e)pyrene															
Benzo(k)fluoranthene															
Fluoranthene															
Naphthalene															
Phenanthrene															
Pyrene															
Polychlorinated Biphenyls (ug/L)															
Aroclor 1221															
Aroclor 1254															
Aroclor 1260															
Metals (mg/L)															
Arsenic															
Beryllium															
Chromium															
Copper															
Lead															
Nickel															
Zinc															

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-220D	MW-220M	MW-220M	MW-220M	MW-220M	MW-220M	MW-220M	MW-220M	MW-220M	MW-220M	MW-220M	MW-220S	MW-220S	MW-220S	MW-220S	MW-220S	MW-220S	MW-220S	MW-221D	MW-221D	MW-221D	MW-221D	MW-221D
Date Sampled	9/5/2002	9/4/2002	4/24/2003	10/1/2003	4/26/2004	7/19/2004	12/7/2004	1/13/2005	1/25/2005	4/12/2005	9/29/2005	9/4/2002	4/24/2003	10/1/2003	4/26/2004	7/19/2004	12/6/2004	4/12/2005	9/20/2002	4/24/2003	10/1/2003	4/27/2004	7/19/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene																							
Trichloroethene																							
cis-1,2-Dichloroethene																							
trans-1,2-Dichloroethene																							
1,1-Dichloroethene																							
Vinyl Chloride																							
1,1,1-Trichloroethane																							
1,1-Dichloroethane																							
1,2-Dichlorobenzene																							
1,2-Dichloroethane																							
1,4-Dichlorobenzene																							
2-Butanone																							
Acetone																							
Benzene	0.5 U	0.5 U			0.5 U	0.75	0.5 U	0.53	0.66	0.7	0.94	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	0.5 U			0.5 U	0.5 U
Carbon disulfide																							
Chlorobenzene																							
Chloroethane																							
Chloroform																							
Ethyl Ether																							
Ethylbenzene	0.5 U	0.5 U										0.5 U							0.5 U				
Isopropylbenzene																							
Methyl tert butyl ether	1 U	1 U	1 U	1 U	1 U	1 U	260 *	1 U	1 U	1.0 U	1U	1 U	1 U	1 U	1 U	1 U	1 U	1.0 U	6.1	1.8	3.1	4.4	3.7
p/m-Xylene	0.5 U	0.5 U										0.5 U							0.5 U				
Tetrahydrofuran																							
Toluene	0.75 U	0.75 U										0.75 U							0.75 U				
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene																							
1,2-benzphenanthracene																							
Benzo(b)fluoranthene																							
Benzo(e)pyrene																							
Benzo(k)fluoranthene																							
Fluoranthene																							
Naphthalene																							
Phenanthrene																							
Pyrene																							
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221																							
Aroclor 1254																							
Aroclor 1260																							
Metals (mg/L)																							
Arsenic																							
Beryllium																							
Chromium																							
Copper																							
Lead																							
Nickel																							
Zinc																							

