## ALDERON IRON ORE CORP. ENVIRONMENTAL IMPACT STATEMENT KAMI IRON ORE MINE AND RAIL INFRASTRUCTURE, LABRADOR



## **Appendix U**

Mapping of Water Quality Concentration Contours across the Province

Figure 17I.1 Alkalinity Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

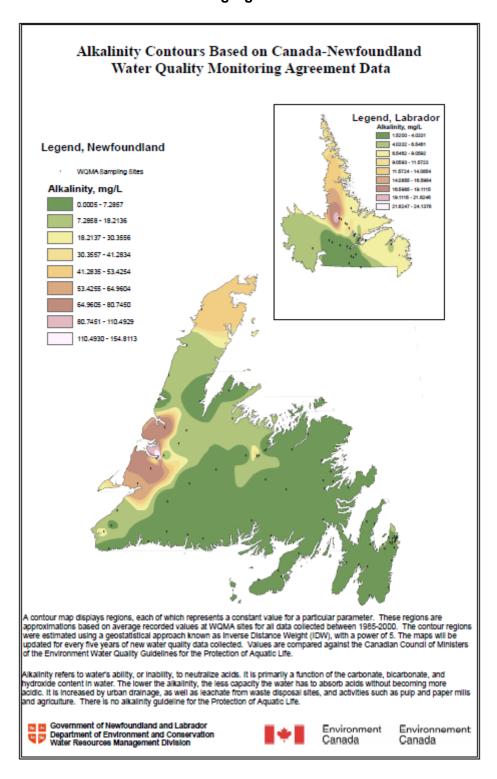


Figure 17I.2 Colour Contours Based on Canada-Newfoundland Water Quality Monitoring
Agreement Data

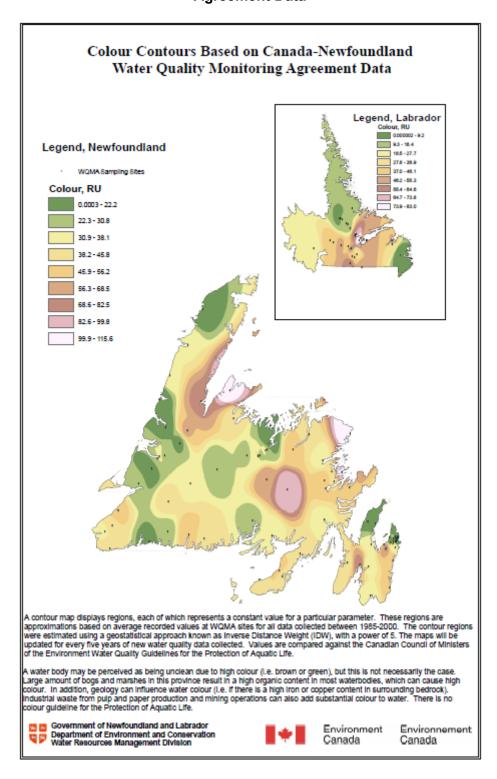


Figure 17I.3 Conductivity Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

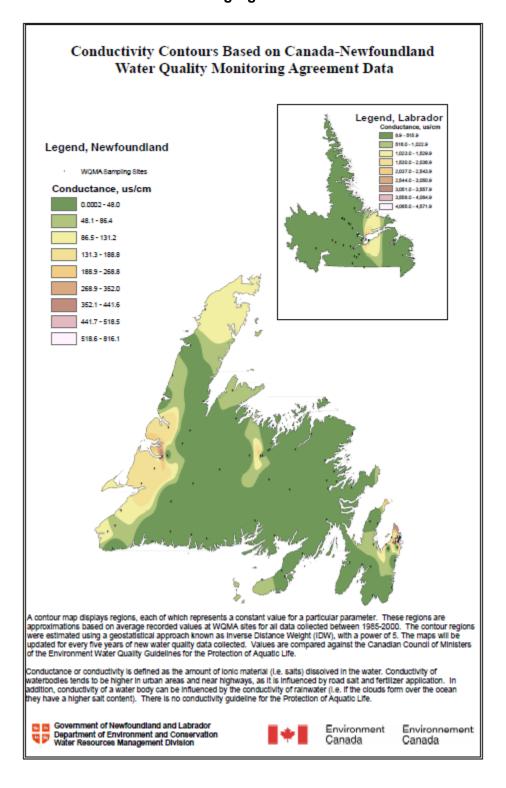


Figure 17I.4 Dissolved Oxygen Contours Based on Canada-Newfoundland Water

Quality Monitoring Agreement Data

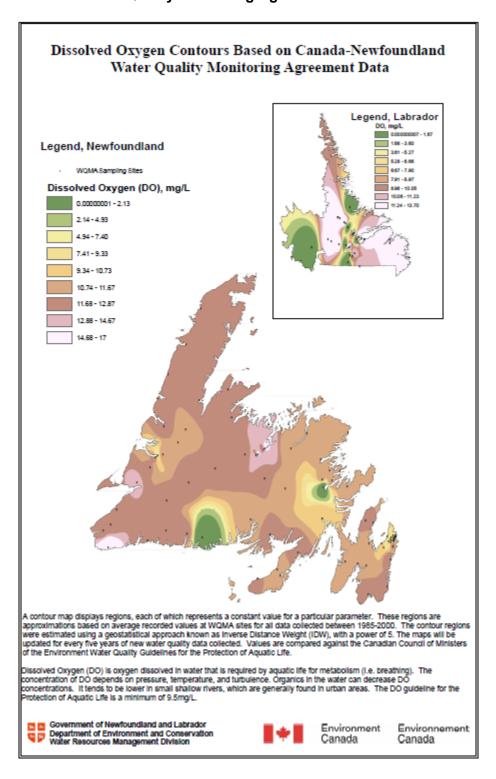


Figure 17I.5 pH Contours Based on Canada-Newfoundland Water Quality Monitoring
Agreement Data

