

Table 9-1: Result and Recommendations Summary Table.

RESULTS AND RECOMMENDATIONS							
APEC	Contaminant	Media	Sample ID	Concentration Detected (pg TEQ/g)	Criteria Exceeded (pg TEQ/g)	Recommendation	
<b>CFB GAGETOWN RANGE AND TRAINING AREA</b>		<b>Conduct a detailed quantitative human health and ecological site specific risk assessment of the RTA where exceedances were found in order to develop a site-specific soil quality objective based on typical exposure models.</b>					
<b>APEC 1</b>	Area 50 – 1966 US DoA Test plots	PCDD/F	Soil	A1-S4SS-3	4.3	4	Collection of additional soil samples as sample location not bounded by samples meeting criteria
<b>APEC 2</b>	Area 30/31 - 1967 USDoA test plots	PCDD/F	Soil	A2-C2 A2-S2SS-2 (& duplicate analyses)	46 311, 202, and 571	4	Collection of additional soil samples to delineate exceedances
				8 of 36 discrete samples exceed, exceedances found in 5 of 6 sectors			
<b>APEC 3</b>	Area 47 Enniskillen Range Canadian 1966 – 1967 Test plot area	PCDD/F	Soil	A3-S2SS-2 A3-S2SS-3	3.9 3.9	4	Concentrations marginally below criteria, No further sampling recommended
<b>APEC 4</b>	CFB Gagetown – Immediately West of Administrative Buildings	PCDD/F	Soil	A4-C6 A4-S5SS-6	3.6 4.6	4	Limited additional sampling recommended
<b>APEC 6</b>	Area 1, Argus Impact, Coy Defensive Position, Grenade Range	PCDD/F	Soil	A6-C6 A6-S4SS-6	5.5 43	4	Analyze remaining discrete samples held by laboratory and collect additional soil samples to delineate the horizontal and vertical extent of impact
<b>APEC 7</b>	Greenfield Impact, Anti Armour Range, TOW Tracking Range	PCDD/F	Soil	A7-C6	4.6	4	Analyze the six discrete samples that comprise the composite sample
<b>APEC 13</b>	Area 28, 27, 26, 21	PCDD/F	Soil	A13-C3 A13-S3SS-3	18 18	4	Collect additional soil samples to delineate the horizontal and vertical extent of impact
<b>APEC 15</b>	Bivouacs, supplied water	PCDD/F	Soil	A15-CLOSS-2	8.3	4	Complete additional sampling within the Clones bivouac
		Chlorinated benzenes	Groundwater	No drinking water guidelines for three detected chlorinated benzene parameters		Groundwater at the Clones bivouac should be assessed for its suitability of use (site specific criteria derivation)	
<b>APEC 16</b>	Bivouacs, no water	PCDD/F	Soil	A16-MUR A16-MURSS-1 A16-MURSS-3 A16-MURSS-5	9.0 30 7.7 3.9	4	Collect additional soil samples to delineate the horizontal and vertical extent of impact
<b>APEC 18</b>	Along Firebreaks / Roadway	PCDD/F	Soil	A18-F8-C1 A18-F9-C1	4.7 4.7	4	Areas of limited use and exposure to receptors, no recommendations for additional sampling
<b>APEC 22</b>	Swan Creek Lake watershed	PCDD/F	Sediment		42	CCME probable effect level – 21.5 pg TEQ/g	Included in the ecological risk assessment. No further sampling recommended