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-221D	MW-221D	MW-221M	MW-221M	MW-221M	MW-221M	MW-221M	MW-221M	MW-221M	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-262D	MW-262D	MW-262D	MW-262D	MW-262D	MW-262M
Date Sampled	12/9/2004	4/13/2005	9/20/2002	4/24/2003	10/1/2003	4/27/2004	7/19/2004	12/9/2004	4/13/2005	1/7/2003	1/7/2003	4/29/2003	10/1/2003	2/11/2004	4/30/2004	7/20/2004	12/8/2004	4/11/2005	1/7/2003	4/30/2003	10/3/2003	7/19/2004	4/27/2005	1/7/2003
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene										59		50 U	56	60	58	75	90	79	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
Trichloroethene										4400		4300	3300	3500	3900	4800	4600	4000	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
cis-1,2-Dichloroethene										130		80	110	120	120	130	130	120	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
trans-1,2-Dichloroethene										75 U		50 U	75 U	75 U	75 U	75 U	75 U	75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene										50 U		50 U	50 U	50 U	50 U	50 U	50 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
Vinyl Chloride										100 U		200 U	100 U	100 U	100 U	100 U	100 U	100 U	1 U	2 U	1 U	1 U	1.0 U	1 U
1,1,1-Trichloroethane										50 U		50 U	50 U	50 U	50 U	50 U	50 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
1,1-Dichloroethane										75 U		50 U	75 U	75 U	75 U	75 U	75 U	75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene										250 U		50 U	250 U	250 U	250 U	250 U	250 U	250 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane										50 U		50 U	50 U	50 U	50 U	50 U	50 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
1,4-Dichlorobenzene										250 U		50 U	250 U	250 U	250 U	250 U	250 U	250 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone										500 U									5 U					5 U
Acetone										500 U									5 U					5 U
Benzene	0.5 U	0.50 U	0.5 U			0.5 U	0.5 U	0.5 U	0.50 U	50 U									0.5 U					0.5 U
Carbon disulfide										500 U									5 U					5 U
Chlorobenzene										50 U		50 U	50 U	50 U	50 U	50 U	50 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
Chloroethane										100 U			100 U	100 U	100 U	100 U	100 U	100 U	1 U		1 U	1 U	1.0 U	1 U
Chloroform										75 U		50 U	75 U	75 U	75 U	75 U	75 U	75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether										250 U									2.5 U					2.5 U
Ethylbenzene			0.5 U							50 U									0.5 U					0.5 U
Isopropylbenzene										50 U									0.5 U					0.5 U
Methyl tert butyl ether	1 U	1.0 U	6.1	1 U	1 U	1 U	1 U	1 U	1.0 U	100 U									1 U					1 U
p/m-Xylene			0.5 U							50 U									0.5 U					0.5 U
Tetrahydrofuran										1000 U									10 U					10 U
Toluene			0.75 U							75 U									2.7					0.75 U
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene										250 U									2.5 U					2.5 U
1,2-benzphenanthracene										5.6 U														
Benzo(b)fluoranthene										5.6 U														
Benzo(e)pyrene										5.6 U														
Benzo(k)fluoranthene										5.6 U														
Fluoranthene										5.6 U														
Naphthalene										5.6 U									2.5 U					2.5 U
Phenanthrene										5.6 U														
Pyrene										5.6 U														
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221											0.562 U													
Aroclor 1254											0.562 U													
Aroclor 1260											0.562 U													
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-262M	MW-262M	MW-262M	MW-262M	MW-262M	MW-262S	MW-262S	MW-262S	MW-262S	MW-262S	MW-263M	MW-263M	MW-263M	MW-263M	MW-263M	MW-263S	MW-263S	MW-263S	MW-263S	MW-263S	MW-264D	MW-264D	MW-264D	MW-264D
Date Sampled	4/30/2003	4/30/2003	10/3/2003	7/19/2004	4/27/2005	1/7/2003	4/29/2003	10/3/2003	7/20/2004	4/11/2005	1/7/2003	4/30/2003	10/3/2003	7/21/2004	4/27/2005	1/7/2003	4/30/2003	10/3/2003	7/21/2004	4/27/2005	1/7/2003	4/28/2003	10/3/2003	7/23/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2	3.8	2.8	2.2	2.5	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.59	0.6	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	100	150	57	47	41	0.5 U	2.5	0.5 U	0.61	0.50 U	0.5 U	0.85	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	1.4	1.2 U	1.2 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	4.8	0.5 U	0.5 U	1.1	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	1.2 U	1.9 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	1.2 U	1.2 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2 U	2 U	1 U	1 U	1.0 U	1 U	5 U	2.5 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	1.2 U	1.2 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	1.2 U	1.9 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U
1,2-Dichlorobenzene	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.2 U	6.2 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	1.2 U	1.2 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1.2 U	6.2 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U
2-Butanone						5 U					5 U					5 U					5 U			
Acetone						5 U					5 U					5 U					5 U			
Benzene						0.5 U					0.5 U					0.5 U					0.5 U			
Carbon disulfide						5 U					5 U					5 U					5 U			
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	1.2 U	1.2 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane			1 U	1 U	1.0 U	1 U		2.5 U	1 U	1.0 U	1 U		1 U	1 U	1.0 U	1 U		1 U	1 U	1.0 U	1 U		1 U	1 U
Chloroform	0.5 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	1.2 U	1.9 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U
Ethyl Ether						2.5 U					2.5 U					2.5 U					2.5 U			
Ethylbenzene						0.5 U					0.5 U					0.5 U					0.5 U			
Isopropylbenzene						0.5 U					0.5 U					0.5 U					0.5 U			
Methyl tert butyl ether						1 U					1 U					1 U					1 U			
p/m-Xylene						0.5 U					0.6					0.5 U					0.5 U			
Tetrahydrofuran						10 U					10 U					10 U					10 U			
Toluene						0.75 U					24					0.75 U					0.75 U			
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene						2.5 U					2.5 U					2.5 U					2.5 U			
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene						2.5 U					2.5 U					2.5 U					2.5 U			
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-264D	MW-264M	MW-264M	MW-264M	MW-264M	MW-264M	MW-264M	MW-264M	MW-264M	MW-264S	MW-264S	MW-264S	MW-264S	MW-264S	MW-264S	MW-265D	MW-265D	MW-265D	MW-265D	MW-265D	MW-265M	MW-265M	MW-265M	MW-265M
Date Sampled	4/27/2005	1/7/2003	4/28/2003	10/3/2003	2/11/2004	4/30/2004	7/23/2004	12/8/2004	4/11/2005	1/7/2003	4/28/2003	10/3/2003	7/23/2004	4/11/2005	1/7/2003	4/28/2003	10/2/2003	7/19/2004	4/27/2005	1/7/2003	4/28/2003	4/28/2003	10/2/2003
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene	0.50 U	9	14	20	12	7.5	10	7.6	6.4	4.1	3.2	0.57	0.94	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	31	50 U	50 U	45
Trichloroethene	0.50 U	100	110	150	81	67	71	59	46	15	6.9	2.6	1.2	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	580	620	600	720
cis-1,2-Dichloroethene	0.50 U	100	200	970	190	88	290	71	69	10	5.9	1.4	1.4	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2900	2400	2400	3400
trans-1,2-Dichloroethene	0.75 U	1.5	2	3.8 U	3 U	1.5 U	1.7	1.5 U	1.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	30 U	50 U	50 U	38 U
1,1-Dichloroethene	0.50 U	0.5 U	1.2 U	2.5 U	2 U	1 U	1 U	1 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	20 U	50 U	50 U	25 U
Vinyl Chloride	1.0 U	22	5 U	87	19	10	34	5.5	7	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1.0 U	360	200 U	200 U	520
1,1,1-Trichloroethane	0.50 U	0.5 U	1.2 U	2.5 U	2 U	1 U	1 U	1 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	20 U	50 U	50 U	25 U
1,1-Dichloroethane	0.75 U	0.75 U	1.2 U	3.8 U	3 U	1.5 U	1.5 U	1.5 U	1.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	30 U	50 U	50 U	38 U
1,2-Dichlorobenzene	2.5 U	2.5 U	1.2 U	12 U	10 U	5 U	5 U	5 U	5.0 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	100 U	50 U	50 U	120 U
1,2-Dichloroethane	0.50 U	0.5 U	1.2 U	2.5 U	2 U	1 U	1 U	1 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	20 U	50 U	50 U	25 U
1,4-Dichlorobenzene	2.5 U	2.5 U	1.2 U	12 U	10 U	5 U	5 U	5 U	5.0 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	100 U	50 U	50 U	120 U
2-Butanone		5 U								5 U					5 U					200 U			
Acetone		5 U								5 U					5 U					200 U			
Benzene		0.5 U								0.5 U					0.5 U					20 U			
Carbon disulfide		5 U								5 U					5 U					200 U			
Chlorobenzene	0.50 U	0.5 U	1.2 U	2.5 U	2 U	1 U	1 U	1 U	1.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	20 U	50 U	50 U	25 U
Chloroethane	1.0 U	1 U		5 U	4 U	2 U	2 U	2 U	2.0 U	1 U		1 U	1 U	1.0 U	1 U		1 U	1 U	1.0 U	40 U			50 U
Chloroform	0.75 U	0.75 U	1.2 U	3.8 U	3 U	1.5 U	1.5 U	1.5 U	1.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	30 U	50 U	50 U	38 U
Ethyl Ether		2.5 U								2.5 U					2.5 U					100 U			
Ethylbenzene		0.5 U								0.5 U					0.5 U					20 U			
Isopropylbenzene		0.5 U								0.5 U					0.5 U					20 U			
Methyl tert butyl ether		1 U								1 U					1 U					40 U			
p/m-Xylene		0.5 U								0.5 U					0.5 U					20 U			
Tetrahydrofuran		10 U								10 U					10 U					400 U			
Toluene		0.75 U								0.75 U					0.75 U					30 U			
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene		2.5 U								2.5 U					2.5 U					100 U			
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene		2.5 U								2.5 U					2.5 U					100 U			
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-265M	MW-265M	MW-265M	MW-265M	MW-265M	MW-265S	MW-265S	MW-265S	MW-265S	MW-265S	MW-266B	MW-266B	MW-266B	MW-266B	MW-266B	MW-266D	MW-266D	MW-266D	MW-266D	MW-266D	MW-266Ma	MW-266Ma	MW-266Ma
Date Sampled	2/11/2004	4/30/2004	7/19/2004	12/8/2004	4/11/2005	1/7/2003	4/28/2003	10/2/2003	7/19/2004	4/27/2005	1/6/2003	4/28/2003	10/2/2003	7/22/2004	4/27/2005	1/6/2003	4/28/2003	10/2/2003	7/22/2004	4/27/2005	1/6/2003	4/28/2003	10/2/2003
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	50 U	34	30	31	34	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
Trichloroethene	740	720	460	600	610	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	4.1	1.8	5.9
cis-1,2-Dichloroethene	2400	1600	1500	1300	1000	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.1	0.5 U	1.2
trans-1,2-Dichloroethene	75 U	30 U	30 U	30 U	30 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U
1,1-Dichloroethene	50 U	20 U	20 U	20 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	310	180	240	160	140	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1.0 U	1 U	2 U	1 U
1,1,1-Trichloroethane	50 U	20 U	20 U	20 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	75 U	30 U	30 U	30 U	30 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U
1,2-Dichlorobenzene	250 U	100 U	100 U	100 U	100 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U
1,2-Dichloroethane	50 U	20 U	20 U	20 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	250 U	100 U	100 U	100 U	100 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U
2-Butanone						5 U					5 U					5 U					5 U		
Acetone						5 U					5 U					5 U					5 U		
Benzene						0.5 U					0.5 U					0.5 U					0.5 U		
Carbon disulfide						5 U					5 U					5 U					5 U		
Chlorobenzene	50 U	20 U	20 U	20 U	20 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
Chloroethane	100 U	40 U	40 U	40 U	40 U	1 U		1 U	1 U	1.0 U	1 U		1 U	1 U	1.0 U	1 U		1 U	1 U	1.0 U	1 U		1 U
Chloroform	75 U	30 U	30 U	30 U	30 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U
Ethyl Ether						2.5 U					2.5 U					2.5 U					2.5 U		
Ethylbenzene						0.5 U					0.5 U					0.5 U					0.5 U		
Isopropylbenzene						0.5 U					0.5 U					0.5 U					0.5 U		
Methyl tert butyl ether						1 U					1 U					1 U					1 U		
p/m-Xylene						0.5 U					0.5 U					0.5 U					0.5 U		
Tetrahydrofuran						10 U					10 U					10 U					10 U		
Toluene						0.75 U					0.75 U					0.75 U					0.75 U		
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene						2.5 U					2.5 U					2.5 U					2.5 U		
1,2-benzphenanthracene																							
Benzo(b)fluoranthene																							
Benzo(e)pyrene																							
Benzo(k)fluoranthene																							
Fluoranthene																							
Naphthalene						2.5 U					2.5 U					2.5 U					2.5 U		
Phenanthrene																							
Pyrene																							
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221																							
Aroclor 1254																							
Aroclor 1260																							
Metals (mg/L)																							
Arsenic																							
Beryllium																							
Chromium																							
Copper																							
Lead																							
Nickel																							
Zinc																							