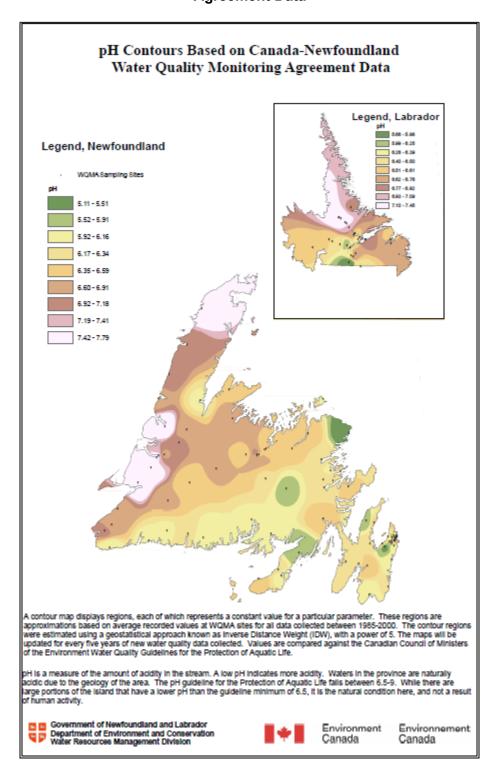


Figure 17I.6 Turbidity Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

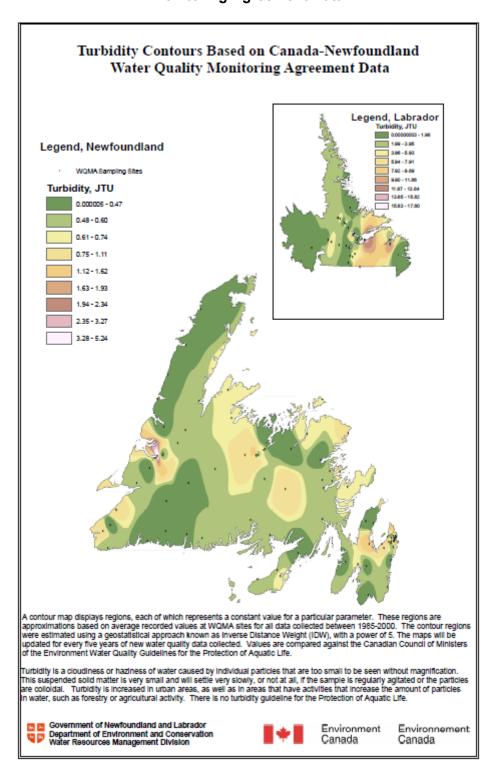


Figure 17I.7 Temperature Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

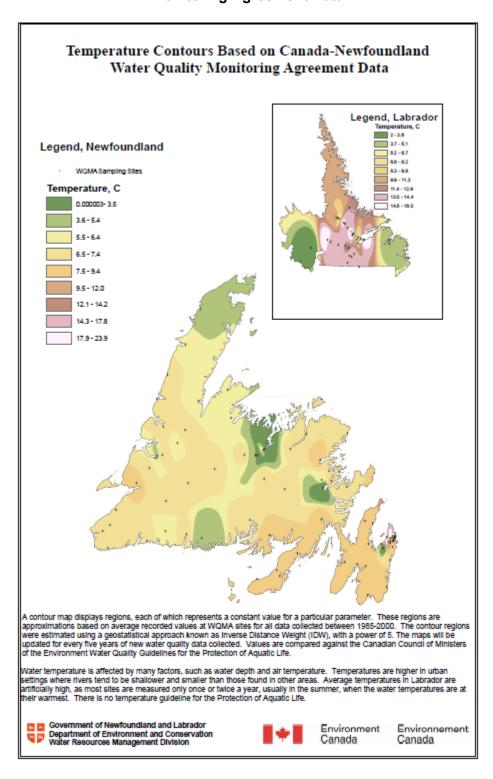


Figure 17I.8 Calcium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

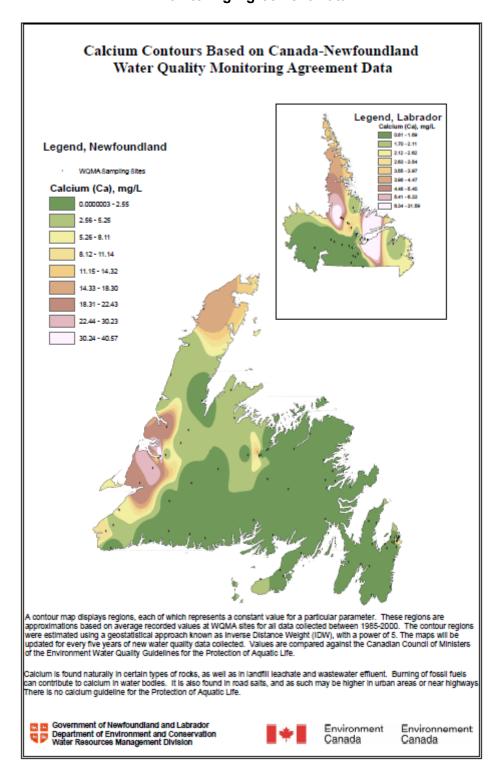


Figure 17I.9 Chloride Contours Based on Canada-Newfoundland Water Quality
Monitoring Agreement Data

