



Summary Review of Performance of Metal Mines

Subject to the *Metal Mining Effluent Regulations*
in 2007

1/MM/16 – March 2009
Mining Section
Mining and Processing Division
Public and Resources Sectors Directorate
Environmental Stewardship Branch
Environment Canada



Library and Archives Canada Cataloguing in Publication

Summary review of performance of metal mines subject to the Metal Mining Effluent Regulations in 2007.

Annual
1/MM/16

Other editions available: Évaluation sommaire de la performance des mines de métaux assujetties au Règlement sur les effluents des mines de métaux en 2007.

ISBN 978-1-100-11412-5

Cat. no.: En49-15/16E

ISSN: 1914-2021

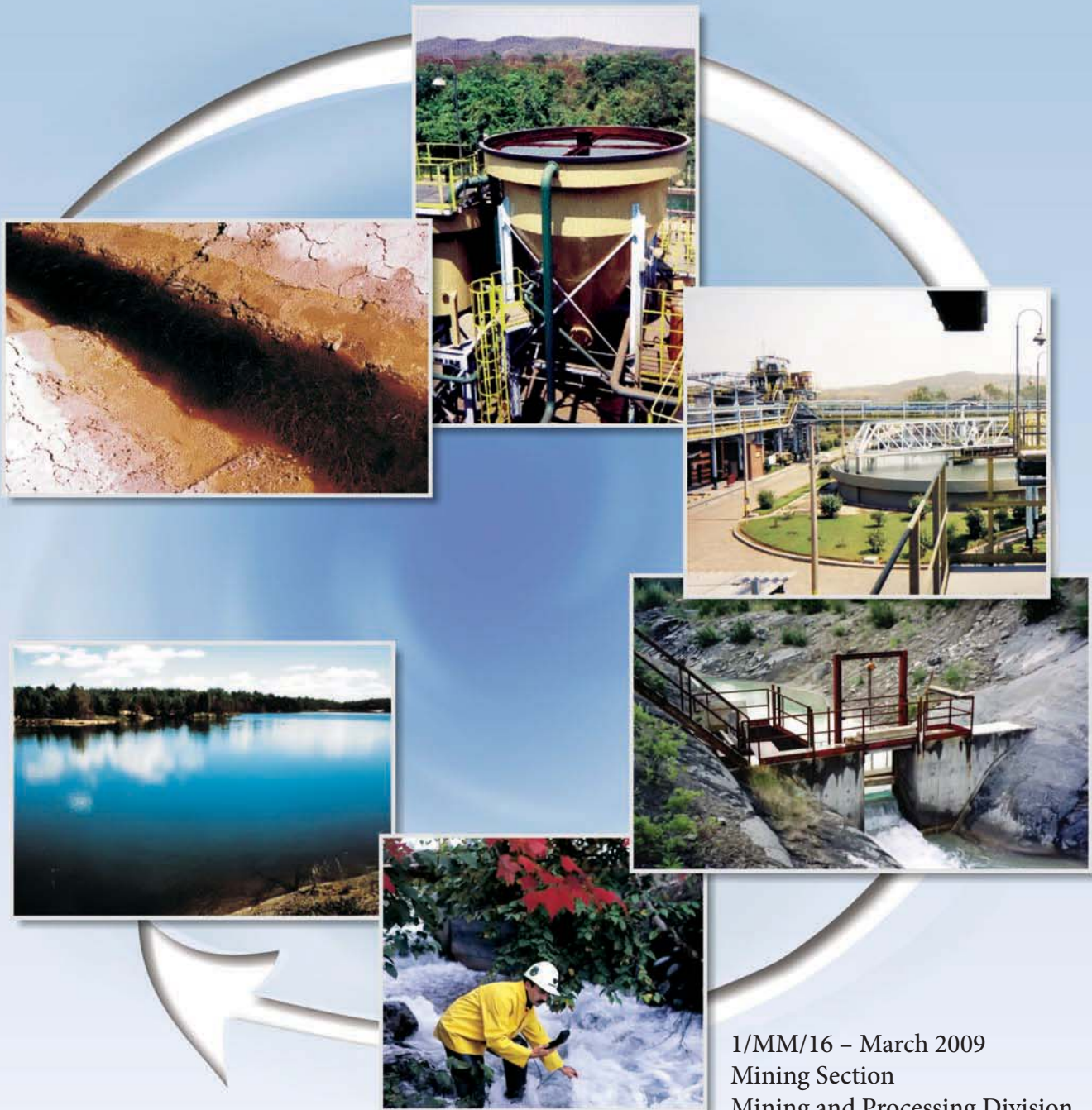
1. Mineral industries--Waste disposal--Canada--Statistics--Periodicals.
 2. Mineral industries--Environmental aspects--Canada--Statistics--Periodicals.
 3. Water--Pollution--Canada--Statistics--Periodicals.
 4. Effluent quality--Canada--Evaluation--Statistics--Periodicals.
- I. Canada. Environment Canada. Mining and Processing Division.

TD428.M47R36 363.739'463 C2007-980123-4



Summary Review of Performance of Metal Mines

Subject to the *Metal Mining Effluent Regulations*
in 2007



1/MM/16 – March 2009
Mining Section
Mining and Processing Division
Public and Resources Sectors Directorate
Environmental Stewardship Branch
Environment Canada

READERS' COMMENTS

Comments and inquiries about the content of this summary review should be addressed to:

Mining Section
Mining and Processing Division
Public and Resources Sectors Directorate
Environmental Stewardship Branch
Environment Canada
Ottawa, Ontario
Canada K1A 0H3

REVIEW NOTICE

This performance summary of metal mines subject to the *Metal Mining Effluent Regulations* (MMER) has been reviewed by officials of the Mining Section, Environment Canada, and approved for public release. Approval does not necessarily signify that the contents reflect the views and policies of Environment Canada.

The data used in this summary review were provided to Environment Canada under section 22 of the Regulations, which requires mines to submit annual reports to Environment Canada. The data were compiled by staff of the Mining Section of Environment Canada and are presented as provided by the mines from their submitted annual reports. In some cases, quarterly reports were used by Environment Canada staff to complete missing information that was not properly reported by the owners or operators of some mines.

This summary has been compiled to inform the regulated community, other stakeholders and the interested public on the performance of mines subject to the Regulations in 2007. The material has been prepared for informational purposes only. For all purposes of interpreting and applying the law, users should consult the *Metal Mining Effluent Regulations*, as registered by the Clerk of the Privy Council and published in Part II of the *Canada Gazette*.

ABSTRACT

This review summarizes the performance of Canadian metal mines with respect to selected standards prescribed by the *Metal Mining Effluent Regulations* (MMER), which were registered on June 6, 2002, and came fully into force on December 6, 2002.

This is the fifth annual summary of performance with respect to the Regulations. In addition to detailed mine effluent quality data, the report includes various tables and graphs synthesizing the compliance data based on exceedances, jurisdictions and mining subsectors. Summary tables are also provided on the same basis for both rainbow trout acute lethality and *Daphnia magna* monitoring tests. This performance review of mines is limited in that it does not include an overview of the main requirements of the Regulations. This report should be read in conjunction with the *Status Report on Water Pollution Prevention and Control under the Metal Mining Effluent Regulations in 2003*, which includes an overview of the Regulations and their application to the Canadian metal mines. The electronic format of the summary review, additional information on the Regulations and related guidance documents are available on Environment Canada's Green Lane at www.ec.gc.ca/NOPP/branch/en/prod-pub.cfm.

To request an electronic copy of this report in PDF format:

Inquiry Centre

Tel.: 819-997-2800 or 1-800-668-6767

Fax: 819-994-1412

E-mail: enviroinfo@ec.gc.ca

RÉSUMÉ

La présente évaluation sommaire porte sur la performance des mines de métaux canadiennes et repose sur certaines normes prescrites par le *Règlement sur les effluents des mines de métaux* (REMM), lequel a été enregistré le 6 juin 2002 et est entré en vigueur dans son ensemble le 6 décembre 2002.

Elle constitue la cinquième évaluation sommaire annuelle de la performance relativement au *Règlement*. Outre des données détaillées sur la qualité des effluents, le rapport comprend divers tableaux et graphiques dans lesquels les données sur la conformité sont résumées, selon les dépassements, la province ou le territoire et le sous-secteur minier. Il comprend également des tableaux sommaires dans lesquels on présente de la même manière les résultats des essais de détermination de la létalité aiguë chez la truite arc-en-ciel et des essais de suivi avec bioessais sur la *Daphnia magna*. La portée de la présente évaluation sommaire est limitée, c'est-à-dire qu'elle ne renferme aucun aperçu des principales exigences figurant dans le *Règlement*. Ce rapport doit être lu en se référant au *Rapport d'étape sur la prévention de la pollution et la dépollution de l'eau en vertu du Règlement sur les effluents des mines de métaux en 2003* puisqu'il donne un survol du *Règlement* et de son application aux mines canadiennes de métaux. La version électronique de cette évaluation sommaire, de même que de plus amples informations sur le *Règlement* et des documents d'orientation connexes sont disponibles sur le site de la Voie verte d'Environnement Canada, à l'adresse www.ec.gc.ca/NOPP/branch/FR/prod-pub.cfm.

Pour obtenir une copie électronique de ce rapport en PDF :

Informatique

Tél. : 819-997-2800 ou 1-800-668-6767

Télec. : 819-994-1412

Courriel : enviroinfo@ec.gc.ca

TABLE OF CONTENTS

Abstract	v
Summary	1
Overall Compliance Assessment for Prescribed Deleterious Substances and pH in 2007.....	2
Overall Assessment of Results of Rainbow Trout Acute Lethality and <i>Daphnia</i> <i>magna</i> Monitoring Tests in 2007.....	2
Comparison of Performance of Metal Mines in 2006 and 2007	3
References	12
List of Acronyms and Abbreviations.....	13

LIST OF APPENDICES

Appendix A: Extended Transitional Authorizations Granted Pursuant to Section 35 of the <i>Metal Mining Effluent Regulations</i>	15
Appendix B: Mining Facilities Subject to the <i>Metal Mining Effluent Regulations</i> in 2007	16
Appendix C: Mining Companies Included in the Assessment in 2007	23
Appendix D: Performance Summary of Mine Effluents in 2007	24
Appendix E: Effluent Quality Data for Mines in 2007.....	37

LIST OF TABLES

Table 1: Mining Facilities Subject to the <i>Metal Mining Effluent Regulations</i> in 2007	6
Table 2: Distribution of Facilities and Final Discharge Points by Jurisdiction in 2007	7
Table 3: Distribution of Final Discharge Points per Facility in 2007	7
Table 4: Summary of Transitional Authorizations Granted Pursuant to Section 35 of the <i>Metal Mining Effluent Regulations</i>	8
Table 5: Compliance Summary for Prescribed Deleterious Substances and pH in 2007	8
Table 6: Performance Summary for Facilities without Transitional Authorizations in 2007	8
Table 7: Performance Summary for Facilities with Transitional Authorizations in 2007.....	8
Table 8: Distribution of Exceedances by Jurisdiction in 2007: Facilities without Transitional Authorizations	9
Table 9: Distribution of Exceedances by Jurisdiction in 2007: Facilities with Transitional Authorizations	10
Table 10: Distribution of Exceedances by Mining Subsector in 2007: Facilities without Transitional Authorizations	10
Table 11: Distribution of Exceedances by Mining Subsector in 2007: Facilities with Transitional Authorizations	10
Table 12: Performance Summary: Rainbow Trout Acute Lethality and <i>Daphnia magna</i> Monitoring Tests, by Jurisdiction in 2007.....	11
Table 13: Performance Summary: Rainbow Trout Acute Lethality and <i>Daphnia magna</i> Monitoring Tests, by Mining Subsector in 2007.....	11

LIST OF FIGURES

Figure 1: Location of Mining Facilities Subject to the <i>Metal Mining Effluent Regulations</i> in 2007	7
Figure 2: Distribution of Facilities by Jurisdiction for Which Exceedances Were Reported in 2007: All Facilities	9
Figure 3: Distribution of Exceedances by Jurisdiction in 2007: All Facilities	9

SUMMARY

This review summarizes the performance of Canadian metal mines with respect to the selected standards prescribed by the *Metal Mining Effluent Regulations* (MMER), which came fully into force on December 6, 2002.

The Regulations require sampling of effluent and the submission of quarterly and annual reports of results within specified time limits. The data used in this review were provided to Environment Canada under section 22 of the Regulations, which requires mines to submit annual reports to Environment Canada. The format for these reports is specified in Schedule 6 of the Regulations. The reports include

- monthly mean concentrations for metals and total suspended solids;
- monthly pH range; and
- summary results of rainbow trout acute lethality tests and *Daphnia magna* monitoring tests.

In 2007, 94 mining facilities operating in Canada were subject to the Regulations. No metal mines were subject to the Regulations in Alberta or Prince Edward Island. Those facilities subject to the Regulations are listed in Table 1 and their locations are illustrated in Figure 1. Additional information on the facilities is provided in Appendix B.

OVERALL COMPLIANCE ASSESSMENT FOR PRESCRIBED DELETERIOUS SUBSTANCES AND pH IN 2007

- Overall, the metal mining sector is achieving over 99% compliance with the prescribed limits for arsenic, copper, zinc and pH; only a few sporadic exceedances were reported for those prescribed parameters.
- A 100% compliance rate was achieved by metal mines for cyanide, lead and radium 226.
- Two mines reported a high number of exceedances for nickel.
- Some mines appear to be challenged to routinely meet total suspended solids limits, with the overall compliance rate being 93.7%.

OVERALL ASSESSMENT OF RESULTS OF RAINBOW TROUT ACUTE LETHALITY AND *DAPHNIA MAGNA* MONITORING TESTS IN 2007

- Overall, the metal mining sector has achieved a compliance rate of 97% with respect to effluent that is non-acutely lethal to rainbow trout.
- In 92.8% of *Daphnia magna* monitoring tests, the mortality rate was less than 50%.

COMPARISON OF PERFORMANCE OF METAL MINES IN 2006 AND 2007

- In 2007, 9 additional mines were subject to the Regulations (i.e., 94 facilities in 2007 compared with 85 in 2006).
- In 2007, 171 final discharge points were subject to the Regulations, compared with 151 in 2006.
- In 2007, the total number of exceedances increased to 103 from 81 in 2006.
- Metal mines achieved a 100% compliance rate for cyanide, lead and radium 226 in 2007; the same compliance rate included copper, cyanide, lead and radium 226 in 2006.
- The number of exceedances for nickel remained high in 2007. The same two facilities reported a high number of exceedances for this metal in 2006 and 2007.
- The overall compliance rate for total suspended solids decreased from 95.4% in 2006 to 93.7% in 2007. Although most total suspended solids exceedances reported were sporadic, a limited number of facilities seemed to have chronic exceedances for at least one of their effluents in 2007.
- In 2007, the compliance rate for non-acutely lethal effluents to rainbow trout was 97%. The compliance rate was 97.7%, 97.8%, 97.1% and 95% in 2006, 2005, 2004 and 2003 respectively.
- Between 2003 and 2004, no improvement was observed in *Daphnia magna* monitoring tests. In 94.1% of the tests, the mortality rate was less than 50% for both years. In 2005, however, the percentage dropped to 92.8%. It increased to 93.5% in 2006 and dropped to 92.8% in 2007.

