

**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.	MW-TP-3	MW-1S	MW-1M	MW-1D	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-262S
Date Sampled	21-Jul-04	19-Jul-04	19-Jul-04	19-Jul-04	11-Feb-04	30-Apr-04	30-Apr-04	20-Jul-04	20-Jul-04	08-Dec-04	20-Jul-04
Comments	RCGW1						DUP		DUP		
<b>VOCs (ug/L)</b>											
Tetrachloroethene	5	-	-	-	<b>60</b>	<b>58</b>	<b>60</b>	<b>75</b>	<b>76</b>	<b>90</b>	2.2
Trichloroethene	5	3.9	-	-	<b>3,500</b>	<b>3,900</b>	<b>4,200</b>	<b>4,800</b>	<b>4,900</b>	<b>4,600</b>	<b>47</b>
cis-1,2-Dichloroethene	70	6.6	-	-	<b>120</b>	<b>120</b>	<b>130</b>	<b>130</b>	<b>130</b>	<b>130</b>	-
trans-1,2-dichloroethene	100	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	3.6	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	2.3	-	-	-	-	-	-	-	-	-

Notes:

- = Not Detected

Bold and shading indicates exceedence of RCGW1

**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-262M	MW-262D	MW-263S	MW-263M	MW-264S	MW-264S	MW-264M	MW-264M	MW-264M	MW-264M	MW-264D	MW-265S
Date Sampled		19-Jul-04	19-Jul-04	21-Jul-04	21-Jul-04	23-Jul-04	23-Jul-04	11-Feb-04	30-Apr-04	23-Jul-04	08-Dec-04	23-Jul-04	19-Jul-04
Comments	RCGW1	DUP											
<b>VOCs (ug/L)</b>													
Tetrachloroethene	5	-	-	0.6	-	0.94	0.98	<b>12</b>	<b>7.5</b>	<b>10</b>	<b>7.6</b>	-	-
Trichloroethene	5	-	-	-	0.61	1.2	1.2	<b>81</b>	<b>67</b>	<b>71</b>	<b>59</b>	-	-
cis-1,2-Dichloroethene	70	-	-	-	-	1.4	1.3	<b>190</b>	<b>88</b>	<b>290</b>	<b>71</b>	-	-
trans-1,2-dichloroethene	100	-	-	-	-	-	-	-	-	1.7	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	<b>19</b>	<b>10</b>	<b>34</b>	<b>5.5</b>	-	-
1,1-Dichloroethane	70	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-	-	-	-	-

Notes:

- = Not Detected

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**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-265M	MW-265M	MW-265M	MW-265M	MW-265D	MW-266S	MW-266Ma	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb
Date Sampled		11-Feb-04	30-Apr-04	19-Jul-04	08-Dec-04	19-Jul-04	22-Jul-04	22-Jul-04	11-Feb-04	30-Apr-04	21-Jul-04	06-Dec-04
Comments	RCGW1											
<b>VOCs (ug/L)</b>												
Tetrachloroethene	5	-	<b>34</b>	<b>30</b>	<b>31</b>	-	-	-	<b>49</b>	<b>43</b>	<b>53</b>	<b>50</b>
Trichloroethene	5	<b>740</b>	<b>720</b>	<b>460</b>	<b>600</b>	-	-	<b>5.5</b>	<b>380</b>	<b>370</b>	<b>390</b>	<b>360</b>
cis-1,2-Dichloroethene	70	<b>2,400</b>	<b>1,600</b>	<b>1,500</b>	<b>1,300</b>	-	-	1.2	<b>220</b>	<b>230</b>	<b>290</b>	<b>330</b>
trans-1,2-dichloroethene	100	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	<b>310</b>	<b>180</b>	<b>240</b>	<b>160</b>	-	-	-	-	-	<b>26</b>	<b>23</b>
1,1-Dichloroethane	70	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-	-	-	-

Notes:

- = Not Detected

Bold and shading indicates exceedence of RCGW1

**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.	MW-266D	MW-266B	MW-267S	MW-267S	MW-267S	MW-267S	MW-267S	MW-267S	MW-267M	MW-267M	MW-267M	MW-267M
Date Sampled	22-Jul-04	22-Jul-04	10-Feb-04	30-Apr-04	21-Jul-04	21-Jul-04	07-Dec-04	10-Feb-04	30-Apr-04	21-Jul-04	07-Dec-04	
Comments	RCGW1			DUP								
<b>VOCs (ug/L)</b>												
Tetrachloroethene	5	-	-	1.5	1.8	3.8	-	2.5	<b>19</b>	<b>12</b>	<b>22</b>	<b>25</b>
Trichloroethene	5	-	-	<b>140</b>	<b>180</b>	<b>290</b>	<b>320</b>	<b>200</b>	<b>580</b>	<b>480</b>	<b>570</b>	<b>530</b>
cis-1,2-Dichloroethene	70	-	-	40	50	<b>73</b>	<b>77</b>	50	<b>240</b>	<b>180</b>	<b>230</b>	<b>220</b>
trans-1,2-dichloroethene	100	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-	-	-	-