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-266Ma	MW-266Ma	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-266S	MW-266S	MW-266S	MW-266S	MW-266S	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B	MW-267B
Date Sampled	7/22/2004	4/11/2005	1/6/2003	4/28/2003	10/2/2003	2/11/2004	4/30/2004	7/21/2004	12/6/2004	4/12/2005	1/6/2003	4/28/2003	10/2/2003	7/22/2004	4/27/2005	1/6/2003	1/6/2003	4/29/2003	10/3/2003	4/29/2004	7/20/2004	12/8/2004	4/14/2005
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	0.5 U	0.50 U	66	90	78	49	43	53	50	55	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
Trichloroethene	5.5	0.50 U	540	200	640	380	370	390	360	380	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
cis-1,2-Dichloroethene	1.2	0.50 U	260	200	300	220	230	290	330	360	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
trans-1,2-Dichloroethene	0.75 U	0.75 U	7.5 U	2.6	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.50 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
Vinyl Chloride	1 U	1.0 U	10 U	4 U	10 U	10 U	10 U	26	23	28	1 U	2 U	1 U	1 U	1.0 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1.0 U
1,1,1-Trichloroethane	0.5 U	0.50 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
1,1-Dichloroethane	0.75 U	0.75 U	7.5 U	1 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	2.5 U	2.5 U	25 U	1 U	25 U	25 U	25 U	25 U	25 U	25 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.50 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
1,4-Dichlorobenzene	2.5 U	2.5 U	25 U	1 U	25 U	25 U	25 U	25 U	25 U	25 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone			50 U								5 U					5 U	5 U						
Acetone			50 U								5 U					5 U	5 U						
Benzene			5 U								0.5 U					0.5 U	0.5 U						
Carbon disulfide			50 U								5 U					5 U	5 U						
Chlorobenzene	0.5 U	0.50 U	5 U	1 U	5 U	5 U	5 U	5 U	5 U	5.0 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
Chloroethane	1 U	1.0 U	10 U		10 U	10 U	10 U	10 U	10 U	10 U	1 U		1 U	1 U	1.0 U	1 U	1 U		1 U	1 U	1 U	1 U	1.0 U
Chloroform	0.75 U	0.75 U	7.5 U	1 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether			25 U								2.5 U					2.5 U	2.5 U						
Ethylbenzene			5 U								0.5 U					0.5 U	0.5 U						
Isopropylbenzene			5 U								0.5 U					0.5 U	0.5 U						
Methyl tert butyl ether			10 U								1 U					1 U	1 U						
p/m-Xylene			5 U								0.5 U					0.5 U	0.5 U						
Tetrahydrofuran			100 U								10 U					10 U	10 U						
Toluene			7.5 U								0.75 U					0.75 U	0.75 U						
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene			25 U								2.5 U					2.5 U	2.5 U						
1,2-benzphenanthracene																							
Benzo(b)fluoranthene																							
Benzo(e)pyrene																							
Benzo(k)fluoranthene																							
Fluoranthene																							
Naphthalene			25 U								2.5 U					2.5 U	2.5 U						
Phenanthrene																							
Pyrene																							
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221																							
Aroclor 1254																							
Aroclor 1260																							
Metals (mg/L)																							
Arsenic																		0.01 U	0.01 U	0.005 U	0.001 U	0.005 U	0.005 U
Beryllium																							
Chromium																							
Copper																							
Lead																							
Nickel																							
Zinc																							

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-267D	MW-267D	MW-267D	MW-267D	MW-267D	MW-267D	MW-267D	MW-267D	MW-267M	MW-267M	MW-267M	MW-267M	MW-267M	MW-267M	MW-267M	MW-267M	MW-267S	MW-267S	MW-267S	MW-267S	MW-267S	MW-267S	MW-267S	MW-267S
Date Sampled	1/6/2003	1/6/2003	4/29/2003	10/3/2003	4/29/2004	7/21/2004	12/7/2004	4/14/2005	1/6/2003	4/30/2003	10/3/2003	2/10/2004	4/30/2004	7/21/2004	12/7/2004	4/14/2005	1/6/2003	4/30/2003	10/3/2003	2/10/2004	4/30/2004	7/21/2004	12/7/2004	4/14/2005
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene	0.5 U	8.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	6.5	13	8.3	19	12	22	25	14	6.4	4.3	5 U	1.5	1.8	3.8	2.5	4.4
Trichloroethene	0.5 U	330	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	220	400	440	580	480	570	530	420	460	80	400	140	180	290	200	340
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	120	370	230	240	180	230	220	190	120	80	100	40	50	73	50	82
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	3.8 U	2.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	0.5 U	7.5 U	1.9 U	1.9 U	3 U	3.8 U	3.8 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	0.52	5 U	1.2 U	1.2 U	2 U	2.5 U	2.5 U
Vinyl Chloride	1 U	4 U	2 U	1 U	1 U	1 U	1 U	1.0 U	5 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2 U	10 U	2.5 U	2.5 U	4 U	5 U	5.0 U
1,1,1-Trichloroethane	0.5 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	0.5 U	5 U	1.2 U	1.2 U	2 U	2.5 U	2.5 U
1,1-Dichloroethane	3 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	3.8 U	2.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	0.94	7.5 U	1.9 U	1.9 U	3 U	3.8 U	3.8 U
1,2-Dichlorobenzene	10 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	0.5 U	25 U	6.2 U	6.2 U	10 U	12 U	12 U
1,2-Dichloroethane	2 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	0.5 U	5 U	1.2 U	1.2 U	2 U	2.5 U	2.5 U
1,4-Dichlorobenzene	2.5 U	10 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	12 U	2.5 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	0.5 U	25 U	6.2 U	6.2 U	10 U	12 U	12 U
2-Butanone	5 U	5 U							25 U								50 U							
Acetone	5 U	20 U							25 U								50 U							
Benzene	2 U	2 U							2.5 U								5 U							
Carbon disulfide	20 U	20 U							25 U								50 U							
Chlorobenzene	2 U	2 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	2.5 U	2.5 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	0.5 U	5 U	1.2 U	1.2 U	2 U	2.5 U	2.5 U
Chloroethane	1 U	1 U		1 U	1 U	1 U	1 U	1.0 U	5 U		10 U	10 U	10 U	10 U	10 U	10 U	10 U		10 U	2.5 U	2.5 U	4 U	5 U	5.0 U
Chloroform	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	3.8 U	2.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	7.5 U	0.5 U	7.5 U	1.9 U	1.9 U	3 U	3.8 U	3.8 U
Ethyl Ether	10 U	10 U							12 U								25 U							
Ethylbenzene	0.5 U	2 U							2.5 U								5 U							
Isopropylbenzene	2 U	0.5 U							2.5 U								5 U							
Methyl tert butyl ether	1 U	1 U							5 U								10 U							
p/m-Xylene	2 U	2 U							2.5 U								5 U							
Tetrahydrofuran	10 U	10 U							50 U								100 U							
Toluene	0.75 U	0.75 U							3.8 U								7.5 U							
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene	2.5 U	2.5 U							12 U								25 U							
1,2-benzphenanthracene																								
Benzo(b)fluoranthene																								
Benzo(e)pyrene																								
Benzo(k)fluoranthene																								
Fluoranthene																								
Naphthalene	10 U	2.5 U							12 U								25 U							
Phenanthrene																								
Pyrene																								
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																								
Aroclor 1254																								
Aroclor 1260																								
Metals (mg/L)																								
Arsenic			0.01 U	0.01 U	0.008	0.007	0.008	0.005 U		0.01 U	0.01 U		0.005 U	0.003	0.006	0.005 U		0.015	0.01 U		0.005 U	0.004	0.005 U	0.005 U
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-268B	MW-268B	MW-268B	MW-268B	MW-268B	MW-268B	MW-268B	MW-268B	MW-268B	MW-268B	MW-268D	MW-268D	MW-268D	MW-268D	MW-268D	MW-268D	MW-268D	MW-268M	MW-268M	MW-268M	MW-268M	MW-268M	MW-268M
Date Sampled	1/6/2003	1/31/2003	2/17/2003	4/30/2003	10/2/2003	4/29/2004	7/21/2004	8/23/2004	12/10/2004	4/13/2005	1/6/2003	4/30/2003	10/2/2003	4/29/2004	7/21/2004	12/9/2004	4/13/2005	1/6/2003	4/30/2003	10/2/2003	2/11/2004	4/29/2004	7/21/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	64	50 U	50 U	100 U	100 U	57
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.63	0.5 U	0.5 U	0.50 U	11	16	5.9	8	5.5	5.2	5.8	3900	2900	2800	2800	3000	2700
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	18	27	8.5	15	9.4	7.7	8.4	10000	6800	7400	6900	7800	6700
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	75 U	50 U	75 U	150 U	150 U	75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	50 U	50 U	50 U	100 U	100 U	50 U
Vinyl Chloride	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1.0 U	1.3	2 U	1 U	1.6	1.1	1 U	1.0 U	290	200 U	280	280	280	370
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	50 U	50 U	50 U	100 U	100 U	50 U
1,1-Dichloroethane	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	75 U	50 U	75 U	150 U	150 U	75 U
1,2-Dichlorobenzene	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U	50 U	250 U	500 U	500 U	250 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	50 U	50 U	50 U	100 U	100 U	50 U
1,4-Dichlorobenzene	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	250 U	50 U	250 U	500 U	500 U	250 U
2-Butanone	10	5 U	5 U					5 U			5 U							500 U					
Acetone	5 U	5 U	5 U					5 U			5 U							500 U					
Benzene	0.5 U	0.5 U	0.5 U					0.5 U			0.5 U							50 U					
Carbon disulfide	5 U	5 U	5 U					5 U			5 U							500 U					
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	50 U	50 U	50 U	100 U	100 U	50 U
Chloroethane	1 U	1 U	1 U		1 U	1 U	1 U	1 U	1 U	1.0 U	1 U		1 U	1 U	1 U	1 U	1.0 U	100 U		100 U	200 U	200 U	100 U
Chloroform	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	75 U	50 U	75 U	150 U	150 U	75 U
Ethyl Ether	2.5 U	2.5 U	2.5 U					2.5 U			2.5 U							250 U					
Ethylbenzene	0.5 U	0.5 U	0.5 U					0.5 U			0.5 U							50 U					
Isopropylbenzene	0.5 U	0.5 U	0.5 U					0.5 U			0.5 U							50 U					
Methyl tert butyl ether	1 U	1 U	1 U					1 U			1 U							100 U					
p/m-Xylene	0.5 U	0.5 U	0.5 U					0.5 U			0.5 U							50 U					
Tetrahydrofuran	11	10 U	12					10 U			10 U							1000 U					
Toluene	0.75 U	0.75 U	0.75 U					0.75 U			0.75 U							75 U					
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene	2.5 U	2.5 U	2.5 U					2.5 U			2.5 U							250 U					
1,2-benzphenanthracene																							
Benzo(b)fluoranthene																							
Benzo(e)pyrene																							
Benzo(k)fluoranthene																							
Fluoranthene																							
Naphthalene	2.5 U	2.5 U	2.5 U					2.5 U			2.5 U							250 U					
Phenanthrene																							
Pyrene																							
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221																							
Aroclor 1254																							
Aroclor 1260																							
Metals (mg/L)																							
Arsenic				0.01 U	0.011	0.006	0.007		0.007	0.006		0.01 U	0.01 U	0.005 U	0.007	0.007	0.005 U		0.01 U	0.01 U		0.007	0.003
Beryllium																							
Chromium																							
Copper																							
Lead																							
Nickel																							
Zinc																							