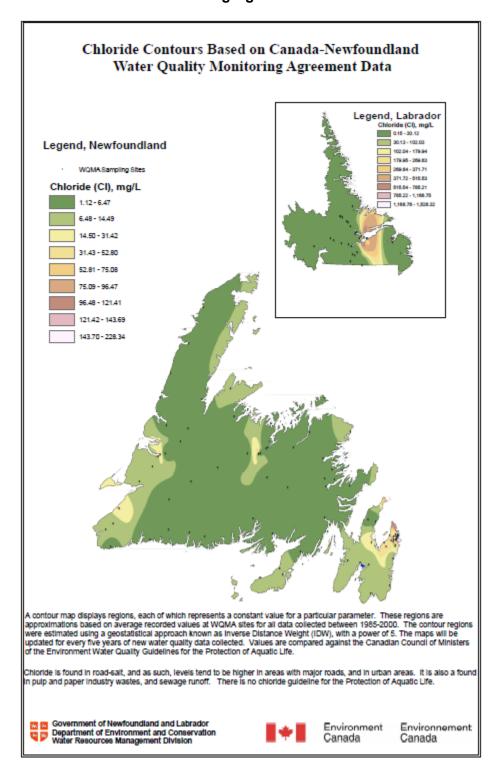


Figure 17I.10 Fluoride Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

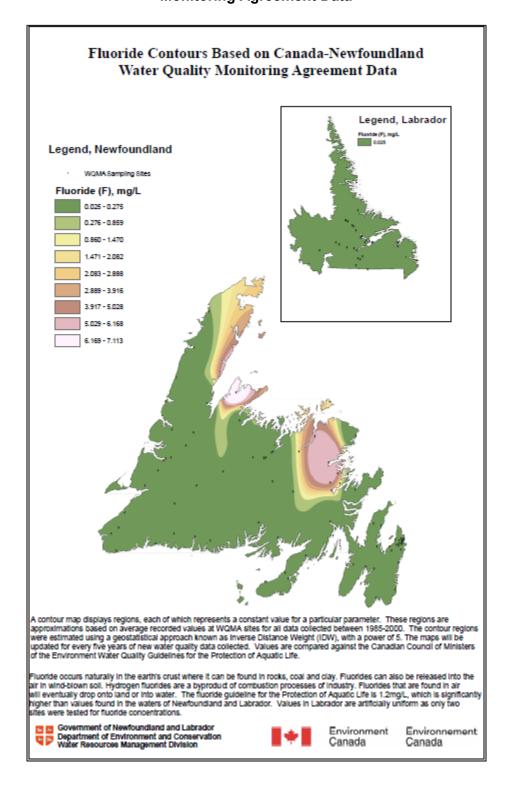


Figure 17I.11 Magnesium Contours Based on Canada-Newfoundland Water Quality
Monitoring Agreement Data

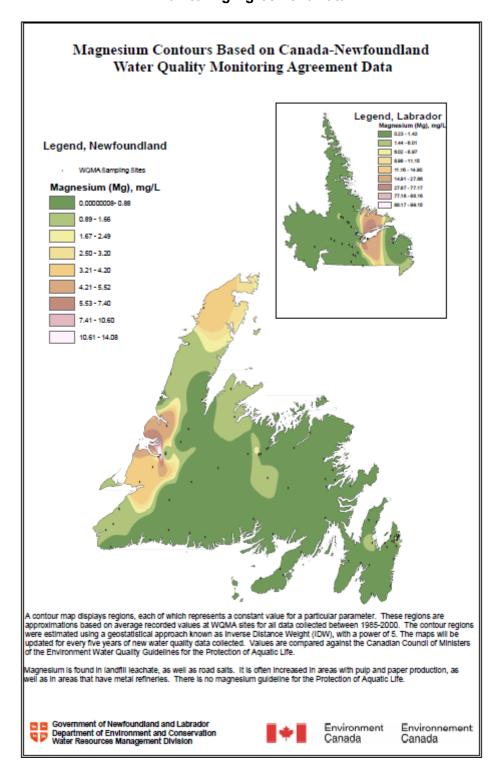


Figure 17I.12 Potassium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

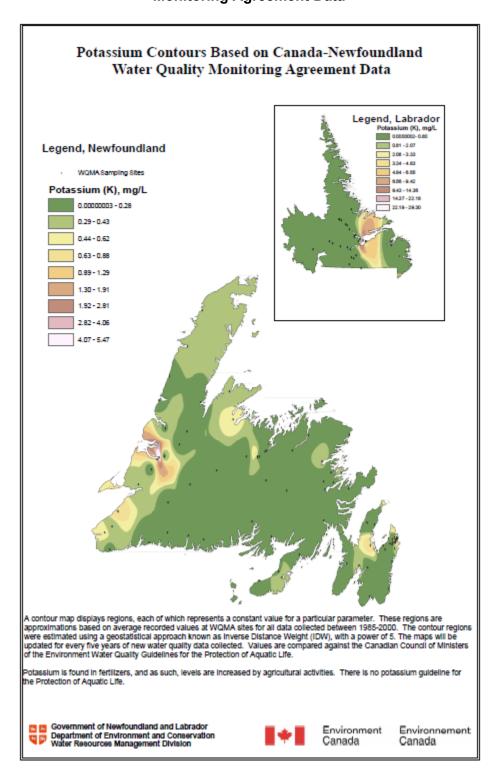


Figure 17I.13 Sodium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

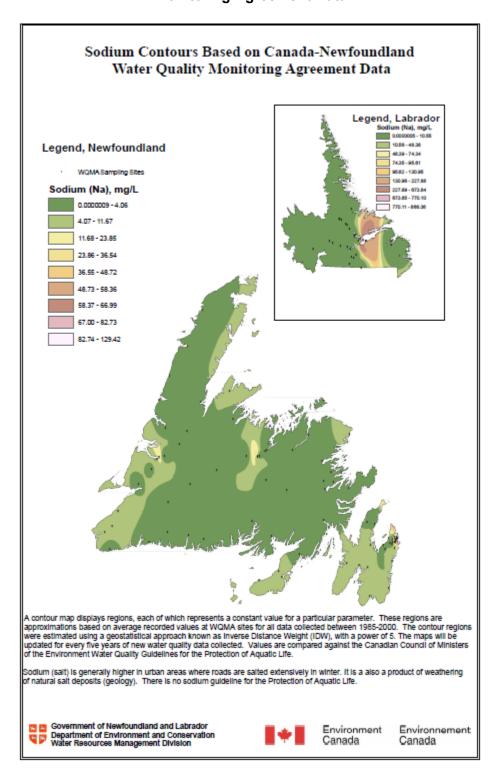


Figure 17I.14 Sulphate Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

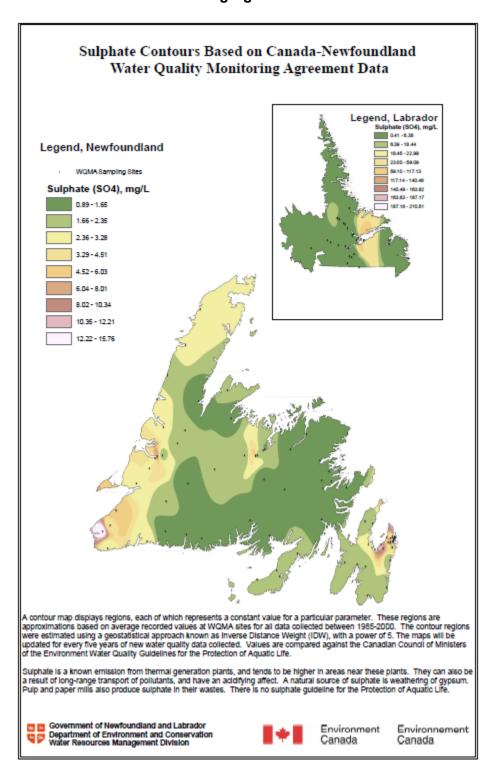


Figure 17I.15 Dissolved Organic Carbon Contours Based on Canada-Newfoundland
Water Quality Monitoring Agreement Data

