

**Table 9**  
**Summary of Groundwater Analytical Results - Dioxins**  
**Northern Area**  
**Former Raytheon Facility**  
**Wayland, Massachusetts**

Parameter	Sample I.D. Date Sampled Comments	MCP RCGW-1	MADEP TEFs **	MW-261S 7-Jan-03	MW-TP-3 8-Jan-03
<b>Dioxins</b>					
<b>Polychlorinated dibenzo-p-dioxins (PCDDs) (pg/L)</b>					
2,3,7,8-TCDD		NS	1	-	-
1,2,3,7,8-PeCDD		NS	0.5	-	-
1,2,3,4,7,8-HxCDD		NS	0.1	-	-
1,2,3,6,7,8-HxCDD		NS	0.1	-	-
1,2,3,7,8,9-HxCDD		NS	0.1	-	-
1,2,3,4,6,7,8-HpCDD		NS	0.1	-	-
1,2,3,4,6,7,8,9-OCDD		NS	0.001	3.2	-
<i>Subtotal 2,3,7,8 TCDD Equivalent</i>				<i>0.003</i>	<i>0.000</i>
<b>Polychlorinated dibenzo-p-dibenzofurans (PCDFs) (pg/L)</b>					
2,3,7,8-TCDF		NS	0.1	-	-
1,2,3,7,8-PeCDF		NS	0.5	-	-
2,3,4,7,8-PeCDF		NS	0.5	-	-
1,2,3,4,7,8-HxCDF		NS	0.1	-	0.98
1,2,3,6,7,8-HxCDF		NS	0.1	-	-
2,3,4,6,7,8-HxCDF		NS	0.1	-	-
1,2,3,7,8,9-HxCDF		NS	0.1	-	-
1,2,3,4,6,7,8-HpCDF		NS	0.1	-	-
1,2,3,4,7,8,9-HpCDF		NS	0.1	-	-
1,2,3,4,6,7,8,9-OCDF		NS	0.001	5.6	-
<i>Subtotal 2,3,7,8 TCDD Equivalent</i>				<i>0.006</i>	<i>0.098</i>
<b>Total Dioxins (pg/L)</b>					
<i>Total 2,3,7,8 TCDD Equivalent</i>		30		<i>0.009</i>	<i>0.098</i>

**Notes:**

- = Analytical result below the method detection limit.

NS = No Standard

pg/L=picograms per liter (parts per quadrillion (ppq)), 10<sup>-12</sup>g/L

\*\* TEF = Toxicity Equivalent Factor (MADEP)