Notes:  
 - = Not Detected  
 Bold and shading indicates exceedence of RCGW1

**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-267D	MW-267D	MW-267D	MW-267B	MW-267B	MW-267B	MW-267B	MW-268S	MW-268S	MW-268S	MW-268M
Date Sampled		29-Apr-04	21-Jul-04	07-Dec-04	29-Apr-04	29-Apr-04	20-Jul-04	08-Dec-04	29-Apr-04	21-Jul-04	10-Dec-04	11-Feb-04
Comments	RCGW1				DUP							
<b>VOCs (ug/L)</b>												
Tetrachloroethene	5	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	-	-	-	-	-	-	-	-	-	-	2,800
cis-1,2-Dichloroethene	70	-	-	-	-	-	-	-	-	-	-	6,900
trans-1,2-dichloroethene	100	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	280
1,1-Dichloroethane	70	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-	-	-	-

Notes:  
 - = Not Detected  
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**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-268M	MW-268M	MW-268M	MW-268D	MW-268D	MW-268D	MW-268B	MW-268B	MW-268B	MW-268B	MW-268B
Date Sampled		29-Apr-04	21-Jul-04	10-Dec-04	29-Apr-04	21-Jul-04	09-Dec-04	29-Apr-04	21-Jul-04	23-Aug-04	10-Dec-04	10-Dec-04
Comments	RCGW1											DUP
<b>VOCs (ug/L)</b>												
Tetrachloroethene	5	-	57	-	-	-	-	-	-	-	-	-
Trichloroethene	5	3,000	2,700	2,400	8	5.5	5.2	-	0.63	-	-	-
cis-1,2-Dichloroethene	70	7,800	6,700	5,400	15	9.4	7.7	-	-	-	-	-
trans-1,2-dichloroethene	100	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	280	370	220	1.6	1.1	-	-	-	-	-	-
1,1-Dichloroethane	70	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-	-	-	-

Notes:

- = Not Detected

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**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-269S	MW-269S	MW-269S	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Mb	MW-269Mb	MW-269Mb	MW-269D	MW-269D
Date Sampled		29-Apr-04	22-Jul-04	09-Dec-04	29-Apr-04	22-Jul-04	09-Dec-04	09-Dec-04	29-Apr-04	22-Jul-04	09-Dec-04	29-Apr-04	22-Jul-04
Comments	RCGW1	DUP											
<b>VOCs (ug/L)</b>													
Tetrachloroethene	5	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	5	1.8	1.6	1.2	-	0.57	0.84	0.91	-	-	-	0.66	0.76
cis-1,2-Dichloroethene	70	-	-	-	0.95	1.5	2	2.1	-	0.53	-	1.7	2.1
trans-1,2-dichloroethene	100	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	70	-	-	-	1	1.2	1.4	1.3	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-	-	-	-	-	-	-	-

Notes:  
 - = Not Detected  
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**Table 3a**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.	MW-269D	DEP-19S	DEP-19M	DEP-19D	DEP-20	DEP-21
Date Sampled	09-Dec-04	23-Jul-04	23-Jul-04	23-Jul-04	23-Jul-04	23-Jul-04
Comments	RCGW1					
<b>VOCs (ug/L)</b>						
Tetrachloroethene	5	0.68	-	0.61	-	1.7
Trichloroethene	5	1.5	-	<b>5.3</b>	1.3	4.4
cis-1,2-Dichloroethene	70	3.5	-	25	1.4	18
trans-1,2-dichloroethene	100	-	-	-	-	-
Vinyl chloride	2	-	-	-	-	-
1,1-Dichloroethane	70	-	-	-	-	-
1,4-Dichlorobenzene	5	-	-	-	-	-
Chlorobenzene	100	-	-	-	-	-

Notes:  
 - = Not Detected  
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**Table 3b**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-261S	MW-264M	MW-265M	MW-266Mb	MW-267S	MW-267S	MW-267S	MW-267S	MW-267M	MW-267M
Date Sampled		30-Apr-04	30-Apr-04	30-Apr-04	30-Apr-04	30-Apr-04	21-Jul-04	21-Jul-04	07-Dec-04	30-Apr-04	21-Jul-04
Comments	RCGW1							DUP			
<b>Metals (dissolved) (mg/L)</b>											
Arsenic	0.05					-	0.0037	0.0037	-	-	0.0027
Iron	NS	9.5	11	0.52	20	9.1				22	
Manganese	NS	0.33	0.35	0.36	0.16	1.8				0.69	