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-268M	MW-268M	MW-268S	MW-268S	MW-268S	MW-268S	MW-268S	MW-268S	MW-268S
Date Sampled	12/10/2004	4/14/2005	1/6/2003	4/30/2003	10/2/2003	4/29/2004	7/21/2004	12/10/2004	4/14/2005
Depth	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)									
Tetrachloroethene	100 U	66	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
Trichloroethene	2400	2600	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
cis-1,2-Dichloroethene	5400	6000	1	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
trans-1,2-Dichloroethene	150 U	75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	100 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
Vinyl Chloride	220	350	1 U	2 U	1 U	1 U	1 U	1 U	1.0 U
1,1,1-Trichloroethane	100 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
1,1-Dichloroethane	150 U	75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	500 U	250 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	100 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
1,4-Dichlorobenzene	500 U	250 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone			5 U						
Acetone			5 U						
Benzene			0.5 U						
Carbon disulfide			5 U						
Chlorobenzene	100 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U
Chloroethane	200 U	100 U	1 U		1 U	1 U	1 U	1 U	1.0 U
Chloroform	150 U	75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether			2.5 U						
Ethylbenzene			0.5 U						
Isopropylbenzene			0.5 U						
Methyl tert butyl ether			1 U						
p/m-Xylene			0.5 U						
Tetrahydrofuran			10 U						
Toluene			0.75 U						
Semi-Volatile Organic Compounds (ug/L)									
1,2,3-trichlorobenzene			2.5 U						
1,2-benzphenanthracene									
Benzo(b)fluoranthene									
Benzo(e)pyrene									
Benzo(k)fluoranthene									
Fluoranthene									
Naphthalene			2.5 U						
Phenanthrene									
Pyrene									
Polychlorinated Biphenyls (ug/L)									
Aroclor 1221									
Aroclor 1254									
Aroclor 1260									
Metals (mg/L)									
Arsenic	0.005 U	0.005 U		0.01 U	0.01 U	0.006	0.004	0.005 U	0.005 U
Beryllium									
Chromium									
Copper									
Lead									
Nickel									
Zinc									

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-269D	MW-269D	MW-269D	MW-269D	MW-269D	MW-269D	MW-269D	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Mb	MW-269Mb	MW-269Mb	MW-269Mb	MW-269Mb	MW-269Mb	MW-269Mb	MW-269S
Date Sampled	1/7/2003	4/29/2003	10/3/2003	4/29/2004	7/22/2004	12/9/2004	4/13/2005	1/7/2003	4/29/2003	10/3/2003	4/29/2004	7/22/2004	12/9/2004	4/13/2005	1/7/2003	4/29/2003	10/3/2003	4/29/2004	7/22/2004	12/9/2004	4/12/2005	1/7/2003
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.68	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
Trichloroethene	0.5 U	0.5 U	0.5 U	0.66	0.76	1.5	0.78	0.5 U	0.5 U	0.5 U	0.5 U	0.57	0.91	0.7	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	3.7
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	1.7	2.1	3.5	2.1	0.5 U	0.5 U	0.55	0.95	1.5	2.1	1.9	0.5 U	0.5 U	0.5 U	0.5 U	0.53	0.5 U	0.52	0.85
trans-1,2-Dichloroethene	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
Vinyl Chloride	1 U	2 U	1 U	1 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1 U	1 U	1.0 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
1,1-Dichloroethane	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.56	0.82	1	1.2	1.3	1.3	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
1,2-Dichlorobenzene	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
1,4-Dichlorobenzene	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Butanone	5 U							5 U							5 U							5 U
Acetone	5 U							5 U							5 U							5 U
Benzene	0.5 U							0.5 U							0.5 U							0.5 U
Carbon disulfide	5 U							5 U							5 U							5 U
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U
Chloroethane	1 U		1 U	1 U	1 U	1 U	1.0 U	1 U		1 U	1 U	1 U	1 U	1.0 U	1 U		1 U	1 U	1 U	1 U	1.0 U	1 U
Chloroform	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U
Ethyl Ether	2.5 U							2.5 U							2.5 U							2.5 U
Ethylbenzene	0.5 U							0.5 U							0.5 U							0.5 U
Isopropylbenzene	0.5 U							0.5 U							0.5 U							0.5 U
Methyl tert butyl ether	1 U							1 U							1 U							1 U
p/m-Xylene	0.5 U							0.5 U							0.5 U							0.5 U
Tetrahydrofuran	10 U							10 U							10 U							10 U
Toluene	0.75 U							0.75 U							0.75 U							0.75 U
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene	2.5 U							2.5 U							2.5 U							2.5 U
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene	2.5 U							2.5 U							2.5 U							2.5 U
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic		0.01 U	0.01 U	0.006	0.006	0.007	0.005 U		0.01 U	0.01 U	0.005	0.009	0.011	0.005 U		0.01 U	0.016	0.011	0.008	0.010	0.008	
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-269S	MW-269S	MW-269S	MW-269S	MW-269S	MW-269S	MW-307	MW-307	MW-307	MW-307	MW-307	MW-307	MW-307	MW-313D	MW-313D	MW-313D	MW-313S	MW-313S	MW-313S	MW-314D	MW-314D	MW-314D
Date Sampled	4/29/2003	10/3/2003	4/29/2004	7/22/2004	12/9/2004	4/13/2005	9/20/2002	4/25/2003	10/2/2003	4/30/2004	7/22/2004	12/9/2004	4/12/2005	9/19/2002	8/27/2003	10/1/2003	9/19/2002	8/27/2003	10/2/2003	9/19/2002	8/28/2003	10/1/2003
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichloroethene	2.6	1.6	1.8	1.6	1.2	2.9	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.8	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
trans-1,2-Dichloroethene	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U	0.75 U
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Vinyl Chloride	2 U	1 U	1 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	1 U	1 U	1.0 U	1 U	2 U	1 U	1 U	2 U	1 U	1 U	2 U	1 U
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloroethane	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U	0.75 U
1,2-Dichlorobenzene	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.5 U
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-Dichlorobenzene	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U	2.5 U
2-Butanone							5 U							5 U			5 U			5 U		
Acetone							5 U							5 U			5 U			5 U		
Benzene							0.5 U							0.5 U			0.5 U			0.5 U		
Carbon disulfide							5 U							5 U			5 U			5 U		
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chloroethane		1 U	1 U	1 U	1 U	1.0 U	1 U		1 U	1 U	1 U	1 U	1.0 U	1 U		1 U	1 U		1 U	1 U		1 U
Chloroform	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U	0.75 U
Ethyl Ether							2.5 U							2.5 U			2.5 U			2.5 U		
Ethylbenzene							0.5 U							0.5 U			0.5 U			0.5 U		
Isopropylbenzene							0.5 U							0.5 U			0.5 U			0.5 U		
Methyl tert butyl ether							1 U							1 U			1 U			1 U		
p/m-Xylene							0.5 U							0.5 U			0.5 U			0.5 U		
Tetrahydrofuran							10 U							10 U			10 U			10 U		
Toluene							0.75 U							0.75 U			0.75 U			0.75 U		
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene							2.5 U							2.5 U			2.5 U			2.5 U		
1,2-benzphenanthracene							5 U							7.1 U			5 U			6.1 U		
Benzo(b)fluoranthene							5 U							7.1 U			5 U			6.1 U		
Benzo(e)pyrene							5 U							7.1 U			5 U			6.1 U		
Benzo(k)fluoranthene							5 U							7.1 U			5 U			6.1 U		
Fluoranthene							5 U							7.1 U			5 U			6.1 U		
Naphthalene							2.5 U							7.1 U			2.5 U			6.1 U		
Phenanthrene							5 U							7.1 U			5 U			6.1 U		
Pyrene							5 U							7.1 U			5 U			6.1 U		
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221							2.5 U							4.24 U			2.5 U			3.25 U		
Aroclor 1254							2.5 U							4.24 U			2.5 U			3.25 U		
Aroclor 1260							2.5 U							4.24 U			2.5 U			3.25 U		
Metals (mg/L)																						
Arsenic	0.01 U	0.010	0.005 U	0.003	0.005 U	0.005 U	0.029	0.023	0.038	0.022	0.036	0.010	0.016	0.073	0.084	0.080	0.120	0.049	0.069	0.087	0.076	0.120
Beryllium							0.005 U							0.005 U			0.005 U			0.005 U		
Chromium							0.01 U							0.01 U			0.01 U			0.01 U		
Copper							0.01 U							0.01 U			0.01 U			0.01 U		
Lead							0.01 U							0.01 U			0.01 U			0.01 U		
Nickel							0.025 U							0.025 U			0.025 U			0.025 U		
Zinc							0.05 U							0.05 U			0.05 U			0.05 U		

