Nanisivik Mine

Proposed Water Quality monitoring Stations 2009-2012				
Monitoring Information			**Post-Closure Monitoring Period (2009-2012)**	
Station Number	**Station Description**	**Purpose**	**2009 - 2010 Monitoring Frequency**	**2011 - 2012 Monitoring Frequency**
Twin Lakes Creek Watershed				
NML-23	Outflow from East Twin Lake	Upstream Control Station	**Bi-weekly**	**Monthly**
159-4	Outflow from West Twin Disposal Area	Final Discharge Point	**Bi-weekly**	**Monthly**
159-10	Twin Lakes Creek upstream of west townsite tributary	General Monitoring	**Bi-weekly**	**Monthly**
159-6	Outlet of Twin Lakes Creek into Strathcona Sound	General Monitoring	**Bi-weekly**	**Monthly**
Chris Creek				
159-15	Chris Creek upstream of Area 14	Upstream Control Statoin	**Monthly**	**Monthly**
159-14	Chris Creek downstream of K-Baseline	K-Baseline Monitoring	**Monthly**	**Monthly**
159-17	Chris Creek Outlet into Strathcoma Sound	Final Discharge Point	**Monthly**	**Monthly**
Landfill				
NML-29	Downstream of Landfill - East Drainage System	Landfill Monitoring	**Monthly**	**Monthly**

Notes:

1. Field parameters include: pH, conductivity, and temparature, whle laboratory parameters include: total metals, sulphate, and totals suspended solids.
It should be noted that all metal analyses to comprise hardness, cadmium, lead, and zinc.

2. The recommended sampling locations for 2009-2012 presented have been strategically identified as either background sampling locations or in the
immediate area and/or downgradient of former mine activities. Further it is expected that these locations along with the suggested frequencies and
parameters, will provide the required information to ensure the reclamation objectives are being met.