Notes:  
 - = Not Detected  
 NS = No Standard  
 Empty Cells = Not Analyzed  
 Bold and shading indicates exceedence of RCGW1

**Table 3b**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-267M	MW-267D	MW-267D	MW-267D	MW-267B	MW-267B	MW-267B	MW-267B	MW-268S	MW-268S
Date Sampled		07-Dec-04	29-Apr-04	21-Jul-04	07-Dec-04	29-Apr-04	29-Apr-04	20-Jul-04	08-Dec-04	29-Apr-04	21-Jul-04
Comments	RCGW1					DUP					
<b>Metals (dissolved) (mg/L)</b>											
Arsenic	0.05	0.006	0.008	0.0072	0.008	-	-	-	-	0.006	0.0042
Iron	NS										
Manganese	NS										

Notes:  
 - = Not Detected  
 NS = No Standard  
 Empty Cells = Not Analyzed  
 Bold and shading indicates exceedence of RCGW1

**Table 3b**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-268S	MW-268M	MW-268M	MW-268M	MW-268M	MW-268D	MW-268D	MW-268D	MW-268B	MW-268B
Date Sampled		10-Dec-04	29-Apr-04	29-Apr-04	21-Jul-04	10-Dec-04	29-Apr-04	21-Jul-04	09-Dec-04	29-Apr-04	21-Jul-04
Comments	RCGW1										
<b>Metals (dissolved) (mg/L)</b>											
Arsenic	0.05	-		0.007	0.0025	-	-	0.0074	0.007	0.006	0.0072
Iron	NS		26								
Manganese	NS		0.49								

Notes:  
- = Not Detected  
NS = No Standard  
Empty Cells = Not Analyzed  
Bold and shading indicates exceedence of RCGW1

**Table 3b**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-268B	MW-268B	MW-269S	MW-269S	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Ma	MW-269Mb	MW-269Mb
Date Sampled		10-Dec-04	10-Dec-04	29-Apr-04	22-Jul-04	29-Apr-04	22-Jul-04	09-Dec-04	09-Dec-04	29-Apr-04	22-Jul-04
Comments	RCGW1		DUP					DUP			
<b>Metals (dissolved) (mg/L)</b>											
Arsenic	0.05	0.007	0.008	-	0.0026	0.005	0.0094	0.011	0.011	0.011	0.008
Iron	NS										
Manganese	NS										

Notes:  
 - = Not Detected  
 NS = No Standard  
 Empty Cells = Not Analyzed  
 Bold and shading indicates exceedence of RCGW1

**Table 3b**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-269Mb	MW-269D	MW-269D	MW-269D
Date Sampled		09-Dec-04	29-Apr-04	22-Jul-04	09-Dec-04
Comments	RCGW1				
<b>Metals (dissolved) (mg/L)</b>					
Arsenic	0.05	0.01	0.006	0.006	0.007
Iron	NS				
Manganese	NS				

Notes:

- = Not Detected

NS = No Standard

Empty Cells = Not Analyzed

Bold and shading indicates exceedence of RCGW1

**Table 3c**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-261S	MW-264M	MW-264M
Date Sampled		11-Feb-04	11-Feb-04	30-Apr-04	30-Apr-04	20-Jul-04	20-Jul-04	20-Jul-04	20-Jul-04	11-Feb-04	11-Feb-04
Comments	RCGW1						DUP		DUP		
<b>General Chemistry (mg/L)</b>											
Ethane	NS	-	-	-	-	-	-	-	-	-	-
Ethene	NS	-	-	-	-	-	-	-	-	-	0.888
Methane	NS	-	-	-	0.322	0.366	0.383	-	-	-	8.2
Nitrate	NS	-	-	-	-	-	-	-	-	-	-
Sulfate	NS	34		32				35	35	28	
Total alkalinity	NS	40		49				52	50	80	
Total chloride	NS	6.7		6.9				6.6	7.8	24	
Total Kjeldahl Nitrogen	NS	-		-				-	-	-	
Total organic carbon	NS	0.92		-				-	-	1.2	
Total Phosphorus	NS	0.1		-				-	-	0.08	