The data were compiled by the Mining Section of Environment Canada. Except where noted, data are generally presented as provided by the owners or operators of the mines in their submitted annual reports. Occasionally, quarterly reports were used to correct or complete missing information that had not been properly reported by the owner or operator of a mine. For these facilities, a comment was added in the appropriate summary tables presented in Appendix E to identify which missing information had not been submitted as part of the annual report.

Pursuant to sections 9 and 10 of the Regulations, 171 final discharge points were identified as being subject to the Regulations. The distribution of facilities and final discharge points per jurisdiction is shown in Table 2. The number of final discharge points per facility ranged from 1 to 10, as illustrated in Table 3. Reported data indicate that 63 final discharge points had continuous discharge, 72 had intermittent discharge and 36 did not have any discharge in 2007.

Transitional Authorizations that were granted to facilities on December 6, 2002, expired on December 6, 2004. However, pursuant to section 35, extended Transitional Authorizations for total suspended solids were granted to three facilities (reference Table 4). These extended authorizations applied to six final discharge points and were valid until June 6, 2007. However, the Regulations were amended on June 21, 2007, to re-issue these Transitional Authorizations, and they will now expire on December 6, 2008 (see Appendix A for details).

The tables presented in Appendix D summarize the effluent quality data for mines subject to the Regulations in 2007. Table D1 summarizes the distribution of the non-compliant parameters for

metals and pH, whereas Table D2 summarizes the results of rainbow trout acute lethality tests and *Daphnia magna* monitoring tests. Data for each individual final discharge point for mines subject to the Regulations in 2007 are listed in Appendix E.

Overall, the metal mining sector achieved over 99% compliance with the prescribed limits for metals, cyanide and pH. The compliance rate for nickel was close to the 99% mark, i.e., 98.5%. Only a few sporadic exceedances were reported for arsenic, copper and zinc. Metal mines achieved 100% compliance for prescribed limits for cyanide, lead and radium 226. Some mines were challenged to routinely meet total suspended solids limits and the overall compliance rate was 93.7% (Table 5).

With respect to rainbow trout acute lethality tests, the metal mining sector has achieved a non-acutely lethal effluent compliance rate of 97%. In 92.7% of *Daphnia magna* monitoring tests, the mortality rate was less than 50%. The Regulations do not require effluents from metal mines to be non-acutely lethal to *Daphnia magna*. The addition of this species to the definition of acutely lethal effluent will be considered once sufficient data are available.

In 2007, 103 exceedances of the prescribed limits for metals and pH were reported (Tables 6 and 7). Total suspended solids exceedances accounted for 71.6%, metals for 20.6% and pH for 7.8%. Sixty-seven facilities complied with the maximum authorized monthly mean concentrations and pH at all times. Twenty-seven facilities reported at least one exceedance in 2007. Two facilities for which Transitional Authorizations were granted exceeded their Transitional Authorization limits once. Figure 2 shows the distribution, by jurisdiction, of all the facilities subject to the Regulations in 2007, as well as the number of facilities for which exceedances were reported. The distribution of exceedances by jurisdiction is shown in Figure 3.

The distribution of exceedances that were reported in 2007 per jurisdiction is as follows:

- 36.9% occurred from facilities located in Newfoundland and Labrador;
- 26.2% occurred from facilities located in Quebec;
- 16.5% occurred from facilities located in Ontario;
- 9.7% occurred from facilities located in British Columbia;
- 2.9% occurred from facilities located in Manitoba;
- 2.9% occurred from facilities located in Northwest Territories;
- 2.9% occurred in Saskatchewan; and
- 2.0% occurred in Nova Scotia.

No exceedance was reported from mines located in Yukon, Nunavut or New Brunswick (Tables 8 and 9).

The distribution of exceedances by mining subsector is presented in Tables 10 and 11. The iron ore subsector accounted for 35.9% of all exceedances, the base metals subsector for 43.7% and the precious metals subsector for 20.4%. No exceedances were reported from the uranium subsector.

In 2007, 23 tests from 11 facilities were reported to be acutely lethal to rainbow trout (Table 12). Of those, 43.5% were from facilities located in Ontario, 26.1% in Saskatchewan, 21.8% in Newfoundland and Labrador, 4.3% in Quebec and 4.3% in British Columbia. None of the effluent tested in Yukon, Manitoba, Northwest Territories, Nunavut, New Brunswick or Nova Scotia was

acutely lethal to rainbow trout. On a sectoral basis, 60.9% were from the base metals subsector, 30.4% from the precious metals subsector and 8.7% from the iron ore subsector. The uranium subsector had no rainbow trout acute lethality test failures (Table 13).

In 2007, 55 tests from 19 facilities had a *Daphnia magna* mortality rate greater than 50% (Table 12). Manitoba had the highest percentage (28%) of tests in which *Daphnia magna* mortality was greater than 50%, followed by Newfoundland and Labrador (26%), Quebec (15%), Ontario (7%), British Columbia (5%), Northwest Territories (5%), New Brunswick (5%), Nova Scotia (5%) and Saskatchewan (4%); Yukon and Nunavut had no *Daphnia magna* mortality rate greater than 50%. On a sectoral basis, 84% were from the base metals subsector, 9% from the precious metals subsector, 5% from the iron ore subsector and 2% from the uranium subsector (Table 13).

These Regulations are enforced by Environment Canada in accordance with the provisions of the Compliance and Enforcement Policy for the Habitat Protection and Pollution Prevention Provisions of the *Fisheries Act*. Enforcement personnel administer the provisions and accompanying regulations with an emphasis on preventing harm to fish, fish habitat or human use of fish caused by physical alteration or pollution of waters frequented by fish.

In verifying compliance with these Regulations, inspectors abide by the Enforcement and Compliance Policy, which sets out a range of possible responses to offenses, including warnings, inspector's directions, ticketing, ministerial orders, injunctions, prosecution and civil suits by the Crown for the recovery of costs. If an inspector confirms that an infraction has been committed, the inspector will select the appropriate response based on the following criteria: nature of the offense; effectiveness in achieving the desired result with the offender; and consistency.

Table 1: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007

Facility	Jurisdiction
1 Myra Falls Operations	British Columbia
2 Endako Mines	British Columbia
3 Huckleberry Mine	British Columbia
4 Eskay Creek Mine	British Columbia
5 Kemess South Mine	British Columbia
6 MAX Molybdenum Mine and Mill	British Columbia
7 Minto Project	Yukon Territory
8 Key Lake Operation	Saskatchewan
9 McArthur River Operation	Saskatchewan
10 Cigar Lake Project	Saskatchewan
11 McClean Lake Operation	Saskatchewan
12 Rabbit Lake Operation	Saskatchewan
13 Seabee Mine	Saskatchewan
14 Santoy 7 Mine	Saskatchewan
15 Konuto Lake Mine	Saskatchewan
16 Flin Flon Complex	Manitoba
17 Trout Lake Mine	Manitoba
18 Chisel North Mine	Manitoba
19 Snow Lake Mill	Manitoba
20 Birchtree Mine	Manitoba
21 Thompson Complex	Manitoba
22 New Britannia Mine	Manitoba
23 Tanco Mine	Manitoba
24 Rice Lake Gold Mine	Manitoba
25 Cantung Mine	Northwest Territories
26 Con Mine	Northwest Territories
27 Giant Mine	Northwest Territories
28 Lupin Operations	Nunavut
29 Nanisivik Mine	Nunavut
30 Red Lake Mine	Ontario
31 Campbell Mine	Ontario
32 Musselwhite Mine	Ontario
33 Lac des Iles Mine	Ontario
34 Golden Giant Mine	Ontario
35 Williams Mine	Ontario
36 Eagle River Mine	Ontario
37 Eagle River Mill	Ontario
38 Island Gold Project	Ontario
39 Porcupine Joint Venture / Porcupine Gold Mines	Ontario
40 Holloway Mine	Ontario
41 Clavos Mine	Ontario
42 Hislop Mine	Ontario
43 Stock Mine and Mill Complex	Ontario
44 Redstone Mine	Ontario
45 Kidd Mining Division	Ontario
46 Kidd Metallurgical Division	Ontario
47 Montcalm Project	Ontario
48 Macassa Mine	Ontario

Facility	Jurisdiction
49 McAlpine Mill	Ontario
50 Lockerby Mine	Ontario
51 Strathcona Tailings Treatment System	Ontario
52 Copper Cliff Complex	Ontario
53 Crean Hill Mine	Ontario
54 Garson Mine	Ontario
55 Totten Mine	Ontario
56 Podolsky Mine	Ontario
57 Haley Plant	Ontario
58 Langlois (Mine)	Quebec
59 Matagami (Mine) / Xstrata Zinc Canada Division	Quebec
60 Casa Berardi (Mine)	Quebec
61 Géant Dormant (Mine)	Quebec
62 Bouchard-Hébert (Mine)	Quebec
63 Louvicourt (Mine)	Quebec
64 Laronde (Mine)	Quebec
65 Lapa (Project)	Quebec
66 Mouska (Mine)	Quebec
67 Doyon	Quebec
68 Kiena (Mine)	Quebec
69 Malartic (Mill)	Quebec
70 East Amphi (Project)	Quebec
71 Sigma	Quebec
72 Goldex (Mine)	Quebec
73 Beaufor	Quebec
74 Camflo (Mill)	Quebec
75 Croinor (Mine)	Quebec
76 Fabie (Mine)	Quebec
77 Horne (Smelter)	Quebec
78 Principale (Camchib)	Quebec
79 Joe Mann	Quebec
80 Copper Rand (Mine)	Quebec
81 Troilus	Quebec
82 Raglan (Mine)	Quebec
83 Niobec (Mine)	Quebec
84 Tio (Mine)	Quebec
85 Mont-Wright (Mine)	Quebec
86 Wabush (Scully Mine)	Newfoundland and Labrador
87 Iron Ore Company of Canada – Carol Project	Newfoundland and Labrador
88 Nugget Pond Mine	Newfoundland and Labrador
89 Duck Pond Mine	Newfoundland and Labrador
90 Voisey's Bay Mine – Mill	Newfoundland and Labrador
91 Brunswick No. 12	New Brunswick
92 Caribou Mine and Mill	New Brunswick
93 Restigouche Mine	New Brunswick
94 Scozinc Mine	Nova Scotia

Note: Numbers in the first column refer to the numbers in Figure 1.

Figure 1: Location of Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007

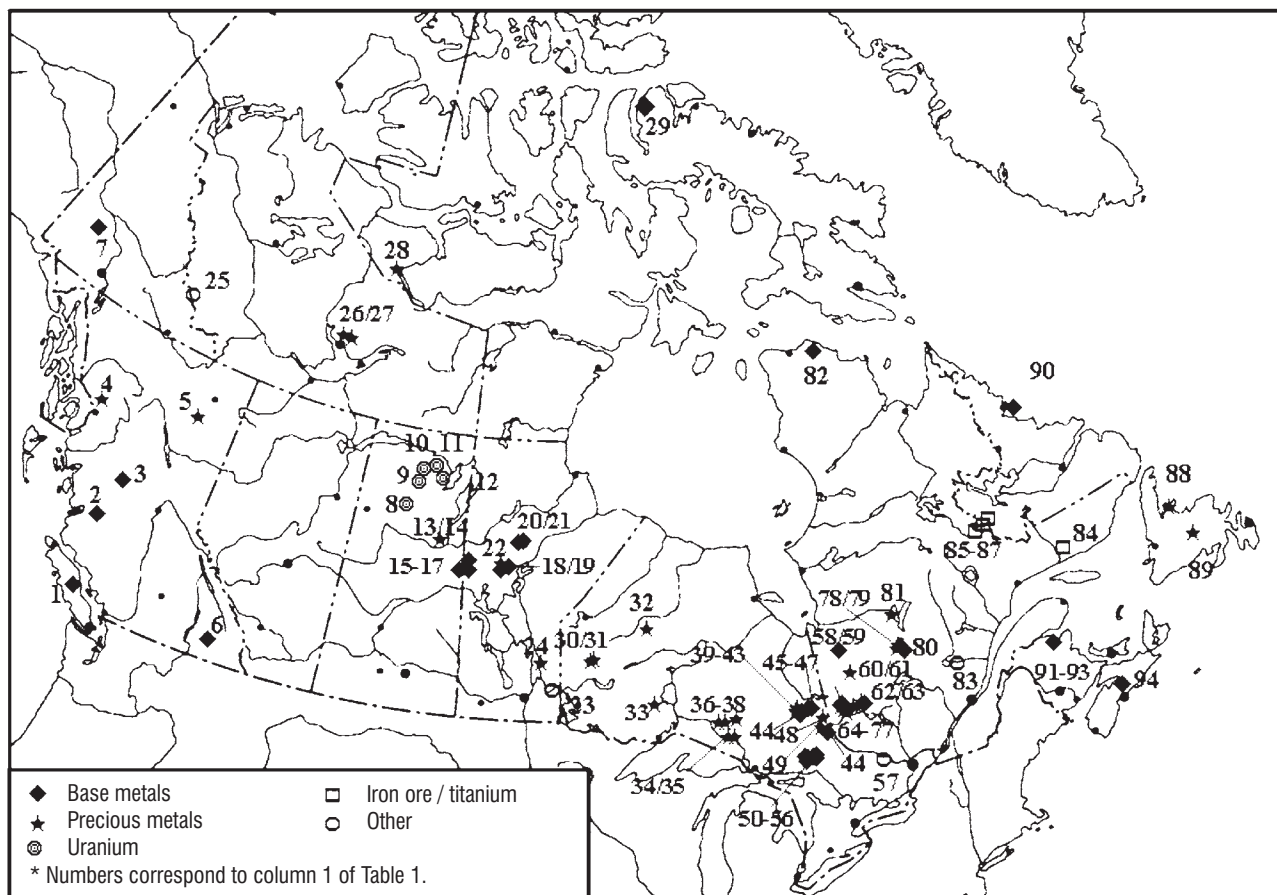


Table 2: Distribution of Facilities and Final Discharge Points by Jurisdiction in 2007

Jurisdiction	Number of Facilities	Number of Final Discharge Points
British Columbia	6	18
Yukon	1	1
Saskatchewan	8	15
Manitoba	9	11
Northwest Territories	3	5
Nunavut	2	2
Ontario	28	45
Quebec	28	45
New Brunswick	3	3
Newfoundland and Labrador	5	25
Nova Scotia	1	1
Total	94	171

Table 3: Distribution of Final Discharge Points per Facility in 2007

Number of Final Discharge Points	Number of Facilities
1	63
2	12
3	9
4	3
5	2
6	3
7	1
10	1

Table 4: Summary of Transitional Authorizations Granted Pursuant to Section 35 of the *Metal Mining Effluent Regulations*

Substance / Parameter	From December 7, 2004, to December 6, 2008	
	Number of Facilities	Number of Final Discharge Points
Total suspended solids only	3	6