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-314D	MW-314S	MW-314S	MW-314S	MW-314S	MW-315D	MW-315D	MW-315D	MW-315D	MW-315S	MW-315S	MW-315S	MW-315S	MW-32	MW-45B	MW-45B	MW-45B	MW-45D	MW-45D	MW-45D	MW-45D	MW-45M	MW-45M
Date Sampled	7/23/2004	9/19/2002	8/28/2003	10/1/2003	7/23/2004	9/19/2002	8/28/2003	10/1/2003	7/23/2004	9/19/2002	8/28/2003	10/1/2003	7/23/2004	3/1/2002	7/23/2004	12/9/2004	4/11/2005	5/1/2003	7/23/2004	12/9/2004	4/11/2005	5/1/2003	7/22/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U									
Trichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U									
cis-1,2-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.99	0.68	0.6	0.5 U									
trans-1,2-Dichloroethene	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U									
1,1-Dichloroethene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U									
Vinyl Chloride	1 U	1 U	2 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	2 U	2	2.8	2 U									
1,1,1-Trichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U									
1,1-Dichloroethane	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U									
1,2-Dichlorobenzene	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U									
1,2-Dichloroethane	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U									
1,4-Dichlorobenzene	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	2.5 U	0.5 U	2.5 U	2.5 U	0.5 U									
2-Butanone		5 U				5 U				5 U													
Acetone		5 U				5 U				5 U													
Benzene		0.5 U				0.5 U				0.5 U					0.5 U	0.5 U	0.50 U	1 U	0.5 U	0.5 U	0.50 U	2 U	1 U
Carbon disulfide		5 U				5 U				5 U													
Chlorobenzene	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U									
Chloroethane	1 U	1 U		1 U	1 U	1 U		1 U	1 U	1 U		1 U	1 U										
Chloroform	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.75 U	0.5 U	0.75 U	0.75 U	0.5 U									
Ethyl Ether		2.5 U				2.5 U				2.5 U													
Ethylbenzene		0.5 U				0.5 U				0.5 U								1 U				2 U	
Isopropylbenzene		0.5 U				0.5 U				0.5 U													
Methyl tert butyl ether		1 U				1 U				1 U					1 U	1 U	1.0 U		1 U	1 U	1.0 U		18
p/m-Xylene		0.5 U				0.5 U				0.5 U													
Tetrahydrofuran		10 U				10 U				10 U													
Toluene		0.75 U				0.75 U				0.75 U								1 U				2 U	
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene		2.5 U				2.5 U				2.5 U													
1,2-benzphenanthracene		5 U				6.5 U				5 U													
Benzo(b)fluoranthene		5 U				6.5 U				5 U													
Benzo(e)pyrene		5 U				6.5 U				5 U													
Benzo(k)fluoranthene		5 U				6.5 U				5 U													
Fluoranthene		5 U				6.5 U				5 U													
Naphthalene		2.5 U				2.5 U				5 U													
Phenanthrene		5 U				6.5 U				5 U													
Pyrene		5 U				6.5 U				5 U													
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221		2.69 U				3.01 U				2.84 U													
Aroclor 1254		2.69 U				3.01 U				2.84 U													
Aroclor 1260		2.69 U				3.01 U				2.84 U													
Metals (mg/L)																							
Arsenic	0.096	0.028	0.100	0.110	0.110	0.071	0.050	0.120	0.110	0.160	0.230	0.240	0.190										
Beryllium		0.005 U				0.005 U				0.005 U													
Chromium		0.01 U				0.01 U				0.01 U													
Copper		0.01 U				0.01 U				0.01 U													
Lead		0.01 U				0.01 U				0.01 U													
Nickel		0.025 U				0.025 U				0.025 U													
Zinc		0.1				0.05 U				0.05													

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-45M	MW-45M	MW-45S	MW-45S	MW-45S	MW-45S	MW-47D	MW-47D	MW-47D	MW-47D	MW-47M	MW-47M	MW-47M	MW-47M	MW-47M	MW-551	MW-552	MW-553	MW-TP-3	MW-TP-3	MW-TP-3	MW-TP-3	MW-TP-3	MW-TP-3
Date Sampled	12/9/2004	4/11/2005	5/1/2003	7/22/2004	12/10/2004	4/11/2005	4/28/2004	7/23/2004	12/9/2004	4/11/2005	5/1/2003	4/28/2004	7/23/2004	12/9/2004	4/11/2005	6/8/2005	6/8/2005	6/8/2005	3/1/2002	8/12/2002	1/8/2003	1/8/2003	5/1/2003	7/21/2004
Depth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (ug/L)																								
Tetrachloroethene																2.5 U	280	260	2.2	5 U	0.73		0.5 U	0.5 U
Trichloroethene																180	5400	4300	16	5 U	4.5		0.5 U	3.9
cis-1,2-Dichloroethene																2.5 U	300	410	18	5 U	4.9		0.5 U	6.6
trans-1,2-Dichloroethene																3.8 U	75 U	75 U	0.75 U	5 U	0.75 U		0.5 U	0.75 U
1,1-Dichloroethene																2.5 U	50 U	50 U	0.5 U	5 U	0.5 U		0.5 U	0.5 U
Vinyl Chloride																5.0 U	100 U	100 U	1 U	20 U	1 U		2 U	1 U
1,1,1-Trichloroethane																2.5 U	50 U	50 U	0.5 U	5 U	0.5 U		0.5 U	0.5 U
1,1-Dichloroethane																3.8 U	75 U	75 U	0.75 U	5 U	0.75 U		0.5 U	0.75 U
1,2-Dichlorobenzene																12 U	250 U	250 U	2.5 U		2.5 U		0.59	2.5 U
1,2-Dichloroethane																2.5 U	50 U	50 U	0.5 U		0.5 U		0.5 U	0.5 U
1,4-Dichlorobenzene																12 U	250 U	250 U	2.5 U		4.4		2.1	3.6
2-Butanone																25 U	500 U	500 U	5 U		5 U			
Acetone																25 U	500 U	500 U	5 U		5 U			
Benzene	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	2 U	1 U	0.5 U	0.5 U	1.0 U	2.5 U	50 U	50 U	0.5 U		0.5 U			
Carbon disulfide																25 U	500 U	500 U	5 U		5 U			
Chlorobenzene																2.5 U	50 U	50 U	0.5 U		0.5 U		0.5 U	2.3
Chloroethane																5.0 U	100 U	100 U	1 U		1 U			1 U
Chloroform																3.8 U	75 U	75 U	0.75 U		0.75 U		0.5 U	0.75 U
Ethyl Ether																12 U	250 U	250 U	2.5 U		2.5 U			
Ethylbenzene			0.5 U								2 U					2.5 U	50 U	50 U	0.5 U		0.5 U			
Isopropylbenzene																2.5 U	50 U	50 U	0.5 U		0.5 U			
Methyl tert butyl ether	50	140		15	12	7.4	1 U	1 U	1 U	1.0 U		2 U	1 U	1 U	2.0 U	5.0 U	100 U	100 U	1 U		1 U			
p/m-Xylene																5.0 U	100 U	100 U	0.5 U		0.5 U			
Tetrahydrofuran																50 U	1000 U	1000 U	10 U		10 U			
Toluene			0.5 U								2 U					3.8 U	75 U	75 U	0.75 U		0.75 U			
Semi-Volatile Organic Compounds (ug/L)																								
1,2,3-trichlorobenzene																12 U	250 U	250 U	2.5 U		110			
1,2-benzphenanthracene																					5.9 U			
Benzo(b)fluoranthene																					5.9 U			
Benzo(e)pyrene																					5.9 U			
Benzo(k)fluoranthene																					5.9 U			
Fluoranthene																					5.9 U			
Naphthalene																12 U	250 U	250 U	2.5 U		5.9 U			
Phenanthrene																					5.9 U			
Pyrene																					5.9 U			
Polychlorinated Biphenyls (ug/L)																								
Aroclor 1221																					0.595 U			
Aroclor 1254																					0.595 U			
Aroclor 1260																					0.595 U			
Metals (mg/L)																								
Arsenic																								
Beryllium																								
Chromium																								
Copper																								
Lead																								
Nickel																								
Zinc																								