Notes:  
 - = Not Detected  
 NS = No Standard  
 Empty Cells = Not Analyzed  
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**Table 3c**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-264M	MW-264M	MW-264M	MW-264M	MW-265M	MW-265M	MW-265M	MW-265M	MW-265M	MW-265M
Date Sampled		30-Apr-04	30-Apr-04	23-Jul-04	23-Jul-04	11-Feb-04	11-Feb-04	30-Apr-04	30-Apr-04	19-Jul-04	19-Jul-04
Comments	RCGW1										
<b>General Chemistry (mg/L)</b>											
Ethane	NS	-	-	-	-	-	-	-	-	-	-
Ethene	NS	-	-	1.39	-	-	-	5.22	-	12.3	-
Methane	NS	12.8	-	4.44	-	-	-	6.43	-	11.6	-
Nitrate	NS	-	-	-	-	-	0.41	-	-	-	-
Sulfate	NS	18	34	41	42	47	-	-	-	-	-
Total alkalinity	NS	72	76	90	79	84	-	-	-	-	-
Total chloride	NS	30	30	22	18	28	-	-	-	-	-
Total Kjeldahl Nitrogen	NS	-	-	-	-	-	-	-	-	-	-
Total organic carbon	NS	-	-	2.4	-	-	-	-	-	-	-
Total Phosphorus	NS	-	-	-	-	-	-	-	-	-	-

Notes:  
 - = Not Detected  
 NS = No Standard  
 Empty Cells = Not Analyzed  
 Bold and shading indicates exceedence of RCGW1

**Table 3c**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-266Mb	MW-267S	MW-267S	MW-267S	MW-267S
Date Sampled		11-Feb-04	11-Feb-04	30-Apr-04	30-Apr-04	21-Jul-04	21-Jul-04	10-Feb-04	10-Feb-04	30-Apr-04	30-Apr-04
Comments	RCGW1										
<b>General Chemistry (mg/L)</b>											
Ethane	NS	-	-	-	-	-	-	-	-	-	-
Ethene	NS	-	-	-	-	-	-	0.992	-	-	0.801
Methane	NS	1.57	-	-	11.1	11.9	-	480	-	-	427
Nitrate	NS	-	-	-	-	-	0.84	-	-	-	-
Sulfate	NS	32	-	26	-	-	31	58	-	48	-
Total alkalinity	NS	77	-	71	-	-	70	30	-	36	-
Total chloride	NS	8.3	-	7.8	-	-	7.8	61	-	60	-
Total Kjeldahl Nitrogen	NS	-	-	-	-	-	-	0.2	-	-	-
Total organic carbon	NS	0.9	-	-	-	-	-	0.77	-	-	-
Total Phosphorus	NS	0.06	-	-	-	-	-	0.92	-	-	-

Notes:  
 - = Not Detected  
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**Table 3c**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-267S	MW-267S	MW-267M	MW-267M	MW-267M	MW-267M	MW-267M	MW-267M	MW-268M	MW-268M
Date Sampled		21-Jul-04	21-Jul-04	10-Feb-04	10-Feb-04	30-Apr-04	30-Apr-04	21-Jul-04	21-Jul-04	11-Feb-04	11-Feb-04
Comments	RCGW1										
<b>General Chemistry (mg/L)</b>											
Ethane	NS	-			-		-	-			-
Ethene	NS	0.627			-		-	-			3.55
Methane	NS	488			97.4		105	86			65.6
Nitrate	NS		-	-		-			-	-	
Sulfate	NS		53	64		67			61	68	
Total alkalinity	NS		42	52		38			66	88	
Total chloride	NS		63	25		25			25	30	
Total Kjeldahl Nitrogen	NS			-						-	
Total organic carbon	NS			0.9						2.9	
Total Phosphorus	NS			0.04						0.14	

Notes:  
 - = Not Detected  
 NS = No Standard  
 Empty Cells = Not Analyzed  
 Bold and shading indicates exceedence of RCGW1

**Table 3c**  
**Summary Groundwater Analytical Detections**  
**Northern Area (2004)**  
**Former Raytheon Facility**  
**430 Boston Post Road**  
**Wayland, Massachusetts**

Sample I.D.		MW-268M	MW-268M	MW-268M	MW-268M	MW-268M
Date Sampled		11-Feb-04	29-Apr-04	29-Apr-04	21-Jul-04	21-Jul-04
Comments	RCGW1					
<b>General Chemistry (mg/L)</b>						
Ethane	NS	0.033		-		-
Ethene	NS	3.4		3.34		3.81
Methane	NS	69		58.3		61.2
Nitrate	NS					
Sulfate	NS		64		48	
Total alkalinity	NS		81		81	
Total chloride	NS		32		30	
Total Kjeldahl Nitrogen	NS					
Total organic carbon	NS					
Total Phosphorus	NS					

Notes:  
 - = Not Detected  
 NS = No Standard  
 Empty Cells = Not Analyzed  
 Bold and shading indicates exceedence of RCGW1