Table 5: Compliance Summary for Prescribed Deleterious Substances and pH in 2007

	As	Cu	CN	Pb	Ni	Zn	TSS	Ra-226	pH Low	pH High
Number of exceedances	2	1	0	0	16	2	73	0	4	4
Total number of months for which results were reported	1026	1066	332	1028	1041	1059	1171	706	1171	1171
Compliance rate (%)	99.8	99.9	100	100	98.5	99.8	93.7	100	99.6	99.7

Table 6: Performance Summary for Facilities without Transitional Authorizations in 2007

Exceedances of Limits Prescribed in Schedule 4		
Substance / Parameter	Number of Exceedances	Number of Facilities
Arsenic	2	2
Copper	1	1
Cyanide	–	–
Lead	–	–
Nickel	16	3
Zinc	2	2
TSS	68	19
Radium 226	–	–
pH	9	5
Total	98	32

Table 7: Performance Summary for Facilities with Transitional Authorizations in 2007

Exceedances of Limits Prescribed in the Transitional Authorizations		
Substance / Parameter	Number of Exceedances	Number of Facilities
Arsenic	–	–
Copper	–	–
Cyanide	–	–
Lead	–	–
Nickel	–	–
Zinc	–	–
TSS	5	2
Radium 226	–	–
pH	–	–
Total	5	2

Figure 2: Distribution of Facilities by Jurisdiction for Which Exceedances Were Reported in 2007: All Facilities

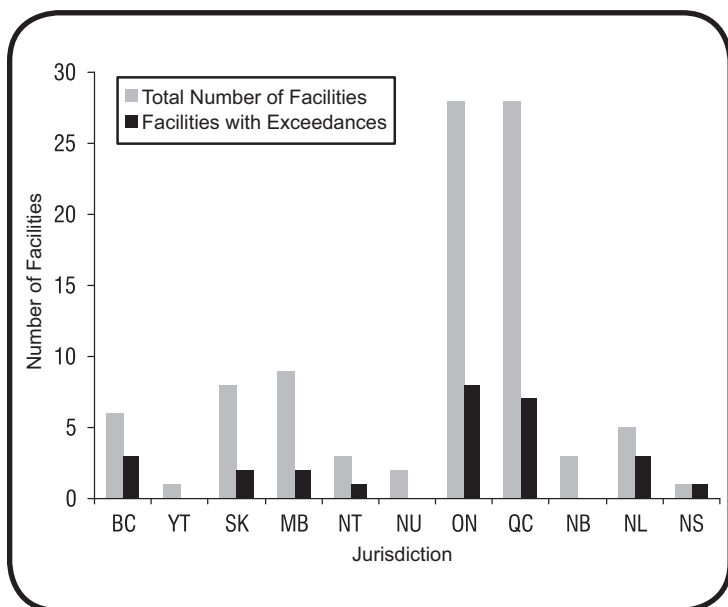


Figure 3: Distribution of Exceedances by Jurisdiction in 2007: All Facilities

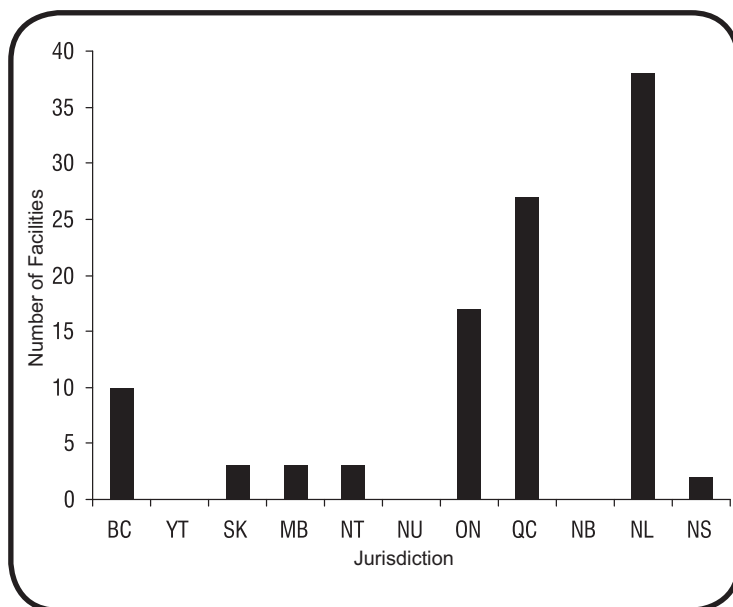


Table 8: Distribution of Exceedances by Jurisdiction in 2007: Facilities without Transitional Authorizations

Jurisdiction	As	Cu	Ni	Zn	TSS	pH	Total	Number of Facilities
British Columbia	–	–	–	1	8	1	10	3
Yukon	–	–	–	–	–	–	–	–
Saskatchewan	–	–	–	–	3	–	3	2
Manitoba	–	–	–	–	–	3	3	2
Northwest Territories	–	–	–	–	3	–	3	1
Nunavut	–	–	–	–	–	–	–	–
Ontario	1	–	3	–	11	2	17	8
Quebec	1	–	13	–	13	–	27	7
New Brunswick	–	–	–	–	–	–	–	–
Newfoundland and Labrador	–	–	–	–	30	3	33	3
Nova Scotia	–	1	–	1	–	–	2	1
Total	2	1	16	2	68	9	98	27

Table 9: Distribution of Exceedances by Jurisdiction in 2007: Facilities with Transitional Authorizations

Jurisdiction	TSS	Number of Facilities
British Columbia	–	–
Yukon	–	–
Saskatchewan	–	–
Manitoba	–	–
Northwest Territories	–	–
Nunavut	–	–
Ontario	–	–
Quebec	–	–
New Brunswick	–	–
Newfoundland and Labrador	5	2
Nova Scotia	–	–
Total	5	2

Table 10: Distribution of Exceedances by Mining Subsector in 2007: Facilities without Transitional Authorizations

Subsector	As	Cu	Ni	Zn	TSS	pH	Total	Number of Facilities
Base metals	–	1	16	2	21	5	45	14
Precious metals	2	–	–	–	18	1	21	11
Uranium	–	–	–	–	–	–	–	–
Iron	–	–	–	–	29	3	32	2
Total	2	1	16	2	68	9	98	27

Table 11: Distribution of Exceedances by Mining Subsector in 2007: Facilities with Transitional Authorizations

Subsector	TSS	Number of Facilities
Base metals	–	–
Precious metals	–	–
Uranium	–	–
Iron	5	2
Total	5	2

Table 12: Performance Summary: Rainbow Trout Acute Lethality and *Daphnia magna* Monitoring Tests, by Jurisdiction in 2007

Jurisdiction	Rainbow Trout Acute Lethality Tests			<i>Daphnia magna</i> Monitoring Tests		
	Total Number of Tests	>50% Mortality		Total Number of Tests	>50% Mortality	
		Number of Tests	Number of Facilities		Number of Tests	Number of Facilities
British Columbia	85	1	1	84	3	2
Yukon	11	–	–	11	–	–
Saskatchewan	45	6	2	45	2	2
Manitoba	62	–	–	62	15	3
Northwest Territories	31	–	–	29	3	1
Nunavut	–	–	–	–	–	–
Ontario	230	10	4	230	4	3
Quebec	189	1	1	189	8	4
New Brunswick	16	–	–	16	3	1
Newfoundland and Labrador	90	5	3	90	14	2
Nova Scotia	4	–	–	4	3	1
Total	763	23	11	760	55	19

Table 13: Performance Summary: Rainbow Trout Acute Lethality and *Daphnia magna* Monitoring Tests, by Mining Subsector in 2007

Subsector	Rainbow Trout Acute Lethality Tests			<i>Daphnia magna</i> Monitoring Tests		
	Total Number of Tests	>50% Mortality		Total Number of Tests	>50% Mortality	
		Number of Tests	Number of Facilities		Number of Tests	Number of Facilities
Base metals	407	14	7	404	46	14
Precious metals	261	7	3	261	5	3
Uranium	32	–	–	32	1	1
Iron	63	2	1	63	3	1
Total	763	23	11	760	55	19

REFERENCES

Department of Fisheries and Oceans. 2002. *Metal Mining Effluent Regulations*. *Canada Gazette*, Part II. June 19, 2002. Queen's Printer for Canada.

Environment Canada. 2000. *Biological Test Method: Reference Method for Determining Acute Lethality of Effluents to Rainbow Trout*. Environmental Protection Series. 2nd ed., December 2000. Method Development and Applications Section, Environmental Technology Centre, Environment Canada, EPS 1/RM/13.

Environment Canada. 2000. *Biological Test Method: Reference Method for Determining Acute Lethality of Effluents to Daphnia magna*. Environmental Protection Series. 2nd ed., December 2000. Method Development and Applications Section, Environmental Technology Centre, Environment Canada, EPS 1/RM/14.

Environment Canada. 2001. *Guidance Document for the Sampling and Analysis of Metal Mining Effluents*. Minerals and Metals Division, Environmental Protection Service, Environment Canada, EPS 2/MM/5. April 2001.

Environment Canada. 2001. *Guidance Document for Flow Measurement of Metal Mining Effluents*. Minerals and Metals Division, Environmental Protection Service, Environment Canada, EPS 2/MM/4. April 2001.

Environment Canada. 2006. *Status Report on Water Pollution Prevention and Control under the Metal Mining Effluent Regulations in 2003*. Natural Resources Division, Environmental Stewardship Branch, EPS 1/MM/12. November 2006.

Environment Canada. 2008. *Summary Review of Performance of Metal Mines Subject to the Metal Mining Effluent Regulations in 2006*. Mining and Processing Division, Environmental Stewardship Branch, 1/MM/15. February 2008.

LIST OF ACRONYMS AND ABBREVIATIONS

As	arsenic
BC	British Columbia
Bq/L	becquerel(s) per litre
CN	cyanide
Cu	copper
DM	<i>Daphnia magna</i>
FDP	final discharge point
m ³	cubic metre(s)
MB	Manitoba
mg/L	milligram(s) per litre
MMER	<i>Metal Mining Effluent Regulations</i>
NB	New Brunswick
ND	no deposit
Ni	nickel
NL	Newfoundland and Labrador
NMR	no measurement required
NS	Nova Scotia
NT	Northwest Territories
NU	Nunavut
ON	Ontario
Pb	lead
QC	Quebec
Ra-226	radium 226
RT	rainbow trout
SK	Saskatchewan
TA	transitional authorization
t/d	tonne(s) per day
t/y	tonne(s) per year
TSS	total suspended solids
U ₃ O ₈	uranium oxide
YT	Yukon
Zn	zinc

**Appendix A: Extended Transitional Authorizations Granted
Pursuant to Section 35 of the *Metal Mining
Effluent Regulations***

(from December 7, 2004, to December 6, 2008)

Facility	Final Discharge Point	Province	Allowable TSS (mg/L)
Konuto Lake Mine	Surface Sump Discharge	Saskatchewan	25
Iron Ore Company of Canada – Carol Project	Beaver Bay Discharge	Newfoundland and Labrador	2 244
Iron Ore Company of Canada – Carol Project	Old Tailings Pumphouse Discharge	Newfoundland and Labrador	4 385
Iron Ore Company of Canada – Carol Project	Ore Car Flume	Newfoundland and Labrador	15 850
Iron Ore Company of Canada – Carol Project	Main Tailings Discharge	Newfoundland and Labrador	42 160
Wabush (Scully Mine)	Tailings Discharge	Newfoundland and Labrador	807 600

Appendix B: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007

	Facility	Operator	Province / Territory (Location)	Products	Production Capacity	Process
1	Myra Falls Operations	NVI Mining Ltd.	British Columbia (Vancouver Island)	Copper, zinc, lead, gold, silver	4 000 t/d	Flotation
2	Endako Mines	Thompson Creek Mining Ltd.	British Columbia (west-central BC)	Molybdenum	27 000 t/d	Flotation
3	Huckleberry Mine	Huckleberry Mines Ltd.	British Columbia (central BC, southwest of Houston)	Copper, molybdenum, gold, silver	21 000 t/d	Flotation
4	Eskay Creek Mine	Barrick Gold Corporation	British Columbia (northwestern BC, east of Alaska Panhandle)	Gold, silver	300 t/d	Crushing only
5	Kemess South Mine	Northgate Minerals Corporation	British Columbia (north-central BC)	Gold, copper	49 000 t/d	Flotation
6	MAX Molybdenum Mine and Mill	Forty Two Metals Inc.	British Columbia (southeastern BC, 60 km southeast of Revelstoke)	Molybdenum	1 000 t/d (mill)	Flotation
7	Minto Project	Minto Explorations Ltd.	Yukon Territory (240 km northwest of Whitehorse)	Copper, gold, silver	Mine under development	
8	Key Lake Operation	Cameco Corporation	Saskatchewan (northern SK)	Uranium	Mill only. Annual production capacity of 18 million pounds U ₃ O ₈	Leaching and solvent extraction
9	McArthur River Operation	Cameco Corporation	Saskatchewan (northern SK)	Uranium	150 t/d	Crushing only – processed at Key Lake
10	Cigar Lake Project	Cameco Corporation	Saskatchewan (northern SK)	Uranium	Mine under development	
11	McClellan Lake Operation	AREVA Ressources Canada Inc.	Saskatchewan (northeastern SK, Wollaston Lake area)	Uranium	300 t/d	Leaching and solvent extraction
12	Rabbit Lake Operation	Cameco Corporation	Saskatchewan (northeastern SK, Wollaston Lake area)	Uranium	Annual production capacity of 12 million pounds U ₃ O ₈	Leaching and solvent extraction
13	Seabee Mine	Claude Resources Inc.	Saskatchewan (northern SK)	Gold	800 t/d	Cyanidation
14	Santoy 7 Mine	Claude Resources Inc.	Saskatchewan (northern SK)	Gold		Mining only – ore shipped to Seabee Mill
15	Konuto Lake Mine	Hudson Bay Mining and Smelting Co. Ltd.	Saskatchewan (east- central SK, near Flin Flon, MB)	Copper, zinc, gold, silver, selenium, tellurium	800 t/d	Mining only – ore shipped to Flin Flon Mill
16	Flin Flon Complex	Hudson Bay Mining and Smelting Co. Ltd.	Manitoba (west- central MB, in Flin Flon)	Copper, lead, zinc	5 500 t/d	Flotation

Appendix B: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007 (cont'd)