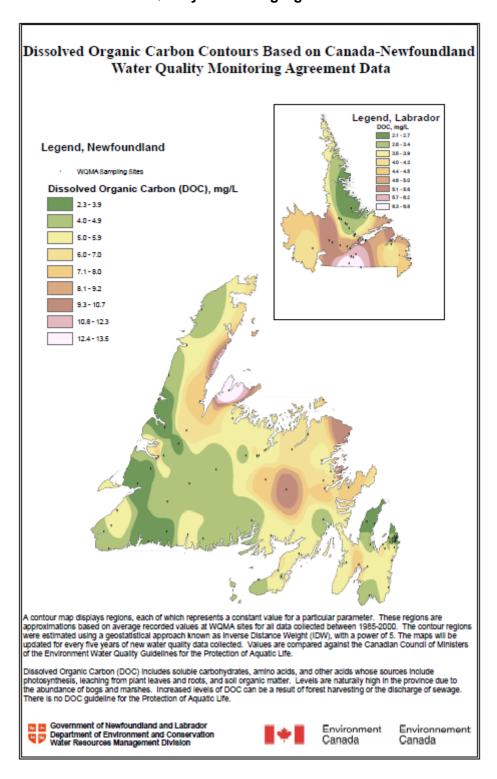


Figure 17I.16 Nitrogen Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

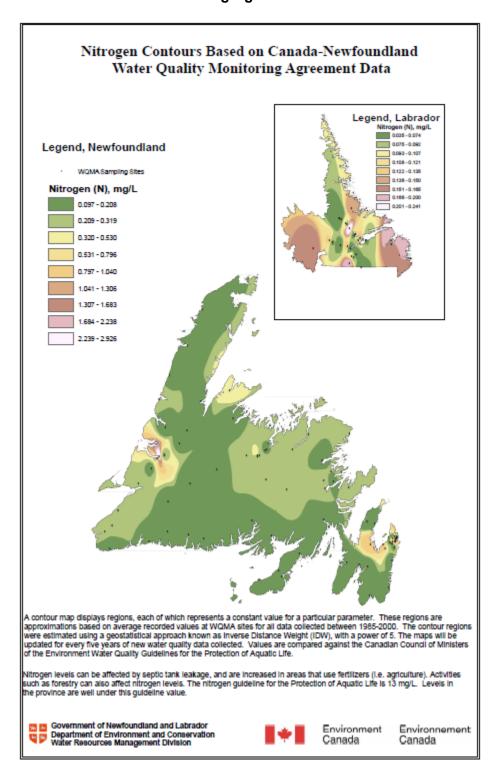


Figure 17I.17 Phosphorous Contours Based on Canada-Newfoundland Water Quality
Monitoring Agreement Data

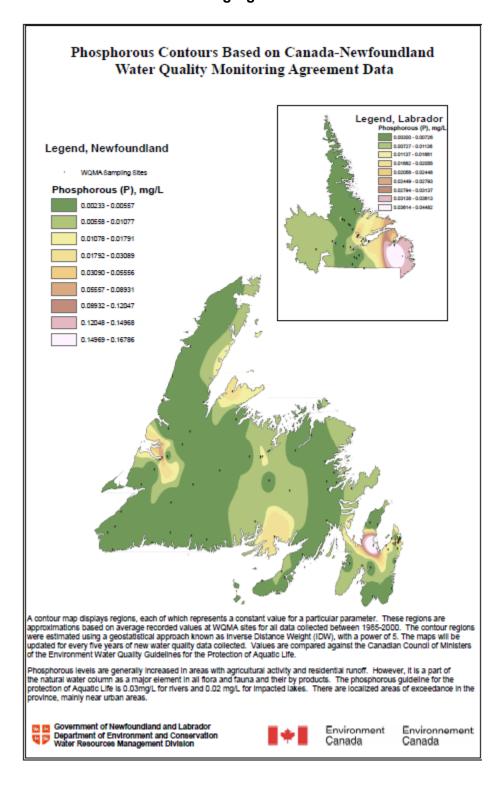


Figure 17I.18 Silica Contours Based on Canada-Newfoundland Water Quality Monitoring Agreement Data