Notes:
U= Not detected, value is the sample
detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	MW-TP-3	WP-501	WP-501	WP-501	WP-501	WP-501	WP-501	WP-515	WP-515	WP-515	WP-515	WP-515	WP-520	WP-529	WP-530	WP-530	WP-534	WP-534	WP-534	WP-534	WP-540	WP-540	WP-540
Date Sampled	4/27/2005	5/10/2005	5/10/2005	5/10/2005	5/10/2005	5/10/2005	5/10/2005	5/12/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/4/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/13/2005	5/10/2005	5/11/2005	5/11/2005
Depth	-	16.2 - 16.2	21 - 21	21 - 21	22.5 - 22.5	25.9 - 25.9	27.6 - 27.6	14 - 14	16 - 16	19.3 - 19.3	21.3 - 21.3	24.3 - 24.3	15 - 15	5.5 - 5.5	6.8 - 6.8	17.8 - 17.8	15.1 - 15.1	17.4 - 17.4	20.3 - 20.3	23.7 - 23.7	16.2 - 16.2	18 - 18	21.2 - 21.2
Volatile Organic Compounds (ug/L)																							
Tetrachloroethene	0.50 U	75	56	59	68	18	3 U	90	1070	270	3	3	1200 U	2390	220	6 U	1110	610	720	1690	3 U	23	27
Trichloroethene	0.50 U	3850	2730	3400	2860	190	36	3370	45680	11800	19	18	120000	9540	1170	20 U	32290	23740	34810	16900	25	2480	1740
cis-1,2-Dichloroethene	0.50 U	190	93	100	110	30	28	220	870	130	3 U	3 U	3000	7020	690	3 U	170	290	170	190	3 U	29	13
trans-1,2-Dichloroethene	0.75 U	9	75 U	3 U	3 U	3 U	3 U	3 U	76	44	3 U	3 U	1900 U	3 U	3 U	3 U	76	95	84	36	3 U	3 U	14
1,1-Dichloroethene	0.50 U		50 U										1200 U										
Vinyl Chloride	1.0 U	10 U	10 U	100 U	10 U	45	62	10 U	10 U	10 U	10 U	10 U	2500 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane	0.50 U		50 U										1200 U										
1,1-Dichloroethane	0.75 U		75 U										1900 U										
1,2-Dichlorobenzene	2.5 U		250 U										6200 U										
1,2-Dichloroethane	0.50 U		50 U										1200 U										
1,4-Dichlorobenzene	3.3		250 U										6200 U										
2-Butanone			500 U										12000 U										
Acetone			500 U										12000 U										
Benzene			50 U										1200 U										
Carbon disulfide			500 U										12000 U										
Chlorobenzene	1.9		50 U										1200 U										
Chloroethane	1.0 U		100 U										2500 U										
Chloroform	0.75 U		75 U										1900 U										
Ethyl Ether			250 U										6200 U										
Ethylbenzene			50 U										1200 U										
Isopropylbenzene			50 U										1200 U										
Methyl tert butyl ether			100 U										2500 U										
p/m-Xylene			100 U										1200 U										
Tetrahydrofuran			1000 U										25000 U										
Toluene			75 U										2600										
Semi-Volatile Organic Compounds (ug/L)																							
1,2,3-trichlorobenzene			250 U										6200 U										
1,2-benzphenanthracene																							
Benzo(b)fluoranthene																							
Benzo(e)pyrene																							
Benzo(k)fluoranthene																							
Fluoranthene																							
Naphthalene			250 U										6200 U										
Phenanthrene																							
Pyrene																							
Polychlorinated Biphenyls (ug/L)																							
Aroclor 1221																							
Aroclor 1254																							
Aroclor 1260																							
Metals (mg/L)																							
Arsenic																							
Beryllium																							
Chromium																							
Copper																							
Lead																							
Nickel																							
Zinc																							

Notes:
U= Not detected, value is the sample detection/reporting limit
* = Data not representative; eliminated from Risk Characterization

Table 16
Summary of Groundwater Results -
Risk Characterization
Former Raytheon Facility
Wayland, Massachusetts

Location	WP-540	WP-545	WP-545	WP-545	WP-545	WP-546	WP-546	WP-546	WP-546	WP-547	WP-547	WP-547	WP-547	WP-548	WP-548	WP-548	WP-548	WP-549	WP-550	WP-550	WP-550	WP-550
Date Sampled	5/11/2005	5/11/2005	5/11/2005	5/11/2005	5/11/2005	5/11/2005	5/11/2005	5/11/2005	5/11/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/12/2005	5/13/2005	5/13/2005	5/13/2005
Depth	25.1 - 25.1	16.1 - 16.1	17.9 - 17.9	20.2 - 20.2	24.1 - 24.1	15.8 - 15.8	17.2 - 17.2	20.3 - 20.3	24 - 24	19.2 - 19.2	20.5 - 20.5	22.3 - 22.3	24.5 - 24.5	15.8 - 15.8	18.1 - 18.1	20.3 - 20.3	23.8 - 23.8	19.5 - 19.5	15.3 - 15.3	18.6 - 18.6	20.4 - 20.4	22.3 - 22.3
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	3 U	130	320	160	9	120	290 U	25	3	3	33	18	3 U	400	130	3 U	4	21	310	7	3	12
Trichloroethene	15	3890	9380	4350	110	5090	9270	330	15	330	4020	3190	180	5970	2690	12	14	2370	3030	73	3	5
cis-1,2-Dichloroethene	24	260	580	300	46	270	570	40	190	3 U	26	32	3 U	480	190	3 U	460	12	570	10	6	170
trans-1,2-Dichloroethene	3 U	10	3 U	3 U	9	3 U	3 U	3 U	3 U	3 U	3 U	3 U	3 U	10	9	3 U	10	10	3 U	3 U	3 U	3 U
1,1-Dichloroethene																						
Vinyl Chloride	63	10 U	10 U	10 U	68	10 U	10 U	10 U	160	10 U	10 U	10 U	10 U	10 U	3	10 U	320	10 U	10 U	10 U	10 U	10 U
1,1,1-Trichloroethane																						
1,1-Dichloroethane																						
1,2-Dichlorobenzene																						
1,2-Dichloroethane																						
1,4-Dichlorobenzene																						
2-Butanone																						
Acetone																						
Benzene																						
Carbon disulfide																						
Chlorobenzene																						
Chloroethane																						
Chloroform																						
Ethyl Ether																						
Ethylbenzene																						
Isopropylbenzene																						
Methyl tert butyl ether																						
p/m-Xylene																						
Tetrahydrofuran																						
Toluene																						
Semi-Volatile Organic Compounds (ug/L)																						
1,2,3-trichlorobenzene																						
1,2-benzphenanthracene																						
Benzo(b)fluoranthene																						
Benzo(e)pyrene																						
Benzo(k)fluoranthene																						
Fluoranthene																						
Naphthalene																						
Phenanthrene																						
Pyrene																						
Polychlorinated Biphenyls (ug/L)																						
Aroclor 1221																						
Aroclor 1254																						
Aroclor 1260																						
Metals (mg/L)																						
Arsenic																						
Beryllium																						
Chromium																						
Copper																						
Lead																						
Nickel																						
Zinc																						

Notes:
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detection/reporting limit
* = Data not representative; eliminated
from Risk Characterization

Table 17
Summary Statistics for Soil Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Northern Area

Parameter	Number of Detections	Number of Samples	Minimum	Average	Maximum	Background	COC in Soil
Volatile Organic Compounds (ug/Kg)							
acetone	3	27	21	37	62		**Yes**
cis-1,2-dichloroethene	2	27	90	175	260		**Yes**
methyl tert butyl ether	0	27	ND	ND	ND		No
naphthalene	0	27	0	ND	0	500	No
tetrachloroethene	1	27	99	99	99		**Yes**
toluene	0	27	ND	ND	ND		No
trichloroethene	5	27	53	189	340		**Yes**
vinyl chloride	0	27	ND	ND	ND		No
Metals (mg/Kg)							
arsenic	0	0	-	-	-	20	No
beryllium	0	0	-	-	-	0.4	No
chromium	0	0	-	-	-	30	No
copper	0	0	-	-	-	40	No
lead	0	0	-	-	-	100	No
nickel	0	0	-	-	-	20	No
zinc	0	0	-	-	-	100	No

Notes:
ND = Not Detected
- = Not Analyzed
Background = MADEP identified background levels in "natural" soil, May 2002
Bold compounds are Contaminants of Concern (COC)

Table 17
Summary Statistics for Soil Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Southern Area