	Facility	Operator	Province / Territory (Location)	Products	Production Capacity	Process
17	Trout Lake Mine	Hudson Bay Mining and Smelting Co. Ltd.	Manitoba (west-central MB, near Flin Flon)	Copper, zinc, gold, silver	2 500 t/d	Flotation
18	Chisel North Mine	Hudson Bay Mining and Smelting Co. Ltd.	Manitoba (west-central MB, near Snow Lake)	Zinc	750 t/d	Mining only – ore shipped to Stall / Snow Lake Mill
19	Snow Lake Mill	Hudson Bay Mining and Smelting Co. Ltd.	Manitoba (west-central MB, near Snow Lake)	Copper, zinc, selenium, tellurium, silver	3 600 t/d	Flotation
20	Birchtree Mine	Vale Inco Ltd.	Manitoba (northern MB, near Thompson)	Nickel, copper	3 175 t/d	Mining only – ore shipped to Thompson Complex
21	Thompson Complex	Vale Inco Ltd.	Manitoba (northern MB, in Thompson)	Nickel, copper	12 000 t/d	Flotation
22	New Britannia Mine	Kinross Gold Corporation / Garson Gold Corporation	Manitoba (west-central MB, near Snow Lake)	Gold	2 200 t/d	Cyanidation
23	Tanco Mine	Tantalum Mining Corporation of Canada Ltd.	Manitoba (southeastern MB, northeast of Winnipeg)	Tantalum, lithium, cesium, rubidium	Varies by commodity	Gravity, flotation, dry grinding, leach
24	Rice Lake Gold Mine	San Gold Corporation	Manitoba (southeast MB, Red Lake area)	Gold	1 250 t/d	Gravity concentration, flotation and carbon-in-leach (cyanide)
25	Cantung Mine	North American Tungsten Corporation Ltd.	Northwest Territories (east of Yukon border)	Tungsten	3 000 t/d	Flotation
26	Con Mine	Miramar Mining Corporation	Northwest Territories (Yellowknife)	Gold	750 t/d	Cyanidation
27	Giant Mine	Miramar Mining Corporation / Indian and Northern Affairs Canada	Northwest Territories (Yellowknife)	Gold	5 800 t/month	Mining only – ore shipped to Con Mine
28	Lupin Operations	Kinross Gold Corporation / Zinifex Canada Inc.	Nunavut (western NU, northeast of Yellowknife)	Gold	On care and maintenance	
29	Nanisivik Mine	CanZinco Ltd.	Nunavut (northern Baffin Island)	Zinc, lead, silver	Closed	
30	Red Lake Mine	Goldcorp Inc.	Ontario (northwestern ON, Red Lake area)	Gold	600 t/d	Gravity, cyanidation, flotation
31	Campbell Mine	Goldcorp Inc.	Ontario (northwestern ON, Red Lake area)	Gold	≥ 1 000 t/d	Cyanidation
32	Musselwhite Mine	Goldcorp Inc.	Ontario (northwestern ON)	Gold	3 300 t/d	Cyanidation

Appendix B: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007 (cont'd)

	Facility	Operator	Province / Territory (Location)	Products	Production Capacity	Process
33	Lac des Iles Mine	Lac des Iles Mines Ltd.	Ontario (northwestern ON, northwest of Thunder Bay)	Palladium, platinum, gold, copper, nickel, cobalt	15 000 t/d	Flotation
34	Golden Giant Mine	Newmont Canada Ltd.	Ontario (northern ON, east of Marathon)	Gold	3 000 t/d	Cyanidation
35	Williams Mine	Teck Cominco Ltd. and Barrick Gold Corporation	Ontario (northern ON, east of Marathon)	Gold	10 000 t/d	Cyanidation, gravity
36	Eagle River Mine	Wesdome Gold Mines Ltd.	Ontario (northern ON, west of Wawa)	Gold	850 t/d	Mining only – ore shipped to River Gold Mill
37	Eagle River Mill (Mill, Mishi Pit, and Magnacon Mine)	Wesdome Gold Mines Ltd.	Ontario (northern ON, west of Wawa)	Gold	1 000 t/d	Cyanidation
38	Island Gold Project	Richmont Mines Inc.	Ontario (northern ON, west of Wawa)	Gold	Mine under development	
39	Porcupine Joint Venture / Porcupine Gold Mines (Dome Mine, Owl Creek Pit, Pamour Mine)	Goldcorp Inc. and Kinross Gold Corporation / Goldcorp Inc. and Goldcorp Canada Ltd.	Ontario (northeastern ON, Timmins area)	Gold		Cyanidation
40	Holloway Mine	Holloway Mining Company	Ontario (northeastern ON, Timmins area)	Gold	2 500 t/d	Cyanidation
41	Clavos Mine	St Andrew Goldfields Ltd.	Ontario (northeastern ON, Timmins area)	Gold	700 t/d	Ore shipped to Stock Mill
42	Hislop Mine	St Andrew Goldfields Ltd.	Ontario (northeastern ON, Timmins area)	Gold	Mine under development	Ore shipped to Stock Mill
43	Stock Mine and Mill Complex	St. Andrew Goldfields Ltd.	Ontario (northeastern ON, Timmins area)	Gold	1 300 t/d (mill)	Carbon-in-leach (cyanide)
44	Redstone Mine	Liberty Mines Inc.	Ontario (northeastern ON, Timmins area)	Nickel		Flotation
45	Kidd Mining Division	Falconbridge Ltd. / Xstrata Canada Corporation	Ontario (northeastern ON, Timmins area)	Zinc, copper, cadmium, indium, cobalt, selenium, silver, palladium, platinum	10 000 t/d	Mining only – ore shipped to Kidd Metallurgical Division
46	Kidd Metallurgical Division	Falconbridge Ltd. / Xstrata Canada Corporation	Ontario (northeastern ON, Timmins area)	Zinc, copper, cadmium, indium, cobalt, selenium, silver, palladium, platinum	10 000 t/d	Flotation
47	Montcalm Project	Falconbridge Ltd. / Xstrata Canada Corporation	Ontario (northeastern ON, Timmins area)	Nickel, copper, cobalt	875 000 t/y	Ore shipped to Kidd Metallurgical Division
48	Macassa Mine	Kirkland Lake Gold Inc.	Ontario (northeastern ON, Kirkland Lake area)	Gold	1 450 t/d	Cyanidation

Appendix B: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007 (cont'd)

	Facility	Operator	Province / Territory (Location)	Products	Production Capacity	Process
49	McAlpine Mill	SMC (Canada) Ltd.	Ontario (northeastern ON, Cobalt area)	Gold, silver, platinum, palladium	200 t/d processes metallurgical wastes	Gravity and flotation
50	Lockerby Mine	First Nickel Inc.	Ontario (Sudbury area)	Copper, nickel, cobalt	≥700 t/d	Mining only – ore shipped to Strathcona Mill
51	Strathcona Tailings Treatment System (includes Fraser, Strathcona Mine and Mill, Craig and Onaping Mines; also includes Inco's Coleman and McCreedy East Mines)	Falconbridge Ltd. / Xstrata Canada Corporation	Ontario (Sudbury area)	Nickel, copper, cobalt, platinum, palladium	8 200 t/d	Flotation
52	Copper Cliff Complex (includes Clarabelle Mill, smelter, Copper Cliff North, Copper Cliff South, Creighton, Gertrude, Frood, and Stobie Mines)	Inco Ltd. / Vale Inco Ltd.	Ontario (Sudbury area)	Nickel, copper, cobalt, platinum	27 300 t/d for Clarabelle Mill	Flotation
53	Crean Hill Mine	Inco Ltd. / Vale Inco Ltd.	Ontario (Sudbury area)	Nickel, copper, cobalt, platinum	Closed	
54	Garson Mine	Inco Ltd. / Vale Inco Ltd.	Ontario (Sudbury area)	Nickel, copper, cobalt, platinum	2 400 t/d	Mining only – ore shipped to Copper Cliff Complex – Clarabelle Mill
55	Totten Mine	Vale Inco Ltd.	Ontario (Sudbury area)	Nickel, copper, precious metals	Mine under development	
56	Podolsky Mine	FNX Mining Company Inc.	Ontario (Sudbury area)	Nickel, copper, precious metals	1 000 t/d	Mining only – ore shipped to Copper Cliff Complex – Clarabelle Mill
57	Haley Plant	Timminco Ltd.	Ontario (southeastern ON, west of Ottawa)	Magnesium, calcium, strontium	7 500 t/y magnesium, 900 t/y calcium	Calcining, reduction, refining, melting, casting, extruding
58	Langlois (Mine)	Ressources Breakwater Ltée	Quebec (northwestern QC, 213 km north of Val d'Or)	Zinc, copper, gold, silver	2 000 t/d	Flotation
59	Matagami (Mine) / Xstrata Zinc Canada Division	Falconbridge Ltd. / Xstrata Canada Corporation	Quebec (northeastern QC, near Matagami)	Zinc, copper	2 000 t/d	Flotation

Appendix B: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007 (cont'd)

	Facility	Operator	Province / Territory (Location)	Products	Production Capacity	Process
60	Casa Berardi (Mine)	Mines Aurizon Ltée	Quebec (northwestern QC, 95 km north of La Sarre)	Gold	1 600 to 2 200 t/d	Cyanidation
61	Géant Dormant (Mine)	Gestion lamgold-Québec Inc.	Quebec (northeastern QC, Abitibi region)	Gold	900 t/d	Cyanidation
62	Bouchard-Hébert (Mine)	Ressources Breakwater Ltée	Quebec (northeastern QC, Abitibi region)	Zinc, copper, gold, silver	2 800 t/d	Flotation
63	Louvicourt (Mine)	Les Ressources Aur Inc.	Quebec (northeastern QC, Abitibi region)	Copper, zinc, silver, gold	4 000 t/d	Flotation
64	Laronde (Mine)	Mines Agnico-Eagle Ltée	Quebec (northeastern QC, Abitibi region)	Gold, silver, copper, zinc	5 000 t/d	Flotation, leaching, gravity concentration
65	Lapa (Project)	Mines Agnico-Eagle Ltée	Quebec (northwestern QC, 11 km east of LaRonde Mine)	Gold	Mine under development	
66	Mouska (Mine)	Gestion lamgold-Québec Inc.	Quebec (northeastern QC, Abitibi region)	Gold	600 t/d	Mining only – ore shipped to Doyon Mill
67	Doyon	Gestion lamgold-Québec Inc.	Quebec (northeastern QC, Abitibi region)	Gold	3 500 t/d	Cyanidation
68	Kiena (Mine)	Mines d'Or Wesdome Ltée	Quebec (northeastern QC, Abitibi region)	Gold	2 000 t/d	Cyanidation
69	Malartic (Mill)	Ministère des Ressources naturelles et de la Faune du Québec	Quebec (northeastern QC, Abitibi region)	Gold	3 000 t/d	Gravity, flotation, cyanidation
70	East Amphi (Project)	Mines Richmond Inc.	Quebec (northeastern QC, Abitibi region)	Gold	800 t/d	Mining only – ore shipped to Camflo
71	Sigma	Century Mining Corporation	Quebec (northeastern QC, Abitibi region)	Gold	5 000 t/d	
72	Goldex (Mine)	Mines Agnico-Eagle Ltée	Quebec (northeastern QC, Abitibi region)	Gold	Mine under development	
73	Beaufor	Mines Richmond Inc.	Quebec (northeastern QC, Abitibi region)	Gold	820 t/d	Mining only – ore shipped to Camflo
74	Camflo (Mill)	Mines Richmond Inc.	Quebec (northeastern QC, Abitibi region)	Gold	1 300 t/d (mill only)	Cyanidation
75	Croinor (Mine)	Exploration Malartic-Sud Inc. – Ressources X-Ore Inc.	Quebec (northeastern QC, Abitibi region)	Gold		Mining only – ore shipped to Camflo
76	Fabie (Mine)	First Metal Inc.	Quebec (northeastern QC, Abitibi region)	Copper	1 400 t/d	Mining only – ore shipped to Horne Complex
77	Horne (Smelter)	Xstrata Canada Corporation	Quebec (northeastern QC, Abitibi region)	Copper	Ore processed from Fabie Mine	Flotation

Appendix B: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007 (cont'd)

	Facility	Operator	Province / Territory (Location)	Products	Production Capacity	Process
78	Principale (Camchib)	Ressources Meston Inc.	Quebec (northeastern QC, Chibougamau area)	Gold, copper	3 000 t/d (mill only)	Cyanidation
79	Joe Mann	Ressources Meston Inc.	Quebec (northeastern QC, Chibougamau area)	Gold, copper	1 000 t/d	Mining only – ore shipped to Camchib
80	Copper Rand (Mine)	Ressources MSV Inc.	Quebec (northeastern QC, Chibougamau area)	Copper, gold, silver		Gravity, flotation
81	Troilus	Corporation minière Inmet	Quebec (northeastern QC, north of Chibougamau)	Gold, copper	15 000 t/d	Gravity, flotation
82	Raglan (Mine)	Falconbridge Ltd. / Xstrata Canada Corporation	Quebec (northern QC, west of Ungava Bay)	Nickel, copper, cobalt, platinum, palladium	3 000 t/d	Flotation
83	Niobec (Mine)	Gestion lamgold-Québec Inc.	Quebec (central QC, Lac St. Jean region)	Niobium	3 500 t/d	Flotation, magnetic separation
84	Tio (Mine)	QIT-Fer et Titane Inc.	Quebec (eastern QC, north of Havre-Saint-Pierre)	Titanium, iron ore	8 000 t/d	Mining only – ore processed at plant in Sorel, QC
85	Mont-Wright (Mine)	Compagnie minière Québec Cartier	Quebec (northeastern QC, near Wabush, NL)	Iron ore	125 000 t/d	Grinding and spiral separation
86	Wabush Mines Joint Venture (Scully Mine)	Wabush Mines	Newfoundland and Labrador (western Labrador, Wabush, Labrador City area)	Iron ore	54 400 t/d	Grinding, spiral and high-tension separation
87	Iron Ore Company of Canada – Carol Project	Iron Ore Company of Canada	Newfoundland and Labrador (western Labrador, Wabush, Labrador City area)	Iron ore	140 000 t/d	Spirals and magnetic separators, flotation
88	Nugget Pond Mine	Crew Gold Corporation	Newfoundland and Labrador (north-central NL, northwest of Grand Falls)	Gold	350 t/d (mill only)	
89	Duck Pond Mine	Aur Resources Inc. / Teck Cominco Ltd.	Newfoundland and Labrador (west-central Newfoundland)	Copper, zinc, silver, gold	1 500 t/d	Flotation
90	Voisey's Bay Mine – Mill	Voisey's Bay Nickel Company Ltd. / Vale Inco Ltd.	Newfoundland and Labrador (northeastern Labrador)	Nickel, copper, cobalt	6 000 t/d	Flotation

Appendix B: Mining Facilities Subject to the *Metal Mining Effluent Regulations* in 2007 (cont'd)

	Facility	Operator	Province / Territory (Location)	Products	Production Capacity	Process
91	Brunswick No. 12	Falconbridge Ltd. / Xstrata Canada Corporation – Xstrata Zinc Canada Division	New Brunswick (northern NB, south of Bathurst)	Lead, zinc, copper, silver	10 000 t/d	Flotation
92	Caribou Mine and Mill	Blue Note Mining Inc.	New Brunswick (northern NB, west of Bathurst)	Zinc, lead, silver, copper	3 000 t/d (mill) 1 650 t/d (mine)	Flotation
93	Restigouche Mine	Blue Note Mining Inc.	New Brunswick (northern NB, west of Bathurst)	Zinc, lead, silver, copper	1 350 t/d	Mining only – ore shipped to Caribou Mill
94	Scozinc Mine and Mill	Acadian Mining Corporation	Nova Scotia (65 km north of Halifax)	Zinc, lead	2 300 t/d (mill) Open pit and underground mine	Flotation

Appendix C: Mining Companies Included in the Assessment in 2007

Acadian Mining Corporation

AREVA Resources Canada Inc.