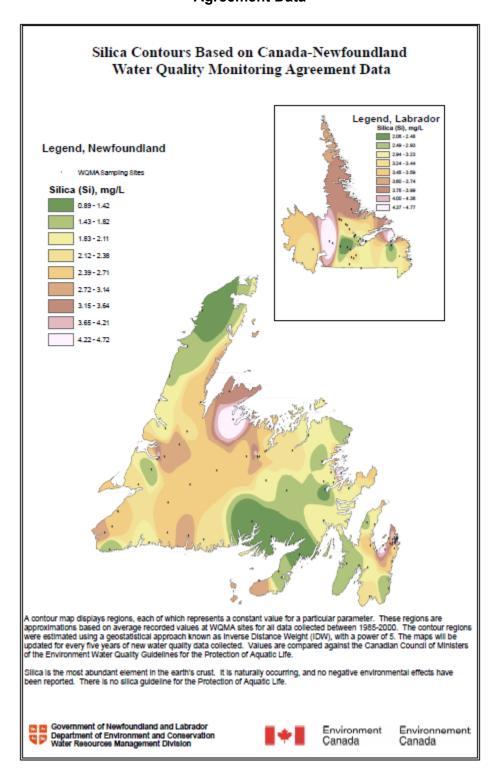


Figure 17I.19 Aluminum Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

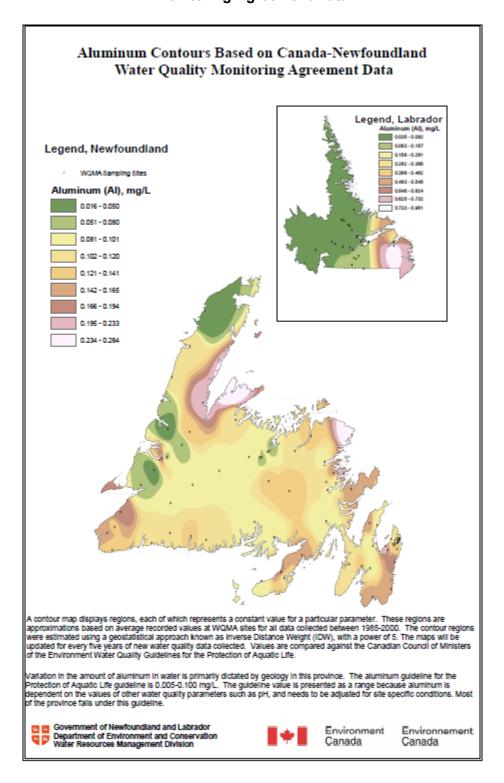


Figure 17I.20 Arsenic Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

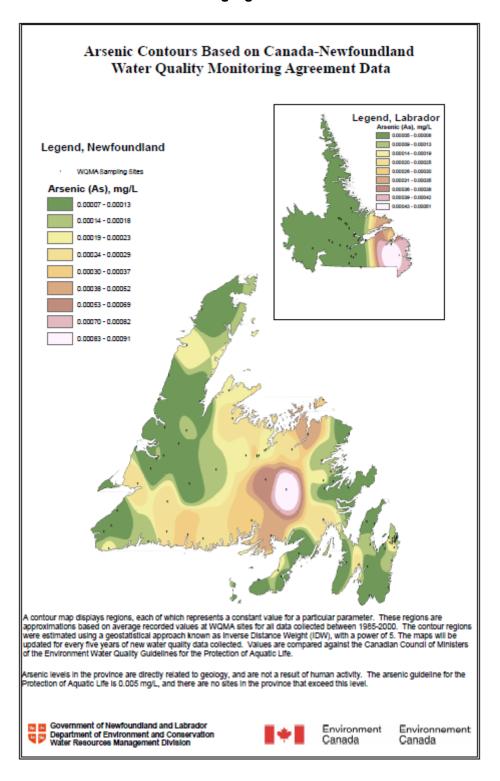


Figure 17I.21 Barium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

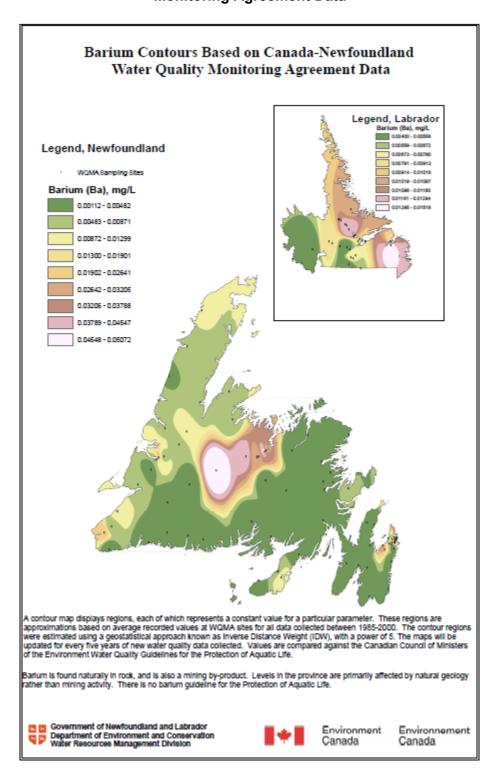


Figure 17I.22 Beryllium Contours Based on Canada-Newfoundland Water Quality
Monitoring Agreement Data

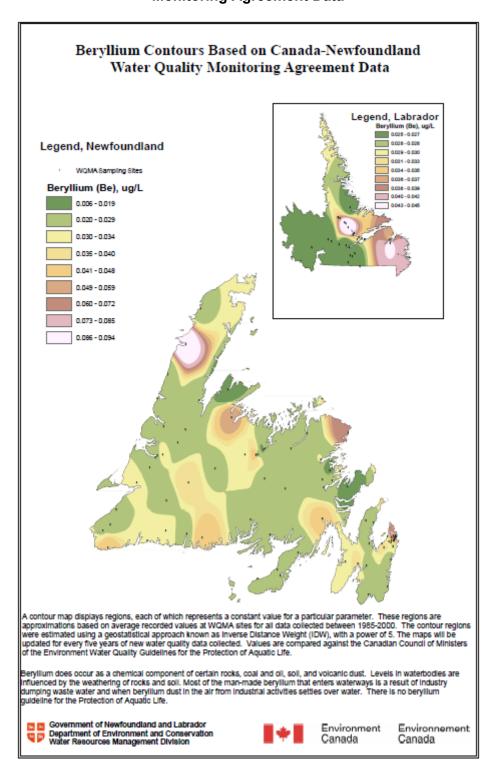


Figure 17I.23 Cadmium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

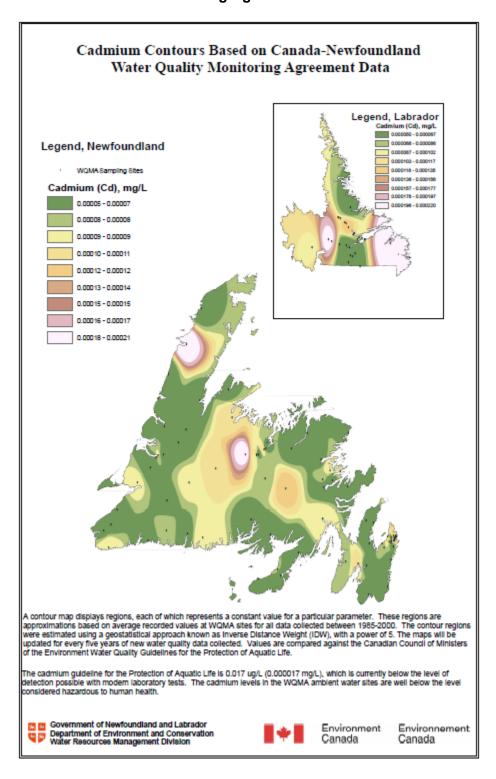


Figure 17I.24 Cobalt Contours Based on Canada-Newfoundland Water Quality Monitoring
Agreement Data