Parameter	Number of Detections	Number of Samples	Minimum	Average	Maximum	Background	COC in Soil
Volatile Organic Compounds (ug/Kg)							
acetone	0	0	NA	NA	NA		No
cis-1,2-dichloroethene	0	0	NA	NA	NA		No
methyl tert butyl ether	0	6	ND	ND	ND		No
naphthalene	0	0	NA	NA	NA	500	No
tetrachloroethene	0	0	NA	NA	NA		No
toluene	0	6	ND	ND	ND		No
trichloroethene	0	0	NA	NA	NA		No
vinyl chloride	0	0	NA	NA	NA		No
Metals (mg/Kg)							
arsenic	0	0	-	-	-	20	No
beryllium	0	0	-	-	-	0.4	No
chromium	0	0	-	-	-	30	No
copper	0	0	-	-	-	40	No
lead	0	0	-	-	-	100	No
nickel	0	0	-	-	-	20	No
zinc	0	0	-	-	-	100	No

Notes:
ND = Not Detected
NA = Compounds in the Southern Area that were previously evaluated under RTN 3-13302
- = Not Analyzed
Background = MADEP identified background levels in "natural" soil, May 2002
Bold compounds are Contaminants of Concern (COC)

Table 17
Summary Statistics for Soil Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Western Area

Parameter	Number of Detections	Number of Samples	Minimum	Average	Maximum	Background	COC in Soil
Volatile Organic Compounds (ug/Kg)							
acetone	2	3	84	112	140		**Yes**
cis-1,2-dichloroethene	0	3	0	ND	0		No
methyl tert butyl ether	0	3	0	ND	0		No
naphthalene	0	6	0	ND	0	500	No
tetrachloroethene	0	3	0	ND	0		No
toluene	0	3	0	ND	0		No
trichloroethene	0	3	0	ND	0		No
vinyl chloride	0	3	0	ND	0		No
Metals (mg/Kg)							
arsenic	1	3	5.1	5	5.1	20	No
beryllium	1	3	0.51	1	0.51	0.4	**Yes**
chromium	3	3	7.3	8	8.8	30	No
copper	3	3	6.2	9	14	40	No
lead	2	3	6.2	6	6.6	100	No
nickel	2	3	3	3	3.5	20	No
zinc	1	3	6.7	7	6.7	100	No

Notes:
ND = Not Detected
Background = MADEP identified background levels in "natural" soil, May 2002
Bold compounds are Contaminants of Concern (COC)

Table 18
Summary Statistics for Groundwater Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Number of Detections	Number of Samples	Minimum	Average	Maximum	COC in Groundwater
Volatile Organic Compounds (ug/L)						
Tetrachloroethene	144	549	0.56	95	2,390	**Yes**
Trichloroethene	215	549	0.53	2250	120,000	**Yes**
cis-1,2-Dichloroethene	217	549	0.52	575	10,000	**Yes**
trans-1,2-Dichloroethene	20	549	0.99	26	95	**Yes**
1,1-Dichloroethene	2	507	0.52	12.8	25	**Yes**
Vinyl Chloride	49	549	1.1	124	520	**Yes**
1,1,1-Trichloroethane	5	507	6.16	9	10	**Yes**
1,1-Dichloroethane	23	507	0.56	4.3	34	**Yes**
1,2-Dichlorobenzene	1	398	0.59	0.6	0.6	No
1,4-Dichlorobenzene	4	398	2.1	3.4	4.4	No
2-Butanone	1	183	10	10	10	No
Benzene	9	383	0.53	1.1	2.3	**Yes**
Carbon disulfide	1	183	6	6.0	6.0	No
Chlorobenzene	3	398	1.9	9.7	25	No
Chloroform	1	398	1	1.2	1.2	No
Ethyl Ether	5	183	2.5	3.4	5.7	No
Ethylbenzene	1	227	0.56	0.6	0.6	No
Methyl tert butyl ether	69	425	1	51	280	**Yes**
p/m-Xylene	3	223	0.55	0.7	0.9	No
Tetrahydrofuran	2	183	11	12	12	No
Toluene	6	227	1.4	439	2,600	**Yes**
Semi-Volatile Organic Compounds (ug/L)						
1,2,3-trichlorobenzene	1	183	110	110	110	No
Polychlorinated Biphenyls (ug/L)						
Aroclor 1221	0	9	ND	ND	ND	No
Aroclor 1254	0	9	ND	ND	ND	No
Aroclor 1260	0	9	ND	ND	ND	No
Metals (mg/L)						
Arsenic	63	107	0.003	0.046	0.24	No
Zinc	2	7	0.05	0.075	0.1	**Yes**

N otes:
ND = Not Detected

Table 19
Comparison of Soil EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Northern Area EPCs	Southern Area EPCs	Western Area EPCs
Parameter	**S-2/GW-1**	**S-2/GW-2**	**S-2/GW-3**			
Volatile Organic Compounds (ug/Kg)						
acetone	3,000	60,000	60,000	37	ND	112
cis-1,2-dichloroethene	2,000	500,000	500,000	175	ND	ND
tetrachloroethene	500	30,000	30,000	99	ND	ND
trichloroethene	400	20,000	100,000	189	ND	ND
Metals (mg/Kg)						
beryllium	0.8	0.8	0.8	NA	NA	0.5

Notes:
ND = Not Detected
NA = Not Analyzed
Bold values exceed applicable Method 1 Standards

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards																
Parameter	**GW-1**	**GW-2**	**GW-3**	**B-221**	**B-222**	**B-223**	**B-224**	**B-225**	**B-226**	**B-227**	**B-228**	**B-229**	**B-230**	**B-231**	**B-232**	**B-233**	**B-234**
Volatile Organic Compounds (ug/L)																	
Tetrachloroethene	5	3,000	5,000	**11**	**8.0**	**11**	**6.7**	**11**	**13**	**33**	**22**	**34**	**31**	-	**13**	-	-
Trichloroethene	5	300	20,000	**21**	**11**	**19**	-	**27**	**17**	**324**	**118**	**1,127**	**427**	**31**	**1,320**	-	-
cis-1,2-Dichloroethene	70	30,000	50,000	19	41	41	28	**82**	**72**	**180**	**156**	**107**	**2,692**	12	**3,430**	-	-
trans-1,2-Dichloroethene	100	20,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	7	1	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	2	40,000	-	-	-	-	-	-	-	**28**	**27**	**230**	-	**180**	-	-
1,1,1-Trichloroethane	200	4,000	50,000	-	-	-	-	-	-	-	8.9	10	-	-	-	-	-
1,1-Dichloroethane	70	9,000	50,000	-	-	-	-	-	-	-	-	-	34	-	13	-	-
Benzene	5	2,000	7,000								-	-	-				
Methyl tert butyl ether	70	50,000	50,000								-	-	-				
Toluene	1,000	6,000	50,000								-	-	-				
Metals (mg/L)																	
Zinc	2	NA	0.9														

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Groundwater Exposure Point Concentrations (EPCs)																
Parameter	**GW-1**	**GW-2**	**GW-3**	**B-235**	**B-236**	**B-237**	**B-239**	**B-240**	**B-241**	**B-242**	**B-411**	**B-412**	**B-413**	**B-414**	**B-415**	**B-416**	**B-417**	**B-418**	**B-419**	**B-420**	**B-421**
Volatile Organic Compounds (ug/L)																					
Tetrachloroethene	5	3,000	5,000	-	-	-	-	**38**	**560**	**5.1**	0.8	3.9	**28**	-	-	-	-	-	-	-	-
Trichloroethene	5	300	20,000	-	-	-	-	**348**	**8,564**	**740**	**5.7**	**26**	**574**	1.4	-	-	0.6	-	-	-	-
cis-1,2-Dichloroethene	70	30,000	50,000	-	-	-	-	**638**	**304**	-	4.9	50	**457**	10	-	-	2.9	-	4.0	-	-
trans-1,2-Dichloroethene	100	20,000	50,000	-	-	-	-	-	25	-	-	1.0	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	7	1	50,000	-	-	-	-	-	**25.2**	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl Chloride	2	2	40,000	-	-	-	-	**132**	**130**	-	-	**3.4**	-	1.5	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200	4,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70	9,000	50,000	-	-	-	-	-	18	-	1.6	1.3	-	2.5	-	-	1.9	-	2.6	-	-
Benzene	5	2,000	7,000								-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70	50,000	50,000								-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000	6,000	50,000								-	-	-	-	-	-	-	-	-	-	-
Metals (mg/L)																					
Zinc	2	NA	0.9																		

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Groundwater Exposure Point Concentrations (EPCs)																
Parameter	**GW-1**	**GW-2**	**GW-3**	**B-422**	**B-424**	**B-425**	**B-426**	**DEP-19D**	**DEP-19M**	**DEP-19S**	**DEP-20**	**DEP-21**	**HA-101**	**MW-1**	**MW-1D**	**MW-1M**	**MW-1S**	**MW-202D**	**MW-202M**	**MW-202S**	**MW-203D**
Volatile Organic Compounds (ug/L)																					
Tetrachloroethene	5	3,000	5,000	-	-	-	-	-	0.7	-	-	1.2	-	-	-	-	-	NA	NA	NA	NA
Trichloroethene	5	300	20,000	-	-	-	-	1.4	**5.9**	-	-	4.6	-	-	-	-	-	NA	NA	NA	NA
cis-1,2-Dichloroethene	70	30,000	50,000	2.2	-	-	-	1.7	29	-	-	19	-	-	-	-	-	NA	NA	NA	NA
trans-1,2-Dichloroethene	100	20,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA
1,1-Dichloroethene	7	1	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA
Vinyl Chloride	2	2	40,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA
1,1,1-Trichloroethane	200	4,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA
1,1-Dichloroethane	70	9,000	50,000	2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA
Benzene	5	2,000	7,000	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70	50,000	50,000	6.5	-	-	-		-	-	-	-	-	-	-	-	-	3.4	156	-	-
Toluene	1,000	6,000	50,000	-	-	-	-		-	-	-	-			-	-	-	-	-	-	
Metals (mg/L)																					
Zinc	2	NA	0.9																		