Aur Resources Inc.

Barrick Gold Corporation

Blue Note Mining Inc.

Cameco Corporation

CanZinco Ltd.

Century Mining Corporation

Claude Resources Inc.

Compagnie minière Québec Cartier

Corporation minière Inmet

Crew Gold Corporation

Exploration Malartic-Sud Inc.

Falconbridge Ltd.

First Metal Inc.

First Nickel Inc.

FNX Mining Company Inc.

FortyTwo Metals Inc.

Garson Gold Corporation

Gestion Iamgold-Québec Inc.

Goldcorp Canada Ltd.

Goldcorp Inc.

Holloway Mining Company

Huckleberry Mines Ltd.

Hudson Bay Mining and Smelting Co. Ltd.

Inco Ltd.

Indian and Northern Affairs Canada

Iron Ore Company of Canada

Kinross Gold Corporation

Kirkland Lake Gold Inc.

Lac des Îles Mines Ltd.

Les Ressources Aur Inc.

Liberty Mines Inc.

Mines Agnico-Eagle Ltée

Mines Aurizon Ltée

Mines d'Or Wesdome Ltée

Mines Richmond Inc.

Ministère des Ressources naturelles et de la Faune du Québec

Minto Explorations Ltd.

Miramar Mining Corporation

Newmont Canada Ltd.

North American Tungsten Corporation Ltd.

Northgate Minerals Corporation

NVI Mining Ltd.

QIT-Fer et Titane Inc.

Ressources Breakwater Ltée

Ressources Meston Inc.

Ressources MSV Inc.

Ressources X-Ore Inc.

Richmont Mines Inc.

San Gold Corporation

SMC (Canada) Ltd.

St Andrew Goldfields Ltd.

Tantalum Mining Corporation of Canada Ltd.

Teck Cominco Ltd.

Thompson Creek Mining Ltd.

Timminco Ltd.

Vale Inco Ltd.

Voisey's Bay Nickel Company Ltd.

Wabush Mines

Wesdome Gold Mines Ltd.

Xstrata Canada Corporation

Zinifex Canada Inc.

Appendix D: Performance Summary of Mine Effluents in 2007

Note to the Reader

The tables presented in this appendix summarize the effluent quality data for mines subject to the *Metal Mining Effluent Regulations* (MMER) in 2007. The summaries include site identification (i.e., mine/mill name and effluent discharge name) and number of months of discharge. Table D1 summarizes the distribution of the non-compliant parameters for metals and pH, whereas Table D2 summarizes the results of rainbow trout acute lethality tests and *Daphnia magna* monitoring tests. Metal exceedances represent the number of monthly mean concentrations that exceeded the prescribed limits for a given month, whereas pH exceedances represent the number of times that the monthly pH range was exceeded. The parameters included are arsenic (As), copper (Cu), cyanide (CN), lead (Pb), nickel (Ni), zinc (Zn), total suspended solids (TSS), total radium 226 (Ra-226), and pH.

Table D1: Summary of Exceedances for Mines Subject to the MMR in 2007: Prescribed Parameters and pH

Site Identification		Number of Months of Discharge	As 0.5 mg/L	Cu 0.3 mg/L	CN 1 mg/L	Pb 0.2 mg/L	Ni 0.5 mg/L	Zn 0.5 mg/L	TSS 15 mg/L	Ra-226 0.37 Bq/L	pH Low 6	pH High 9.5
Mine/Mill Name	Effluent Discharge Name											
Beaufor	Final Effluent	12										
Birchtree Mine	Birchtree Effluent Treatment Plant	12										
Bouchard-Hébert (Mine)	Polishing Pond – Final Effluent	5										
Brunswick No. 12	3333 Final Effluent	12										
Carnflo (Mill)	Final Effluent	12						2				
Campbell Mine	WETOUT	7										
Cantung Mine	Settling Pond 5-2	3										
Cantung Mine	4-27-2 Culvert	12										
Cantung Mine	Polishing Pond Four	12						3				
Caribou Mine	Polishing Pond Effluent	2										
Casa Berardi (Mine)	Final Effluent – Point A	5	1									
Chisel North Mine	Chisel North Mine Discharge	12										
Cigar Lake Project	Station 2.2	7										
Clavos Mine	Clavos Mine Drainage Area	6									1	
Clavos Mine	Sediment Pond	0										
Con Mine	Surveillance Network Program Station 40-1	3										
Copper Cliff Complex	Copper Cliff Wastewater Treatment Plant	12					1					
Copper Cliff Complex	Nolin Creek Spillway	0										
Copper Cliff Complex	Nolin Creek Wastewater Treatment Plant	8										
Copper Rand (Mine)	Point #2.1c	12										
Crean Hill Mine	Crean Hill Mine	2										
Croinor (Mine)	Final Effluent	0										
Doyon	Pond A (D-203)	12										
Duck Pond Mine	Polishing Pond Effluent	9										
Duck Pond Mine	Temporary Settling Pond Effluent	0										
Eagle River Mill	Eagle River Mill	6										
Eagle River Mine	FDP 1	12										
East Amphi (Project)	Final Effluent EF-EA	0										

Highlighted data indicate the number of times that the authorized limits set as per Transitional Authorizations (TAs) were exceeded.

Table D1: Summary of Exceedances for Mines Subject to the MMR in 2007: Prescribed Parameters and pH (cont'd)

Site Identification		Number of Months of Discharge	As 0.5 mg/L	Cu 0.3 mg/L	CN 1 mg/L	Pb 0.2 mg/L	Ni 0.5 mg/L	Zn 0.5 mg/L	TSS 15 mg/L	Ra-226 0.37 Bq/L	pH Low 6	pH High 9.5
Mine/Mill Name	Effluent Discharge Name											
Endako Mines	En.A1 – Tailings Pond 1 South	12										
Endako Mines	En.H1 – Tailings Pond 2 Higginbotham	12										
Endako Mines	En.N1 – Tailings Pond 1 North	12										
Endako Mines	En.S2 – Tailings Pond 2 South	12										
Endako Mines	En.SBC – Endako Pit	12										
Endako Mines	En.W2 – Denak West Pit	0										
Eskey Creek Mine	Es.D7 – Treatment Pond Discharge Point	12										
Eskey Creek Mine	Es.TM1 – Tom MacKay Discharge Point	12										
Eskey Creek Mine	Es.W20 – Albino Discharge Point	10										
Fabie (Mine)	V-notch	1										
Flin Flon Complex	North Weir Discharge	12										
Garson Mine	Garson Mine	12										
Géant Dormant (Mine)	GD-E01 Final Effluent – Minewater Pond	12										
Géant Dormant (Mine)	GD-E02 Final Effluent – Lamellar Clarifier	0										
Géant Dormant (Mine)	GD-E03, Polishing Pond 2A	5										
Giant Mine	Surveillance Network Program Station 43-1	3										
Golden Giant Mine	Effluent Treatment Plant Final Effluent	0										
Golden Giant Mine	Sedimentation Pond Effluent	9										
Goldex (Mine)	Final Effluent	8										
Goldex (Mine)	Final Effluent – Shaft No. 2	5										
Haley Plant	FDP 1	12										
Hislop Mine	Sedimentation Pond	1										
Holloway Mine	Final Discharge Point	4										
Horne (Smelter)	Final Effluent – Pelletier Sector	1										
Huckleberry Mine	Hu.EZDD – East Zone Diversion Ditch	0										
Huckleberry Mine	Hu.SC3 – Sediment Control Structure 3	12										

Highlighted data indicate the number of times that the authorized limits set as per Transitional Authorizations (TAs) were exceeded.

Table D1: Summary of Exceedances for Mines Subject to the MMR in 2007: Prescribed Parameters and pH (cont'd)

Site Identification		Number of Months of Discharge	As 0.5 mg/L	Cu 0.3 mg/L	CN 1 mg/L	Pb 0.2 mg/L	Ni 0.5 mg/L	Zn 0.5 mg/L	TSS 15 mg/L	Ra-226 0.37 Bq/L	pH Low 6	pH High 9.5
Mine/Mill Name	Effluent Discharge Name											
Huckleberry Mine	Hu.SC4 – Sediment Control Structure 4	11							3			
Huckleberry Mine	Hu.TMF2 – Tailings Management Facility 2 Supernatant	12										1
Iron Ore Company of Canada – Carol Project	Beaver Bay Discharge	11							3			
Iron Ore Company of Canada – Carol Project	Hakim Culvert	2							2			
Iron Ore Company of Canada – Carol Project	Main Tailings Discharge	11										
Iron Ore Company of Canada – Carol Project	MD5	7							1			
Iron Ore Company of Canada – Carol Project	Old Tailings Pumphouse Discharge	11										
Iron Ore Company of Canada – Carol Project	Ore Car Flume	6							1			
Island Gold Project	IG-2	7										
Joe Mann	Point #10	12										
Kemess South Mine	KS.WQ14 – Runoff	12										
Kemess South Mine	KS.WQBL – Sedimentation Pond Decant	7										
Key Lake Operation	Station 1.2 – Dewatering Discharge to Horsefly Lake	12										
Key Lake Operation	Station 1.4 – Mill Effluent to Wolf Lake	12										
Kidd Metallurgical Division	Final Effluent Monitoring Point	12										
Kidd Mining Division	Treatment Pond Final Effluent	12										
Kiena (Mine)	Final Effluent	6										
Konuto Lake Mine	Surface Sump Discharge	0										
Lac des Iles Mine	FDP 1	7										
Langlois (Mine)	Main Final Effluent	10										
Lapa (Project)	Final Effluent – Sedimentation Pond	11										1
Laronde (Mine)	Final Effluent 3A	12										1
Lockerby Mine	Number 4 Pond Effluent	12										

Highlighted data indicate the number of times that the authorized limits set as per Transitional Authorizations (TAs) were exceeded.

Table D1: Summary of Exceedances for Mines Subject to the MMR in 2007: Prescribed Parameters and pH (cont'd)

Site Identification		Number of Months of Discharge	As 0.5 mg/L	Cu 0.3 mg/L	CN 1 mg/L	Pb 0.2 mg/L	Ni 0.5 mg/L	Zn 0.5 mg/L	TSS 15 mg/L	Ra-226 0.37 Bq/L	pH Low 6	pH High 9.5
Mine/Mill Name	Effluent Discharge Name											
Louvicourt (Mine)	Polishing Pond – Final Effluent (EF-BP)	0										
Louvicourt (Mine)	Pit No. 3	0										
Lupin Operations	Lupin Discharge Syphons SNP 925-10	0										
Macassa Mine	C Dam	12										
Magnaon Mine (part of Eagle River Mill)	Magnaon Mine	0										
Malartic (Mill)	Final Effluent E1	5										
Matagami (Mine) / Xstrata Zinc Canada Division	WLD	12										
MAX Molybdenum Mine and Mill	MM.SiteD – Mine Portal Settling Pond	9							3			
MAX Molybdenum Mine and Mill	MM.SiteI – Settling Ponds Decant	5							1			
McAlpine Mill	Polishing Pond	12							4			
McArthur River Operation	Station 2.1	12										
McArthur River Operation	Station 2.1B	0										
McArthur River Operation	Station 2.7	0										
McClellan Lake Operation	CM01-B (JEB Water Treatment Plant)	11										
McClellan Lake Operation	CM03	0										
McClellan Lake Operation	SC01 (SUE Water Treatment Plant Effluent)	12										
Minto Project	Mi.W3 – Runoff Main Water Dam	11										
Mishi Pit (part of Eagle River Mill)	Mishi Pit	3										
Montcalm Project	Montcalm Final Effluent	11										
Mont-Wright (Mine)	Point HS-1	12										
Mont-Wright (Mine)	Point MS-2	6										
Mouska (Mine)	Final Effluent	12										
Muskelwhite Mine	FDP 1	6										
Myra Falls Operations	MF.11A – Runoff Myra Ponds Effluent	12						1				

Highlighted data indicate the number of times that the authorized limits set as per Transitional Authorizations (TAs) were exceeded.

Table D1: Summary of Exceedances for Mines Subject to the MMER in 2007: Prescribed Parameters and pH (cont'd)

Site Identification		Number of Months of Discharge	As 0.5 mg/L	Cu 0.3 mg/L	CN 1 mg/L	Pb 0.2 mg/L	Ni 0.5 mg/L	Zn 0.5 mg/L	TSS 15 mg/L	Ra-226 0.37 Bq/L	pH Low 6	pH High 9.5
Mine/Mill Name	Effluent Discharge Name											
Nanisivik Mine	Twin Lakes Creek Discharge (159-4)	0										
New Britannia Mine	SWM03 (Birch Lake Outlet Embankment Decant Discharge)	1										
Niobec (Mine)	Final Effluent	12							6			
Nugget Pond Mine	Polishing Pond Effluent	8										
Podolsky Mine	Norman North Bog Outlet 1	1										
Porcupine Joint Venture / Porcupine Gold Mines	Mine Effluent Treatment Plant – Dome Mine	5										
Porcupine Joint Venture / Porcupine Gold Mines	Mine Water Storage Pond – Dome Mine	12										
Porcupine Joint Venture / Porcupine Gold Mines	Owl Creek Discharge 1	6										
Porcupine Joint Venture / Porcupine Gold Mines	Owl Creek Discharge 2	1										
Porcupine Joint Venture / Porcupine Gold Mines	Pamour Mine Water	12										
Principale (Camchib)	Point 20	0										
Rabbit Lake Operation	Station 2.3.3	12										
Raglan (Mine)	DIR-HAS	0										
Raglan (Mine)	DIR-SPOON	0										
Raglan (Mine)	DIR-UT	5										
Raglan (Mine)	DIR-Z3	8										
Red Lake Mine	G1	1										
Red Lake Mine	G2	5										
Red Lake Mine	Shaft 3 Mine Water Settling Pond	0										
Redstone Mine	RSD-2	8					2		2			
Restigouche Mine	Mixing Structure Discharge	2										
Rice Lake Gold Mine	FDP1 – End of Pipe	3										
Santoy 7 Mine	Santoy 7 Settling Pond	3							2			
Scozinc Mine	Polishing Pond Outlet	4		1				1				
Seabee Mine	Final Discharge Point 1.2	12							1			

Highlighted data indicate the number of times that the authorized limits set as per Transitional Authorizations (TAs) were exceeded.