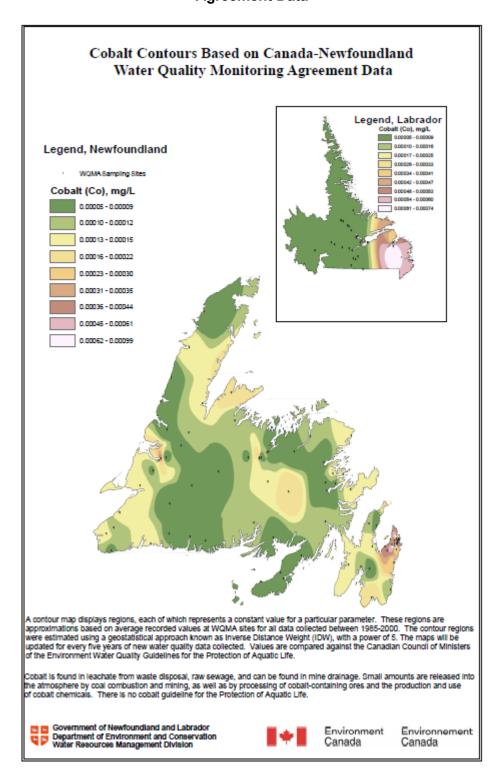


Figure 17I.25 Chromium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

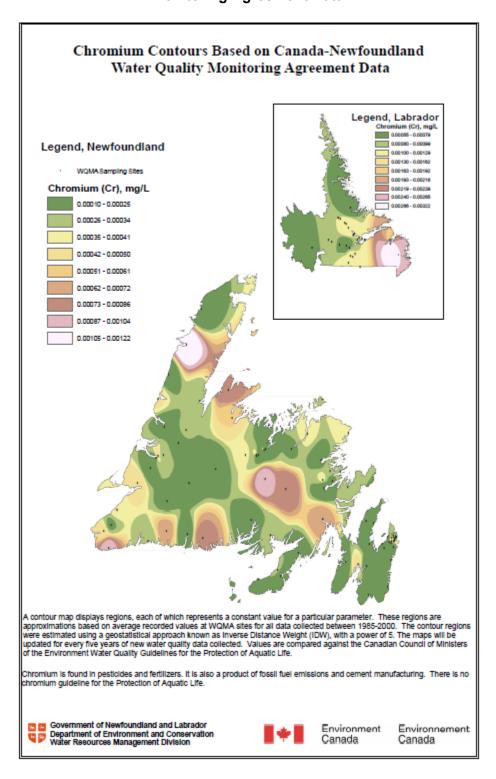


Figure 17I.26 Copper Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

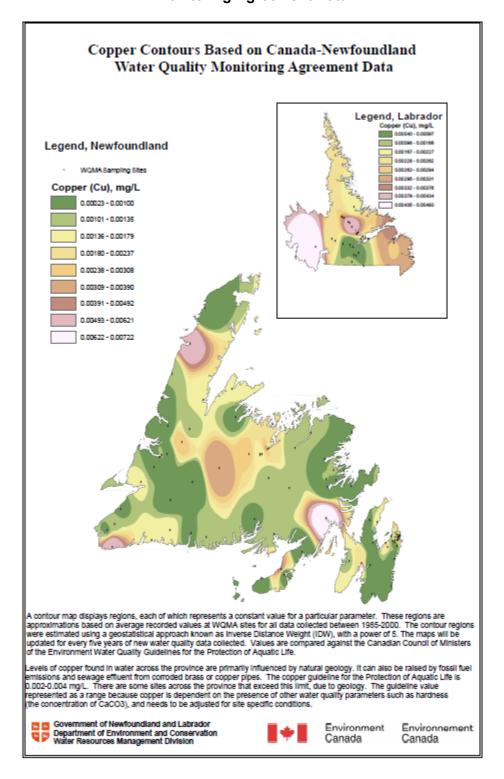


Figure 17I.27 Iron Contours Based on Canada-Newfoundland Water Quality Monitoring
Agreement Data

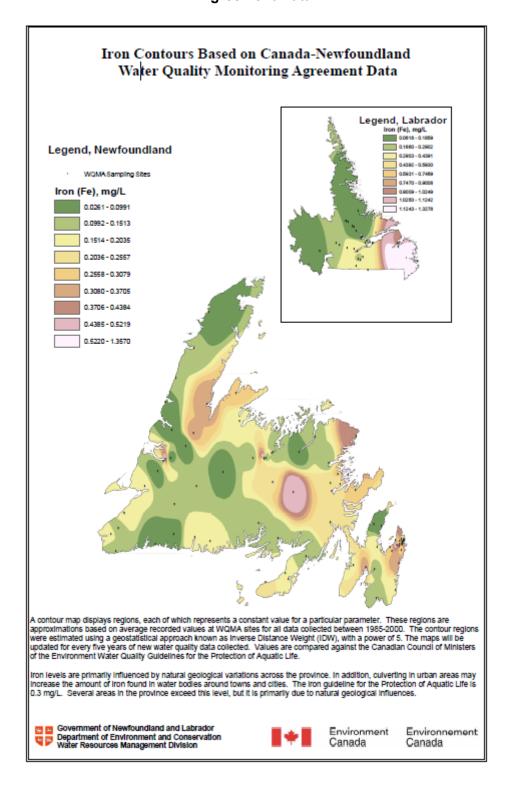


Figure 17I.28 Lead Contours Based on Canada-Newfoundland Water Quality Monitoring
Agreement Data

