

Table 5. Summary of Surface Water Data for Select Parameters from Geddes Brook and Ninemile Creek (1998)

Parameter	Upper Ninemile Creek		Lower Ninemile Creek		Upper Geddes Brook		Lower Geddes Brook	
	Maximum Detection	Average Detection	Maximum Detection	Average Detection	Maximum Detection	Average Detection	Maximum Detection	Average Detection
Dissolved Arsenic (µg/L-dis)	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND
Dissolved Lead (µg/L-dis)	ND	ND	ND	ND	ND	ND	1.2	1.2
Lead (µg/L)	1.8	1.8	1.7	1.7	ND	ND	1.8	1.8
Dissolved Methylmercury (ng/L-dis)	4.2E-02	4.1E-02	3.2E-02	2.1E-02	4.0E-02	2.9E-02	6.1E-02	3.7E-02
Dissolved Total Mercury (ng/L-dis)	ND	ND	ND	ND	ND	ND	1.4	1.4
Total Mercury (ng/L)	2.3	1.8	27	9.2	2.1	2.1	27	22
Hexachlorobenzene (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND
Phenol (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND
Total PAHs (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs (µg/L)	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

1. ND=Not detected
2. Data collected during the GB/NMC RI from the West Flume (Station GB4) and the "Unnamed Creek" (Station GB5), both of which discharge to lower Geddes Brook, are not included in this data summary since these streams are outside of the scope of this remedy.
3. The water samples outside of the site limits, as defined in this Proposed Plan, are not included in these statistics. These include NM1 and NM2 upstream of Amboy Dam in upper Ninemile Creek, and GB1 in upper Geddes Brook. These data can be found in the RI report, and the statistics reported for upper Ninemile Creek and upper Geddes Brook in Appendix I of the RI include the data from these stations.