Table D1: Summary of Exceedances for Mines Subject to the MMR in 2007: Prescribed Parameters and pH (cont'd)

Site Identification		Number of Months of Discharge	As 0.5 mg/L	Cu 0.3 mg/L	CN 1 mg/L	Pb 0.2 mg/L	Ni 0.5 mg/L	Zn 0.5 mg/L	TSS 15 mg/L	Ra-226 0.37 Bq/L	pH Low 6	pH High 9.5
Mine/Mill Name	Effluent Discharge Name											
Seabee Mine	Final Discharge Point 1.3	0										
Seabee Mine	Final Discharge Point 1.5	3										
Sigma	Final Effluent EFF1	3										
Snow Lake Mill	Anderson Lake Discharge	5										
Stock Mine and Mill Complex	Direct Tailings Pond Effluent	0										
Stock Mine and Mill Complex	Polishing Pond Effluent	9	1						1			
Strathcona Tailings Treatment System	Fecunis RR Bridge	12										
Tanco Mine	East Discharge (Phreatic Flow)	0										
Tanco Mine	West Discharge (Compliance Point)	12										2
Thompson Complex	Misery Weir	12										1
Thompson Complex	Station B	12										
Tio (Mine)	South Switch	12					1					
Tio (Mine)	Lake 211.4	8										
Tio (Mine)	Grondin Lake	0										
Tio (Mine)	Resurgence Leo	12					12					
Totten Mine	Totten Discharge	4							1			
Troilus	BS-1	9										
Troilus	BS-2	10							1			
Troilus	PR-1	12										
Troilus	PR-2	12										
Troilus	PR-5	10										
Troilus	PR-6	12										
Troilus	PR-7	12							2			
Trout Lake Mine	Trout Lake Surface Sump Discharge	12										
Voisey's Bay Mine – Mill	Port Site Sediment Pond	0										
Voisey's Bay Mine – Mill	Sedimentation Pond A Discharge	0										
Voisey's Bay Mine – Mill	Sedimentation Pond B	0										

Highlighted data indicate the number of times that the authorized limits set as per Transitional Authorizations (TAs) were exceeded.

Table D1: Summary of Exceedances for Mines Subject to the MMR in 2007: Prescribed Parameters and pH (cont'd)

Site Identification		Number of Months of Discharge	As 0.5 mg/L	Cu 0.3 mg/L	CN 1 mg/L	Pb 0.2 mg/L	Ni 0.5 mg/L	Zn 0.5 mg/L	TSS 15 mg/L	Ra-226 0.37 Bq/L	pH Low 6	pH High 9.5
Mine/Mill Name	Effluent Discharge Name											
Voisey's Bay Mine – Mill	South of Ovoid Final Discharge Point	1							1			
Voisey's Bay Mine – Mill	South Sedimentation Pond	0										
Voisey's Bay Mine – Mill	Treated Effluent Final Discharge Point	12										
Wabush Mines Joint Venture – Scully Mine	East Pit Dewatering East	10							8			
Wabush Mines Joint Venture – Scully Mine	East Pit No.1 Dewatering	0										
Wabush Mines Joint Venture – Scully Mine	East Pit No. 2 Dewatering	12										
Wabush Mines Joint Venture – Scully Mine	Knoll Lake Inflow	12							11			
Wabush Mines Joint Venture – Scully Mine	Loadout Ditch Discharge	4							2		3	
Wabush Mines Joint Venture – Scully Mine	Shops East Discharge	0										
Wabush Mines Joint Venture – Scully Mine	Shops South Discharge	0										
Wabush Mines Joint Venture – Scully Mine	Tailings Discharge	12							1			
Wabush Mines Joint Venture – Scully Mine	Tailings Line Emergency Dump Basin 1	0										
Wabush Mines Joint Venture – Scully Mine	West Pit Extension Settling Basin	12							5			
Williams Mine	Polishing Pond Discharge CP 400	0										
Williams Mine	Stormwater Pond CP 102	5										
Williams Mine	Stormwater Pond CP 0300	2										
Williams Mine	Stormwater Pond CP 400A	12							3			
Williams Mine	Treated Effluent CP 0201	0										
Total Exceedances			2	1	0	0	16	2	73	0	5	4

Highlighted data indicate the number of times that the authorized limits set as per Transitional Authorizations (TAs) were exceeded.

Table D2: Performance Summary for Mines Subject to the MMER in 2007: Rainbow Trout (RT) Acute Lethality and *Daphnia magna* (DM) Monitoring Tests

Site Identification		Number of Months of Discharge	RT Total	RT Fail	DM Total	DM Fail
Mine/Mill Name	Effluent Discharge Name					
Beaufor	Final Effluent	12	9		9	
Birchtree Mine	Birchtree Effluent Treatment Plant	12	4		4	2
Bouchard-Hébert (Mine)	Polishing Pond – Final Effluent	5	5		5	
Brunswick No. 12	3333 Final Effluent	12	12		12	3
Camflo (Mill)	Final Effluent	12	5		6	1
Campbell Mine	WETOUT	7	8		8	
Cantung Mine	Settling Pond 5-2	3	2		2	
Cantung Mine	4-27-2 Culvert	12	12		11	
Cantung Mine	Polishing Pond Four	12	12		11	
Caribou Mine	Polishing Pond Effluent	2	2		2	
Casa Berardi (Mine)	Final Effluent – Point A	5	5		5	
Chisel North Mine	Chisel North Mine Discharge	12	12		12	
Cigar Lake Project	Station 2.2	7	6		6	
Clavos Mine	Clavos Mine Drainage Area	6	4		4	
Clavos Mine	Sediment Pond	0				
Con Mine	Surveillance Network Program Station 40-1	3	3		3	3
Copper Cliff Complex	Copper Cliff Wastewater Treatment Plant	12	4		4	
Copper Cliff Complex	Nolin Creek Spillway	0				
Copper Cliff Complex	Nolin Creek Wastewater Treatment Plant	8	3		3	
Copper Rand (Mine)	Point #2.1c	12	4		4	
Crean Hill Mine	Crean Hill Mine	2	1		1	
Croinor (Mine)	Final Effluent	0				
Doyon	Pond A (D-203)	12	4		4	
Duck Pond Mine	Polishing Pond Effluent	9	10	1	10	
Duck Pond Mine	Temporary Settling Pond Effluent	0				
Eagle River Mill	Eagle River Mill	6	6		6	
Eagle River Mine	FDP 1	12	12		12	
East Amphi (Project)	Final Effluent EF-EA	0				
Endako Mines	En.A1 – Tailings Pond 1 South	12	4		4	
Endako Mines	En.H1 – Tailings Pond 2 Higginbotham	12	4		4	
Endako Mines	En.N1 – Tailings Pond 1 North	12	4		4	
Endako Mines	En.S2 – Tailings Pond 2 South	12	4		4	
Endako Mines	En.SBC – Endako Pit	12	4		4	
Endako Mines	En.W2 – Denak West Pit	0				
Eskay Creek Mine	Es.D7 – Treatment Pond Discharge Point	12	6		6	
Eskay Creek Mine	Es.TM1 – Tom MacKay Discharge Point	12	4		4	
Eskay Creek Mine	Es.W20 – Albino Discharge Point	10	9	1	9	
Fabie (Mine)	V-notch	1	1		1	
Flin Flon Complex	North Weir Discharge	12	12		12	4
Garson Mine	Garson Mine	12	4		4	
Géant Dormant (Mine)	GD-E01 Final Effluent – Minewater Pond	12	4		4	

**Table D2: Performance Summary for Mines Subject to the MMER in 2007:
Rainbow Trout (RT) Acute Lethality and *Daphnia magna* (DM)
Monitoring Tests (cont'd)**

Site Identification		Number of Months of Discharge	RT Total	RT Fail	DM Total	DM Fail
Mine/Mill Name	Effluent Discharge Name					
Géant Dormant (Mine)	GD-E02 Final Effluent – Lamellar Clarifier	0				
Géant Dormant (Mine)	GD-E03, Polishing Pond 2A	5	5		5	
Giant Mine	Surveillance Network Program Station 43-1	3	2		2	
Golden Giant Mine	Effluent Treatment Plant Final Effluent	0				
Golden Giant Mine	Sedimentation Pond Effluent	9	9		9	
Goldex (Mine)	Final Effluent	8	6		6	
Goldex (Mine)	Final Effluent – Shaft No. 2	5	1		1	
Haley Plant	FDP 1	12	17	4	17	
Hislop Mine	Sedimentation Pond	1	1		1	
Holloway Mine	Final Discharge Point	4	4		4	
Horne (Smelter)	Final Effluent – Pelletier Sector	1	1		1	
Huckleberry Mine	Hu.EZDD – East Zone Diversion Ditch	0				
Huckleberry Mine	Hu.SC3 – Sediment Control Structure 3	12	4		4	1
Huckleberry Mine	Hu.SC4 – Sediment Control Structure 4	11	4		4	1
Huckleberry Mine	Hu.TMF2 – Tailings Management Facility 2 Supernatant	12	9		9	
Iron Ore Company of Canada – Carol Project	Beaver Bay Discharge	11	4		4	
Iron Ore Company of Canada – Carol Project	Hakim Culvert	2	1		1	
Iron Ore Company of Canada – Carol Project	Main Tailings Discharge	11	4		4	
Iron Ore Company of Canada – Carol Project	MD5	7	7		7	
Iron Ore Company of Canada – Carol Project	Old Tailings Pumphouse Discharge	11	4		4	
Iron Ore Company of Canada – Carol Project	Ore Car Flume	6	1		1	
Island Gold Project	IG-2	7	8		8	
Joe Mann	Point #10	12	4		4	
Kemess South Mine	KS.WQ14 – Runoff	12	8		7	
Kemess South Mine	KS.WQBLX – Sedimentation Pond Decant	7	5		5	
Key Lake Operation	Station 1.2 – Dewatering Discharge to Horsefly Lake	12	4		4	
Key Lake Operation	Station 1.4 – Mill Effluent to Wolf Lake	12	4		4	
Kidd Metallurgical Division	Final Effluent Monitoring Point	12	16	3	16	2
Kidd Mining Division	Treatment Pond Final Effluent	12	10		10	
Kiena (Mine)	Final Effluent	6	6		6	
Konuto Lake Mine	Surface Sump Discharge	0				
Lac des Iles Mine	FDP 1	7	8		8	
Langlois (Mine)	Main Final Effluent	10	11	1	10	
Lapa (Project)	Final Effluent – Sedimentation Pond	11	9		9	
Laronde (Mine)	Final Effluent 3A	12	12		12	

Table D2: Performance Summary for Mines Subject to the MMER in 2007: Rainbow Trout (RT) Acute Lethality and *Daphnia magna* (DM) Monitoring Tests (cont'd)

Site Identification		Number of Months of Discharge	RT Total	RT Fail	DM Total	DM Fail
Mine/Mill Name	Effluent Discharge Name					
Lockerby Mine	Number 4 Pond Effluent	12	4		4	
Louvicourt (Mine)	Polishing Pond – Final Effluent (EF-BP)	0				
Louvicourt (Mine)	Pit No. 3	0				
Lupin Operations	Lupin Discharge Syphons SNP 925-10	0				
Macassa Mine	C Dam	12	12		12	
Magnacon Mine (part of Eagle River Mill)	Magnacon Mine	0				
Malartic (Mill)	Final Effluent E1	5	4		4	
Matagami (Mine) / Xstrata Zinc Canada Division	WLD	12	4		4	
MAX Molybdenum Mine and Mill	MM.SiteD – Mine Portal Settling Pond	9	9		9	
MAX Molybdenum Mine and Mill	MM.SiteI – Settling Ponds Decant	5	3		3	
McAlpine Mill	Polishing Pond	12	4		4	
McArthur River Operation	Station 2.1	12	6		6	1
McArthur River Operation	Station 2.1B	0				
McArthur River Operation	Station 2.7	0				
McClellan Lake Operation	CM01-B (JEB Water Treatment Plant)	11	4		4	
McClellan Lake Operation	CM03	0				
McClellan Lake Operation	SC01 (SUE Water Treatment Plant Effluent)	12	4		4	
Minto Project	Mi.W3 – Runoff Main Water Dam	11	11		11	
Mishi Pit (part of Eagle River Mill)	Mishi Pit	3	3		3	
Montcalm Project	Montcalm Final Effluent	11	12		12	
Mont-Wright (Mine)	Point HS-1	12	5		5	
Mont-Wright (Mine)	Point MS-2	6	5		5	
Mouska (Mine)	Final Effluent	12	4		4	
Musselwhite Mine	FDP 1	6	6		6	
Myra Falls Operations	MF.11A – Runoff Myra Ponds Effluent	12	4		4	1
Nanisivik Mine	Twin Lakes Creek Discharge (159-4)	0				
New Britannia Mine	SWM03 (Birch Lake Outlet Embankment Decant Discharge)	1	1		1	
Niobec (Mine)	Final Effluent	12	4		4	1
Nugget Pond Mine	Polishing Pond Effluent	8	10		10	
Podolsky Mine	Norman North Bog Outlet	1	1		1	
Porcupine Joint Venture / Porcupine Gold Mines	Mine Effluent Treatment Plant – Dome Mine	5	7	1	7	1
Porcupine Joint Venture / Porcupine Gold Mines	Mine Water Storage Pond – Dome Mine	12	5		5	
Porcupine Joint Venture / Porcupine Gold Mines	Owl Creek Discharge 1	6	6		6	
Porcupine Joint Venture / Porcupine Gold Mines	Owl Creek Discharge 2	1				

Table D2: Performance Summary for Mines Subject to the MMER in 2007: Rainbow Trout (RT) Acute Lethality and *Daphnia magna* (DM) Monitoring Tests (cont'd)

Site Identification		Number of Months of Discharge	RT Total	RT Fail	DM Total	DM Fail
Mine/Mill Name	Effluent Discharge Name					
Porcupine Joint Venture / Porcupine Gold Mines	Pamour Mine Water	12	10		10	
Principale (Camchib)	Point 20	0				
Rabbit Lake Operation	Station 2.3.3	12	4		4	
Raglan (Mine)	DIR-HSA	0				
Raglan (Mine)	DIR-SPOON	0				
Raglan (Mine)	DIR-UT	5	5		5	
Raglan (Mine)	DIR-Z3	8	7		7	3
Red Lake Mine	G1	1	2		2	
Red Lake Mine	G2	5	5		5	
Red Lake Mine	Shaft 3 Mine Water Settling Pond	0				
Redstone Mine	RSD-2	8	10	2	10	1
Restigouche Mine	Mixing Structure Discharge	2	2		2	
Rice Lake Gold Mine	FDP1 – End of Pipe	3	2		2	
Santoy 7 Mine	Santoy 7 Settling Pond	3	5	4	5	
Scozinc Mine	Polishing Pond Outlet	4	4		4	3
Seabee Mine	Final Discharge Point 1.2	12	4		4	1
Seabee Mine	Final Discharge Point 1.3	0				
Seabee Mine	Final Discharge Point 1.5	3	4	2	4	
Sigma	Final Effluent EFF1	3	2		2	
Snow Lake Mill	Anderson Lake Discharge	5	4		4	
Stock Mine and Mill Complex	Direct Tailings Pond Effluent	0				
Stock Mine and Mill Complex	Polishing Pond Effluent	9	9		9	
Strathcona Tailings Treatment System	Fecunis RR Bridge	12	4		4	
Tanco Mine	East Discharge (Phreatic Flow)	0				
Tanco Mine	West Discharge (Compliance Point)	12	8		8	
Thompson Complex	Misery Weir	12	4		4	
Thompson Complex	Station B	12	4		4	
Tio (Mine)	South Switch	12	11		11	
Tio (Mine)	Lake 211.4	8	7		7	
Tio (Mine)	Grondin Lake	0				
Tio (Mine)	Resurgence Leo	12	12		12	3
Totten Mine	Totten Discharge	4	4		4	
Troilus	BS-1	9	6		6	
Troilus	BS-2	10	3		3	
Troilus	PR-1	12	3		3	
Troilus	PR-2	12	4		4	
Troilus	PR-5	10	3		3	
Troilus	PR-6	12	4		4	