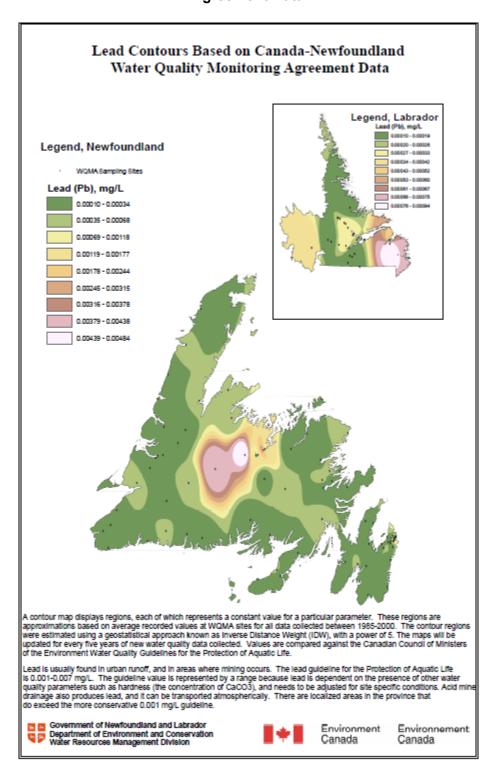


Figure 17I.29 Lithium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

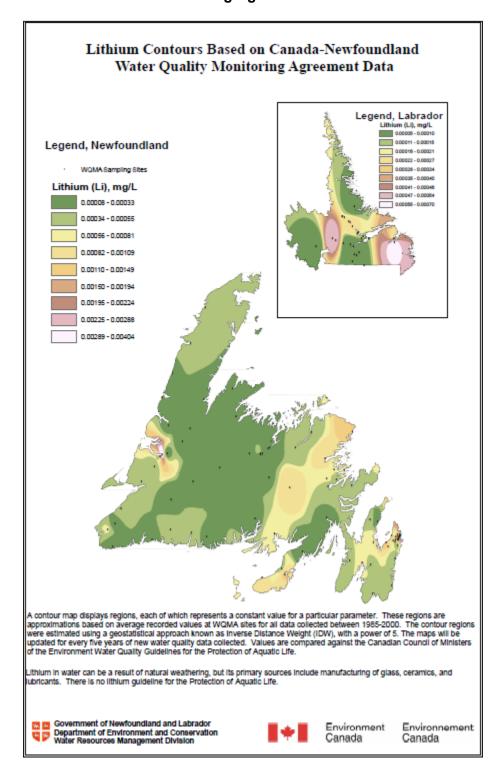


Figure 17I.30 Manganese Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

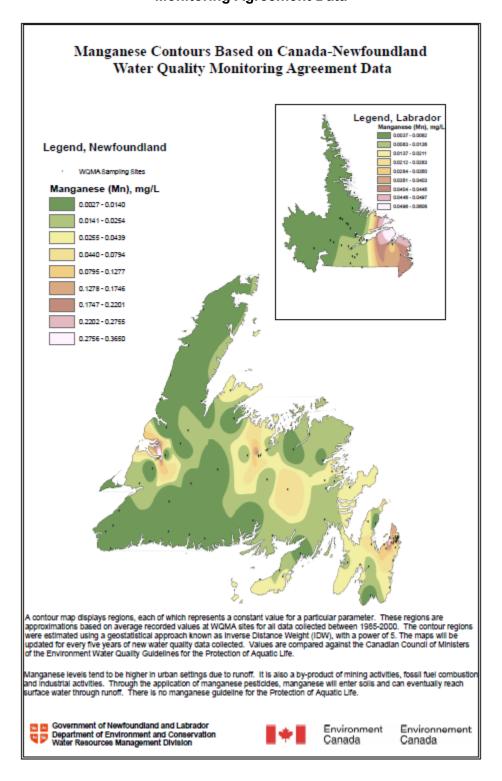


Figure 17I.31 Mercury Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

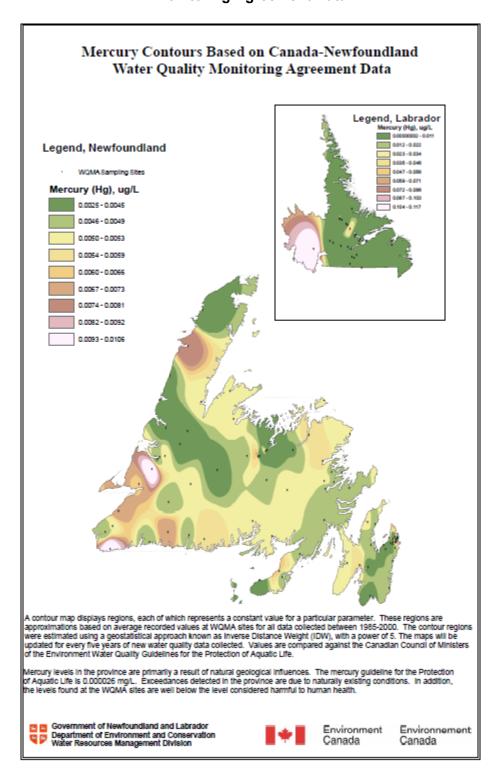


Figure 17I.32 Molybdenum Contours Based on Canada-Newfoundland Water Quality
Monitoring Agreement Data