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Groundwater Exposure Point Concentrations (EPCs)																	
Parameter	**GW-1**	**GW-2**	**GW-3**	**MW-203M**	**MW-203S**	**MW-204D**	**MW-204M**	**MW-204S**	**MW-205D**	**MW-205M**	**MW-205S**	**MW-206D**	**MW-206M**	**MW-206S**	**MW-207D**	**MW-207M**	**MW-207S**	**MW-208D**	**MW-208M**	**MW-208S**	**MW-217D**	**MW-217M**
Volatile Organic Compounds (ug/L)																					
Tetrachloroethene	5	3,000	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5	300	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	70	30,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	100	20,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	7	1	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	2	2	40,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	4,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	70	9,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5	2,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70	50,000	50,000	9.1	-	-	65	-	-	156	-	-	1.7	-	-	1.3	1.2	-	8.5	-	-	19
Toluene	1,000	6,000	50,000			-	-	-				-	-	-	-	-	-	-	-	-	-	-
Metals (mg/L)																					
Zinc	2	NA	0.9																		

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Groundwater Exposure Point Concentrations (EPCs)																	
Parameter	**GW-1**	**GW-2**	**GW-3**	**MW-217S**	**MW-218D**	**MW-218M**	**MW-218S**	**MW-219D**	**MW-219M**	**MW-219S**	**MW-220D**	**MW-220M**	**MW-220S**	**MW-221D**	**MW-221M**	**MW-261S**	**MW-262D**	**MW-262M**	**MW-262S**	**MW-263M**	**MW-263S**	**MW-264D**
Volatile Organic Compounds (ug/L)																					
Tetrachloroethene	5	3,000	5,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**68**	-	-	2.7	-	0.6	-
Trichloroethene	5	300	20,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**4,100**	-	-	**79**	1.6	0.9	-
cis-1,2-Dichloroethene	70	30,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**118**	-	-	1.4	-	3.0	-
trans-1,2-Dichloroethene	100	20,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-
1,1-Dichloroethene	7	1	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-
Vinyl Chloride	2	2	40,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-
1,1,1-Trichloroethane	200	4,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-
1,1-Dichloroethane	70	9,000	50,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	-	-	-	-	-	-	-
Benzene	5	2,000	7,000	-	-	1.6	-	-	-	-	-	0.7	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70	50,000	50,000	2.7	-	59	-	-	-	-	-	-	-	3.8	6.1	-	-	-	-	-	-	-
Toluene	1,000	6,000	50,000	-	2.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-
Metals (mg/L)																					
Zinc	2	NA	0.9																		

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Groundwater Exposure Point Concentrations (EPCs)															
Parameter	**GW-1**	**GW-2**	**GW-3**	**MW-264M**	**MW-264S**	**MW-265D**	**MW-265M**	**MW-265S**	**MW-266B**	**MW-266D**	**MW-266Ma**	**MW-266Mb**	**MW-266S**	**MW-267B**	**MW-267D**	**MW-267M**	**MW-267S**	**MW-268B**	**MW-268D**
Volatile Organic Compounds (ug/L)																			
Tetrachloroethene	5	3,000	5,000	**11**	2.2	-	**34**	-	-	-	-	**61**	-	-	**8.8**	**15**	3.5	-	-
Trichloroethene	5	300	20,000	**86**	**6.4**	-	**628**	-	-	-	4.3	**408**	-	-	**330**	**455**	**261**	0.6	**8.2**
cis-1,2-Dichloroethene	70	30,000	50,000	**247**	4.7	-	**2,100**	-	-	-	1.5	**274**	-	-	-	**223**	**74**	-	13
trans-1,2-Dichloroethene	100	20,000	50,000	1.7	-	-	-	-	-	-	-	2.6	-	-	-	-	-	-	-
1,1-Dichloroethene	7	1	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-
Vinyl Chloride	2	2	40,000	**26**	-	-	**273**	-	-	-	-	**26**	-	-	-	-	-	-	1.3
1,1,1-Trichloroethane	200	4,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70	9,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	-	-
Benzene	5	2,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	70	50,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	1,000	6,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals (mg/L)																			
Zinc	2	NA	0.9																

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Groundwater Exposure Point Concentrations (EPCs)																	
Parameter	**GW-1**	**GW-2**	**GW-3**	**MW-268M**	**MW-268S**	**MW-269D**	**MW-269Ma**	**MW-269Mb**	**MW-269S**	**MW-307**	**MW-313D**	**MW-313S**	**MW-314D**	**MW-314S**	**MW-315D**	**MW-315S**	**MW-32**	**MW-45B**	**MW-45D**	**MW-45M**	**MW-45S**	**MW-47D**
Volatile Organic Compounds (ug/L)																						
Tetrachloroethene	5	3,000	5,000	**62**	-	0.7	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA	NA
Trichloroethene	5	300	20,000	**2,888**	-	0.9	0.7	-	2.2	-	-	-	-	-	-	-	-	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	70	30,000	50,000	**7,125**	1.0	2.4	1.4	0.5	0.8	-	-	-	-	-	-	0.8	-	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	100	20,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA	NA
1,1-Dichloroethene	7	1	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA	NA
Vinyl Chloride	2	2	40,000	**296**	-	-	-	-	-	-	-	-	-	-	-	**2.4**	-	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200	4,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA	NA
1,1-Dichloroethane	70	9,000	50,000	-	-	-	1.0	-	-	-	-	-	-	-	-	-	-	NA	NA	NA	NA	NA
Benzene	5	2,000	7,000	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-
Methyl tert butyl ether	70	50,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	69	11	-
Toluene	1,000	6,000	50,000	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	-	
Metals (mg/L)																						
Zinc	2	NA	0.9							-	-	-	-	0.10	-	0.05			-			

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302

Table 20
Comparison of Groundwater EPCs to Method 1 Standards
Former Raytheon Facility
Wayland, Massachusetts

	Method 1 Standards			Groundwater Exposure Point Concentrations (EPCs)																
Parameter	**GW-1**	**GW-2**	**GW-3**	**MW-47M**	**MW-551**	**MW-552**	**MW-553**	**MW-TP-3**	**WP-501**	**WP-515**	**WP-520**	**WP-529**	**WP-530**	**WP-534**	**WP-540**	**WP-545**	**WP-546**	**WP-547**	**WP-548**	**WP-549**	**WP-550**
Volatile Organic Compounds (ug/L)																					
Tetrachloroethene	5	3,000	5,000	NA	-	**280**	**260**	0.7	**55**	**287**	**-**	**2,390**	**220**	**1,033**	**25**	**155**	**49**	**18**	**178**	**21**	**83**
Trichloroethene	5	300	20,000	NA	**180**	**5,400**	**4,300**	4.2	**2,178**	**12,177**	**120,000**	**9,540**	**1,170**	**26,935**	**1,065**	**4,433**	**3,676**	**1,930**	**2,172**	**2,370**	**778**
cis-1,2-Dichloroethene	70	30,000	50,000	NA	-	**300**	**410**	5.8	**92**	**407**	**3,000**	**7,020**	**690**	**205**	22	**297**	**268**	29	**377**	12	**189**
trans-1,2-Dichloroethene	100	20,000	50,000	NA	-	-	-	-	9.0	60	-	-	-	73	14	10	-	-	10	10	-
1,1-Dichloroethene	7	1	50,000	NA	-	-	-	-	-		-										
Vinyl Chloride	2	2	40,000	NA	-	-	-	-	**54**	-	-	-	-	-	**63**	**68**	**160**	-	**162**	-	-
1,1,1-Trichloroethane	200	4,000	50,000	NA	-	-	-	-	-		-										
1,1-Dichloroethane	70	9,000	50,000	NA	-	-	-	-	-		-										
Benzene	5	2,000	7,000	-	-	-	-	-	-		-										
Methyl tert butyl ether	70	50,000	50,000	-	-	-	-	-	-		-										
Toluene	1,000	6,000	50,000	-	-	-	-	-	-		**2,600**										
Metals (mg/L)																					
Zinc	2	NA	0.9																		

Notes:
- = Not detected
Blank cells were not analyzed
Bold values exceed applicable Method 1 Standards
NA=COCs in the Southern Area that were previously evaluated under RTN 3-13302