**Table D2: Performance Summary for Mines Subject to the MMER in 2007:
Rainbow Trout (RT) Acute Lethality and *Daphnia magna* (DM)
Monitoring Tests (cont'd)**

Site Identification		Number of Months of Discharge	RT Total	RT Fail	DM Total	DM Fail
Mine/Mill Name	Effluent Discharge Name					
Troilus	PR-7	12	4		4	
Trout Lake Mine	Trout Lake Surface Sump Discharge	12	11		11	9
Voisey's Bay Mine – Mill	Port Site Sediment Pond	0				
Voisey's Bay Mine – Mill	Sedimentation Pond A Discharge	0				
Voisey's Bay Mine – Mill	Sedimentation Pond B	0				
Voisey's Bay Mine – Mill	South of Ovoid Final Discharge Point	1	1		1	
Voisey's Bay Mine – Mill	South Sedimentation Pond	0				
Voisey's Bay Mine – Mill	Treated Effluent Final Discharge Point	12	16	2	16	11
Wabush Mines Joint Venture – Scully Mine	East Pit Dewatering East	10	10		10	
Wabush Mines Joint Venture – Scully Mine	East Pit No. 1 Dewatering	0				
Wabush Mines Joint Venture – Scully Mine	East Pit No. 2 Dewatering	12	4		4	
Wabush Mines Joint Venture – Scully Mine	Knoll Lake Inflow	12	4		4	
Wabush Mines Joint Venture – Scully Mine	Loadout Ditch Discharge	4	6	2	6	2
Wabush Mines Joint Venture – Scully Mine	Shops East Discharge	0				
Wabush Mines Joint Venture – Scully Mine	Shops South Discharge	0				
Wabush Mines Joint Venture – Scully Mine	Tailings Discharge	12	4		4	
Wabush Mines Joint Venture – Scully Mine	Tailings Line Emergency Dump Basin 1	0				
Wabush Mines Joint Venture – Scully Mine	West Pit Extension Settling Basin	12	4		4	1
Williams Mine	Polishing Pond Discharge CP 400	0				
Williams Mine	Stormwater Pond CP 102	5	5		5	
Williams Mine	Stormwater Pond CP 0300	2	2		2	
Williams Mine	Stormwater Pond CP 400A	12	4		4	
Williams Mine	Treated Effluent CP 0201	0				
Summary			763	23	760	55

Appendix E: Effluent Quality Data for Mines in 2007

Note to Readers

The tables presented in this appendix show the summary of the monthly monitoring results of each final discharge point identified pursuant to sections 9 and 10 of the *Metal Mining Effluent Regulations* (MMER). Effluent results were provided to Environment Canada pursuant to section 22 of the Regulations, which requires mines to submit annual reports to Environment Canada. The format for these reports is specified in Schedule 6 of the Regulations. Data are presented as provided by the owners or operators of the mines except where comments indicate that some data were added for completeness based on quarterly reports.

Supporting information includes:

- Mine/Mill Name
- Mine/Mill Operator Name
- Mine/Mill Product(s)
- Mine/Mill Address
- Identification of Final Effluent Discharge Point
- Parameter Limits
- Monthly Mean Concentrations of the Deleterious Substances
- Monthly pH Range (Low and High)
- Monthly Effluent Volume
- Results of Rainbow Trout Acute Lethality Tests
- Results of *Daphnia magna* Monitoring Tests
- Comments (if applicable)

Highlighted data indicate that a Monthly Effluent Quality Standard was exceeded for a given month. A “Pass” for the rainbow trout acute lethality test and the *Daphnia magna* monitoring test indicates that the percentage of mortality was less than or equal to 50%. A “Fail” indicates that the percentage of mortality was greater than 50%. Tables are sorted in alphabetical order based on mine/mill name.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Beaufor												
Operator Name	Mines Richmond Inc.												
Product(s)	Gold												
Address	776 Perron Road, Val-Senneville, Quebec J0Y 2P0												
Effluent Discharge Point	Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0005	0.0010	0.0005	0.0005	NMR	0.0005	0.0005	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	0.0130	0.0137	0.0100	0.0090	0.0125	0.0075	0.0112	0.0045	0.0048	0.0058	0.0066	0.0097
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0005	0.0005	0.0030	0.0010	NMR	0.0005	0.0005	NMR	0.0020	NMR	NMR
Ni (mg/L)	0.5	0.0200	0.0100	0.0400	0.0050	NMR	NMR	0.0030	0.0020	0.0010	0.0017	NMR	NMR
Zn (mg/L)	0.5	0.0050	0.0075	0.0100	0.0060	0.0088	0.0262	0.0094	0.0057	0.0015	0.0104	0.0060	0.0184
TSS (mg/L)	15	2.80	2.75	7.00	6.60	3.75	3.00	3.80	5.75	4.75	2.80	6.25	2.25
Ra-226 (Bq/L)	0.37	0.0110	NMR	NMR	-	-	-	0.0010	NMR	NMR	0.0010	NMR	NMR
pH low	≥6.0	7.6	7.7	7.4	7.6	7.8	8.1	7.5	8.3	7.5	7.6	7.3	7.3
pH high	≤9.5	8.0	7.9	7.6	7.9	8.1	8.3	8.3	8.4	8.2	8.0	7.8	7.9
Flow (m ³ /month)	—	22 088	14 838	20 691	22 231	19 586	16 794	20 329	11 495	16 934	14 954	8 640	17 465
Rainbow Trout	Pass	1	2	1	1	1	NMR	1	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	2	1	1	1	NMR	1	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No radium 226 test result was provided for the second quarter.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Birchtree Mine												
Operator Name	Vale Inco Ltd.												
Product(s)	Nickel-Copper												
Address	P.O. Box 5000, Thompson, Manitoba R8N 1P3												
Effluent Discharge Point	Birchtree Effluent Treatment Plant												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0113	0.0141	0.0133	0.0113	0.0113	0.0121	0.0126	0.0117	0.0078	0.0101	0.0106	0.0095
Cu (mg/L)	0.3	0.0350	0.0167	0.0188	0.0188	0.0222	0.0253	0.0283	0.0330	0.0195	0.0188	0.0280	0.0170
CN (mg/L)	1.0	NMR	0.0180	NMR	NMR	0.0060	NMR	0.0080	0.0010	NMR	NMR	0.0010	NMR
Pb (mg/L)	0.2	0.0180	0.0125	0.0113	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Ni (mg/L)	0.5	0.2960	0.2733	0.2125	0.1850	0.2680	0.2175	0.2525	0.2180	0.3500	0.2800	0.2875	0.1550
Zn (mg/L)	0.5	0.0700	0.0400	0.0463	0.0238	0.0422	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0088
TSS (mg/L)	15	0.80	3.00	1.75	1.35	4.68	6.70	5.50	6.40	3.90	4.80	3.50	4.50
Ra-226 (Bq/L)	0.37	NMR	0.2700	NMR	NMR	0.2600	NMR	0.3000	0.0025	NMR	NMR	0.1100	NMR
pH low	≥6.0	7.2	7.0	7.2	7.1	7.3	7.4	7.2	7.0	6.9	7.0	6.3	7.1
pH high	≤9.5	7.7	7.6	7.8	7.9	7.6	7.6	7.6	7.5	7.5	7.6	7.1	7.8
Flow (m ³ /month)	—	23 337	15 210	14 136	33 899	26 719	24 820	24 192	26 112	26 150	25 962	20 970	26 292
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	-	NMR	NMR	1	NMR	NMR	-	NMR	NMR	1	NMR
Monitoring Test	Fail	-	1	-	-	-	-	-	1	-	-	-	-
Comments:	As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Bouchard-Hébert (Mine)												
Operator Name	Ressources Breakwater Ltée												
Product(s)	Zinc-Copper-Gold-Silver												
Address	596 Rang des Ponts, Cléricy, Quebec J0Z 1P0												
Effluent Discharge Point	Polishing Pond – Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0007	ND	ND	ND	0.0005	0.0005	0.0005	0.0133	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0210	ND	ND	ND	0.0130	0.0200	0.0172	0.0288	ND
CN (mg/L)	1.0	ND	ND	ND	NMR	ND	ND	ND	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0025	ND	ND	ND	0.0005	0.0010	0.0008	0.0054	ND
Ni (mg/L)	0.5	ND	ND	ND	0.0403	ND	ND	ND	0.0480	0.0560	0.0352	0.0480	ND
Zn (mg/L)	0.5	ND	ND	ND	0.1703	ND	ND	ND	0.0045	0.0220	0.0634	0.1245	ND
TSS (mg/L)	15	ND	ND	ND	1.26	ND	ND	ND	0.80	0.80	1.72	1.05	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	0.0070	ND	ND	ND	0.0060	NMR	-	-	ND
pH low	≥6.0	ND	ND	ND	7.2	ND	ND	ND	7.8	7.9	7.5	7.3	ND
pH high	≤9.5	ND	ND	ND	7.2	ND	ND	ND	7.8	7.9	7.9	7.6	ND
Flow (m ³ /month)	—	ND	ND	ND	72 431	ND	ND	ND	9 798	18 450	225 198	119 615	ND
Rainbow Trout	Pass	ND	ND	ND	1	ND	ND	ND	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	ND	ND	ND	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No radium 226 test result was provided for the second quarter.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Brunswick No. 12												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation – Xstrata Zinc Canada Division												
Product(s)	Lead-Zinc-Copper-Silver												
Address	P.O. Box 3000, Bathurst, New Brunswick E2A 3Z8												
Effluent Discharge Point	3333 Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0030	0.0043	0.0030	0.0027	0.0023	0.0115	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200
Cu (mg/L)	0.3	0.0200	0.0200	0.0200	0.0158	0.0128	0.0150	0.0088	0.0088	0.0083	0.0100	0.0125	0.0063
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0050	0.0050	0.0050	0.0045	0.0050	0.0075	0.0150	0.0150	0.0133	0.0120	0.0106	0.0225
Ni (mg/L)	0.5	0.0300	0.0300	0.0300	0.0229	0.0164	0.0200	0.0100	0.0100	0.0100	0.0120	0.0100	0.0150
Zn (mg/L)	0.5	0.1700	0.2625	0.3710	0.1725	0.1373	0.0565	0.1100	0.1000	0.0933	0.1220	0.2200	0.2225
TSS (mg/L)	15	1.56	2.95	3.15	3.50	3.30	3.03	3.25	2.18	5.03	5.88	2.50	2.95
Ra-226 (Bq/L)	0.37	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR
pH low	≥6.0	8.0	9.0	8.8	8.5	8.4	8.5	8.7	8.4	8.7	8.3	8.5	9.0
pH high	≤9.5	9.3	9.1	9.0	8.9	8.9	9.0	8.9	9.1	8.9	8.8	9.1	9.1
Flow (m ³ /month)	—	787 204	552 865	1 439 759	1 352 598	648 130	553 095	717 968	961 000	488 883	751 491	1 124 236	655 277
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	-	1	-	1	1	1	1	1	1	1	-
Monitoring Test	Fail	-	1	-	1	-	-	-	-	-	-	-	1

Comments: As of August 21, 2006, the ownership of Brunswick No. 12 Mine has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation. Effective October 22, 2007, Falconbridge Ltd. changed its name to Xstrata Canada Corporation – Xstrata Zinc Canada Division.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Camflo (Mill)												
Operator Name	Mines Richmond Inc.												
Product(s)	Gold												
Address	100 Road 17, P.O. Box 640, Malartic, Quebec J0Y 1Z0												
Effluent Discharge Point	Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	NMR	NMR	NMR	0.0005	0.0030	NMR	0.0030	NMR	0.0020	NMR	NMR
Cu (mg/L)	0.3	0.0200	0.0150	0.0275	0.0088	0.0090	0.0188	0.0096	0.0060	0.0263	0.0450	0.0071	0.0099
CN (mg/L)	1.0	0.0870	0.0848	0.0978	0.0243	0.0084	0.0210	0.0237	0.0335	0.0440	0.0394	0.0513	0.0855
Pb (mg/L)	0.2	0.0030	NMR	NMR	NMR	0.0050	0.0005	NMR	0.0020	NMR	0.0005	NMR	NMR
Ni (mg/L)	0.5	0.0280	0.0475	0.0200	0.0113	0.0090	0.0150	0.0122	0.0048	0.0175	0.0314	0.0078	0.0083
Zn (mg/L)	0.5	0.0050	NMR	NMR	NMR	0.0050	0.0200	NMR	0.0130	NMR	0.0058	NMR	0.0005
TSS (mg/L)	15	7.60	10.25	9.00	16.25	12.80	13.25	14.20	8.75	7.00	16.80	9.00	9.50
Ra-226 (Bq/L)	0.37	0.0150	NMR	NMR	NMR	0.0050	NMR	NMR	0.0010	NMR	0.0010	NMR	NMR
pH low	≥6.0	7.0	7.0	7.0	7.2	7.5	7.6	7.3	7.5	7.3	7.4	6.5	7.1
pH high	≤9.5	7.3	7.4	7.5	7.4	7.9	8.1	7.8	7.8	8.1	8.2	7.3	7.4
Flow (m ³ /month)	—	16 785	2 520	9 709	43 200	160 079	84 132	22 677	10 825	31 860	50 622	15 228	11 830
Rainbow Trout	Pass	1	NMR	NMR	NMR	1	1	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	NMR	1	1	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	1	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Campbell Mine												
Operator Name	Goldcorp Inc.												
Product(s)	Gold												
Address	P.O. Box 10, 10 Mine Road, Balmertown, Ontario P0V 1C0												
Effluent Discharge Point	WETOUT												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0170	0.0207	0.0284	0.0242	0.0199	0.0153	0.0151	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0091	0.0119	0.0099	0.0076	0.0070	0.0047	0.0057	ND
CN (mg/L)	1.0	ND	ND	ND	ND	0.0158	0.0298	0.0421	0.0288	0.0220	0.0380	0.0589	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0004	0.0003	0.0003	0.0003	0.0005	0.0003	0.0018	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0748	0.0821	0.0838	0.1003	0.1276	0.0933	0.0799	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0231	0.0292	0.0315	0.0207	0.0325	0.0314	0.0200	ND
TSS (mg/L)	15	ND	ND	ND	ND	1.38	1.38	1.77	1.00	1.08	1.28	1.90	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0025	0.0025	0.0060	0.0025	0.0100	0.0025	0.0100	ND
pH low	≥6.0	ND	ND	ND	ND	7.1	6.8	7.0	7.1	6.3	6.7	6.7	ND
pH high	≤9.5	ND	ND	ND	ND	8.0	7.8	7.8	7.5	7.7	7.5	7.5	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	236 002	252 327	280 969	261 547	315 159	575 280	212 465	ND
Rainbow Trout	Pass	ND	ND	ND	ND	2	1	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	2	1	1	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 NMR: No Measurement Required
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Cantung Mine												
Operator Name	North American Tungsten Corporation Ltd.												
Product(s)	Tungsten												
Address	P.O. Box 856, Watson Lake, Yukon Y0A 1C0												
Effluent Discharge Point	Settling Pond 5-2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0007	0.0004	0.0003	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0062	0.0061	0.0029	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	NMR	NMR	NMR	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0008	0.0007	0.0003	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	0.0014	0.0011	0.0005	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	0.0183	0.0123	0.0099	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	12.46	8.16	6.66	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	NMR	0.0008	NMR	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	7.9	7.9	8.1	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	8.2	8.1	8.2	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	848	1 800	12 368	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	-	1	1	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	-	1	1	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for April.												
Notes:	ND: No Deposit	NMR: No Measurement Required											
		Pass: ≤50% Mortality											
		Fail: >50% Mortality											
	Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.												
	A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.												