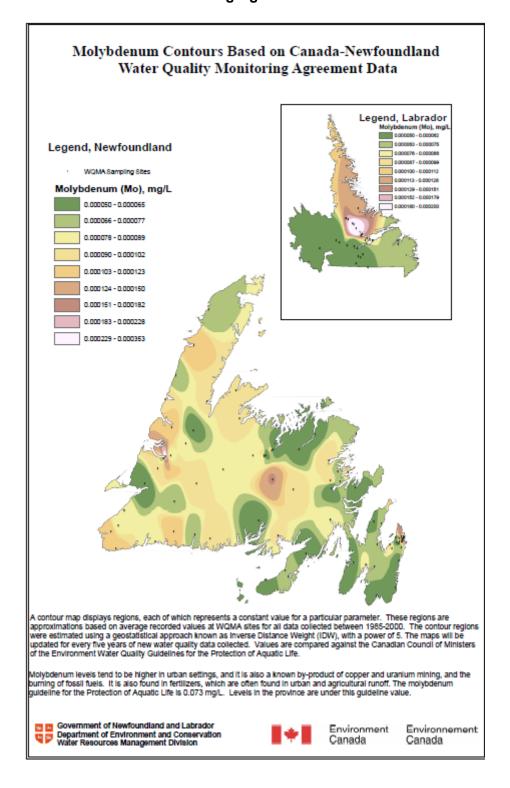


Figure 17I.33 Nickel Contours Based on Canada-Newfoundland Water Quality Monitoring Agreement Data

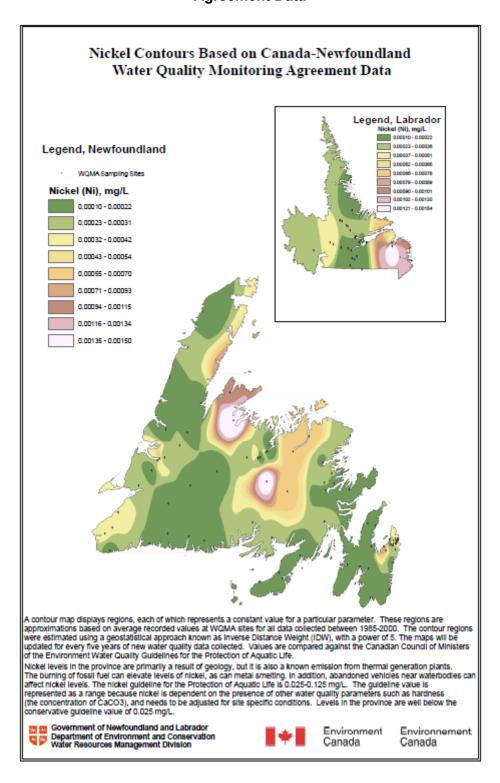


Figure 17I.34 Selenium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

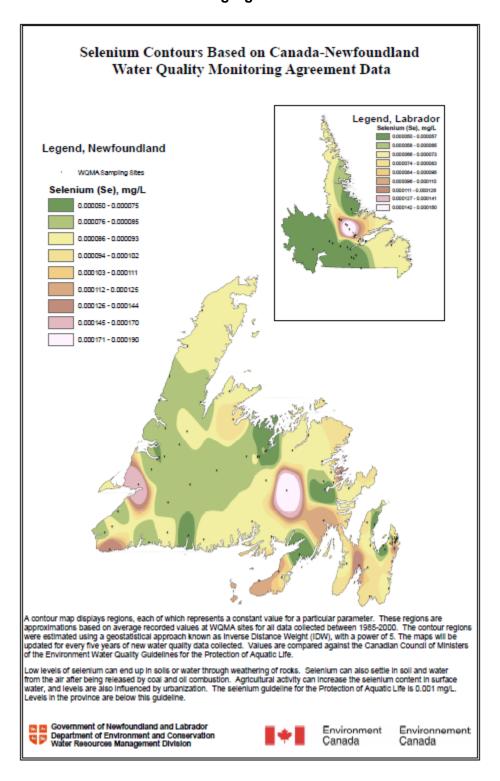


Figure 17I.35 Strontium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

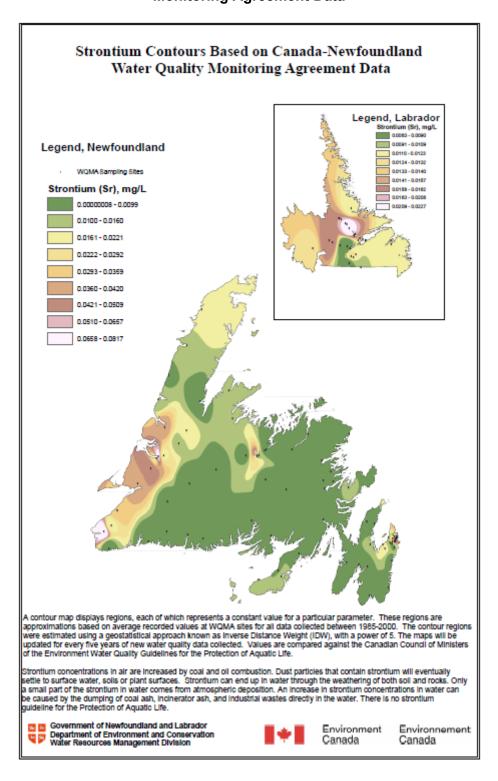


Figure 17I.36 Vanadium Contours Based on Canada-Newfoundland Water Quality

Monitoring Agreement Data

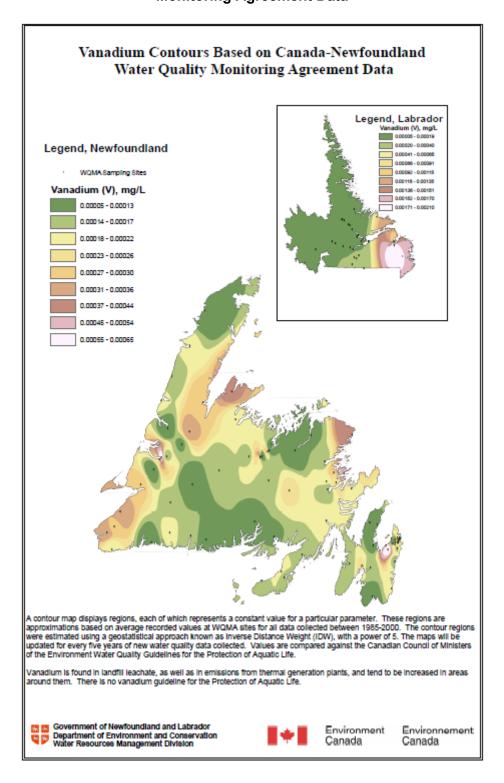


Figure 17I.37 Zinc Contours Based on Canada-Newfoundland Water Quality Monitoring
Agreement Data