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Cantung Mine												
Operator Name	North American Tungsten Corporation Ltd.												
Product(s)	Tungsten												
Address	P.O. Box 856, Watson Lake, Yukon Y0A 1C0												
Effluent Discharge Point	4-27-2 Culvert												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0004	0.0003	0.0003	0.0003	0.0007	0.0006	0.0004	0.0004	0.0004	0.0004	0.0005	0.0004
Cu (mg/L)	0.3	0.0004	0.0002	0.0004	0.0004	0.0008	0.0007	0.0005	0.0005	0.0011	0.0005	0.0004	0.0005
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0005	0.0005	0.0009	0.0005	0.0008	0.0011	0.0010	0.0008	0.0010	0.0008	0.0005	0.0014
Zn (mg/L)	0.5	0.0036	0.0031	0.0037	0.0046	0.0040	0.0046	0.0025	0.0023	0.0042	0.0040	0.0024	0.0039
TSS (mg/L)	15	3.26	3.00	3.00	3.56	3.05	3.15	3.00	3.00	3.10	3.00	3.00	3.00
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	0.0031	0.0040	0.0055	0.0037	0.0036	0.0069
pH low	≥6.0	7.9	7.9	8.0	7.8	8.1	8.1	8.0	7.9	7.7	7.9	7.8	7.9
pH high	≤9.5	8.2	8.0	8.1	8.2	8.2	8.3	8.1	8.2	8.2	8.2	8.1	8.1
Flow (m ³ /month)	—	5 650	5 088	5 088	17 610	72 414	125 375	140 677	95 683	104 935	53 686	34 447	21 379
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	1	1	1	1	1	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No *Daphnia magna* monitoring test result was provided for December. No radium 226 test results were provided for the first and second quarters.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Cantung Mine												
Operator Name	North American Tungsten Corporation Ltd.												
Product(s)	Tungsten												
Address	P.O. Box 856, Watson Lake, Yukon Y0A 1C0												
Effluent Discharge Point	Polishing Pond Four												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0001	0.0001	0.0001	0.0002	0.0003	0.0004	0.0003	0.0003	0.0003	0.0002	0.0006	0.0003
Cu (mg/L)	0.3	0.0017	0.0007	0.0024	0.0002	0.0006	0.0002	0.0003	0.0002	0.0015	0.0005	0.0004	0.0003
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0002	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0002	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0006	0.0004	0.0009	0.0039	0.0043	0.0085	0.0078	0.0085	0.0067	0.0062	0.0083	0.0075
Zn (mg/L)	0.5	0.0096	0.0076	0.0133	0.0157	0.0190	0.0151	0.0146	0.0152	0.0170	0.0173	0.0173	0.0147
TSS (mg/L)	15	20.30	20.60	23.25	7.12	9.35	3.00	3.54	3.00	7.78	4.18	3.00	3.08
Ra-226 (Bq/L)	0.37	0.0060	0.0088	0.0055	0.0083	0.0048	0.0058	0.0065	0.0093	0.0058	0.0073	0.0106	0.0145
pH low	≥6.0	7.8	7.6	8.0	7.6	8.1	8.1	8.0	7.8	7.2	8.0	8.0	8.0
pH high	≤9.5	8.2	8.0	8.0	8.2	8.1	8.3	8.1	8.1	8.2	8.1	8.0	8.1
Flow (m ³ /month)	—	140 722	125 650	141 158	92 569	62 744	55 965	107 699	83 577	104 387	113 620	105 246	128 027
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Daphnia magna	Pass	1	1	1	1	1	1	1	1	1	1	1	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No *Daphnia magna* monitoring test result was provided for December.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Caribou Mine – Mill												
Operator Name	Blue Note Mining Inc.												
Product(s)	Zinc-Lead-Silver-Copper-Gold												
Address	9361 Route 180, P.O. Box 26, Bathurst, New Brunswick E2A 3Z1												
Effluent Discharge Point	Polishing Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	0.0018	0.0070
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	0.0088	0.0400
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	0.2230	0.9750
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	0.0124	0.0181
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	0.0035	0.0048
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	0.1335	0.0925
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	5.00	5.00
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	0.0088	0.0175
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	6.6	6.5
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	7.6	7.4
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	319 590	508 896
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on November 7, 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Casa Berardi (Mine)												
Operator Name	Mines Aurizon Ltée												
Product(s)	Gold												
Address	659 2nd Street East, La Sarre, Quebec J9Z 2Y9												
Effluent Discharge Point	Final Effluent – Point A												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.3600	ND	ND	ND	0.2532	0.1967	0.5440	0.3875	ND	ND	ND	ND
Cu (mg/L)	0.3	0.1000	ND	ND	ND	0.0440	0.0180	0.0115	0.0125	ND	ND	ND	ND
CN (mg/L)	1.0	0.2450	ND	ND	ND	0.0134	0.0073	0.0110	0.0115	ND	ND	ND	ND
Pb (mg/L)	0.2	0.0055	ND	ND	ND	0.0017	0.0013	0.0005	0.0005	ND	ND	ND	ND
Ni (mg/L)	0.5	0.0250	ND	ND	ND	0.0150	0.0207	0.0245	0.0390	ND	ND	ND	ND
Zn (mg/L)	0.5	0.0250	ND	ND	ND	0.0045	0.0045	0.0045	0.0045	ND	ND	ND	ND
TSS (mg/L)	15	1.50	ND	ND	ND	3.64	1.53	2.50	4.50	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	0.0095	ND	ND	ND	0.0070	0.0030	0.0035	0.0040	ND	ND	ND	ND
pH low	≥6.0	7.2	ND	ND	ND	7.0	7.5	7.7	7.5	ND	ND	ND	ND
pH high	≤9.5	7.7	ND	ND	ND	7.9	7.6	7.8	7.8	ND	ND	ND	ND
Flow (m ³ /month)	—	298 252	ND	ND	ND	660 855	559 896	72 055	72 872	ND	ND	ND	ND
Rainbow Trout	Pass	1	ND	ND	ND	1	1	1	1	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	ND	ND	ND	1	1	1	1	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Chisel North Mine												
Operator Name	Hudson Bay Mining and Smelting Co. Ltd.												
Product(s)	Zinc												
Address	P.O. Box 130, Snow Lake, Manitoba ROB 1M0												
Effluent Discharge Point	Chisel North Mine Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0009	0.0013	0.0010	0.0006	0.0011	0.0015	0.0007	0.0008	0.0006	0.0004	0.0008	0.0006
Cu (mg/L)	0.3	0.0070	0.0074	0.0086	0.0062	0.0081	0.0063	0.0064	0.0084	0.0065	0.0079	0.0072	0.0083
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0038	0.0040	0.0153	0.0112	0.0025	0.0097	0.0053	0.0028	0.0136	0.0068	0.0073	0.0035
Ni (mg/L)	0.5	0.0020	0.0015	0.0023	0.0009	0.0027	0.0017	0.0025	0.0021	0.0018	0.0016	0.0035	0.0047
Zn (mg/L)	0.5	0.2916	0.2871	0.2222	0.1793	0.3184	0.3449	0.2540	0.2159	0.1994	0.3272	0.3428	0.4400
TSS (mg/L)	15	2.00	1.38	1.73	0.63	2.88	1.00	2.70	3.48	2.13	3.74	1.54	1.36
Ra-226 (Bq/L)	0.37	0.0700	0.0675	0.0425	0.1000	0.0456	0.0650	0.0780	0.1250	0.0750	0.1020	0.1700	0.1833
pH low	≥6.0	8.2	8.7	8.5	8.6	8.4	8.4	8.3	8.7	8.4	8.2	7.9	8.3
pH high	≤9.5	9.0	9.2	9.0	9.1	9.0	9.1	8.9	9.2	9.1	9.0	9.1	9.3
Flow (m ³ /month)	—	90 875	66 451	72 271	69 438	96 588	72 720	56 052	89 765	72 291	49 082	51 613	55 330
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Cigar Lake Project												
Operator Name	Cameco Corporation												
Product(s)	Uranium												
Address	2121-11th Street West, Saskatoon, Saskatchewan S7M 1J3												
Effluent Discharge Point	Station 2.2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0008	0.0008	0.0011	0.0013	0.0014	0.0015	0.0007	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0050	0.0015	0.0037	0.0050	0.0013	0.0028	0.0022	ND
CN (mg/L)	1.0	ND	ND	ND	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0090	0.0004	0.0018	0.0004	0.0001	0.0003	0.0001	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0096	0.0110	0.0072	0.0045	0.0049	0.0052	0.0076	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0365	0.0415	0.0291	0.0350	0.0180	0.0825	0.0650	ND
TSS (mg/L)	15	ND	ND	ND	ND	2.00	1.92	2.11	4.00	0.50	2.00	2.16	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0038	0.0041	0.0032	0.0040	0.0060	0.0025	0.0025	ND
pH low	≥6.0	ND	ND	ND	ND	7.6	7.5	7.1	7.3	7.4	7.2	7.1	ND
pH high	≤9.5	ND	ND	ND	ND	7.6	7.8	7.8	7.4	7.4	7.4	7.3	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	8 335	20 407	28 494	8 942	2 921	11 605	8 406	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	1	1	1	1	1	NMR	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	1	1	1	1	1	NMR	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Clavos Mine												
Operator Name	St Andrew Goldfields Ltd.												
Product(s)	Gold												
Address	Finn Road, German Township, Ontario P0K 1N0												
Effluent Discharge Point	Clavos Mine Drainage Area												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.3418	0.3170	0.1263	0.1315	0.1960	0.4338	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	0.0008	0.0004	0.0028	0.0010	0.0006	0.0008	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	0.0038	0.0038	0.0038	0.0038	0.0047	0.0038	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	0.0018	0.0043	0.0068	0.0018	0.0023	0.0045	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	0.0102	0.0070	0.0055	0.0035	0.0077	0.0128	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	1.04	0.93	3.40	0.83	1.35	2.85	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	-	-	-	NMR	NMR	0.01	ND	ND	ND	ND	ND	ND
pH low	≥6.0	7.5	7.6	7.5	5.6	7.9	7.8	ND	ND	ND	ND	ND	ND
pH high	≤9.5	7.7	8.0	7.8	7.8	8.6	8.1	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	22 014	16 659	26 971	73 310	33 689	26 697	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	NMR	1	NMR	1	1	1	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	1	1	1	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No radium 226 test results were provided for the first quarter.

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Clavos Mine												
Operator Name	St Andrew Goldfields Ltd.												
Product(s)	Gold												
Address	Finn Road, German Township, Ontario P0K 1N0												
Effluent Discharge Point	Sediment Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Con Mine												
Operator Name	Miramar Mining Corporation												
Product(s)	Gold												
Address	P.O. Box 2000, Yellowknife, Northwest Territories X1A 2M1												
Effluent Discharge Point	Surveillance Network Program Station 40-1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.1191	0.1303	0.0636	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	0.0510	0.0194	0.0194	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	0.2578	0.2140	0.4060	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	0.0008	0.0005	0.0009	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.0074	0.0172	0.0280	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.0040	0.0040	0.0040	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	1.68	4.52	1.40	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	0.0075	0.0100	0.0075	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	7.1	6.8	7.2	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	7.4	7.4	7.4	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	106 438	271 088	127 876	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	1	1	1	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	-	-	-	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	1	1	1	-	-	-

Comments:

Notes: ND: No Deposit
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Copper Cliff Complex												
Operator Name	Inco Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt-Platinum												
Address	155 Balsam Street, Copper Cliff, Ontario P0M 1N0												
Effluent Discharge Point	Copper Cliff Wastewater Treatment Plant												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0020	0.0010	0.0010	0.0018	0.0042	0.0020	0.0107	0.0014	0.0013	0.0010	0.0037	0.0035
Cu (mg/L)	0.3	0.2788	0.2858	0.2055	0.2555	0.2354	0.2255	0.1717	0.1866	0.2777	0.1745	0.1547	0.2105
CN (mg/L)	1.0	0.0022	0.0055	0.0015	0.0033	0.0082	0.0345	0.0040	0.0014	0.0121	0.0010	0.0010	0.0010
Pb (mg/L)	0.2	0.0250	0.0188	0.0150	0.0350	0.0180	0.0150	0.0150	0.0150	0.0279	0.0150	0.0150	0.0150
Ni (mg/L)	0.5	0.3518	0.4605	0.2838	0.3753	0.2190	0.1240	0.1110	0.0768	1.0641	0.2115	0.1623	0.1703
Zn (mg/L)	0.5	0.1146	0.1243	0.0715	0.0945	0.0708	0.0050	0.0050	0.0050	0.0213	0.0050	0.0270	0.0260
TSS (mg/L)	15	2.56	2.15	1.30	4.95	1.60	1.50	1.80	1.36	11.83	2.40	8.20	3.45
Ra-226 (Bq/L)	0.37	0.0080	NMR	NMR	0.0090	NMR	NMR	0.0140	NMR	NMR	NMR	NMR	0.0130
pH low	≥6.0	6.4	6.5	6.5	7.0	8.4	8.4	7.3	8.3	7.9	8.0	6.8	6.9
pH high	≤9.5	7.8	7.6	8.0	8.6	8.8	8.4	8.2	8.7	9.1	8.6	8.6	7.6
Flow (m ³ /month)	—	4 104 233	3 187 478	2 736 269	1 850 931	2 321 807	1 155 958	1 616 321	2 642 167	1 392 374	828 654	1 130 867	2 878 410
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	NMR	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	NMR	1	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Copper Cliff Complex has been transferred from Inco Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Copper Cliff Complex												
Operator Name	Inco Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt-Platinum												
Address	155 Balsam Street, Copper Cliff, Ontario P0M 1N0												
Effluent Discharge Point	Nolin Creek Spillway												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Copper Cliff Complex has been transferred from Inco Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Copper Cliff Complex												
Operator Name	Inco Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt-Platinum												
Address	155 Balsam Street, Copper Cliff, Ontario P0M 1N0												
Effluent Discharge Point	Nolin Creek Wastewater Treatment Plant												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0010	0.0010	0.0010	0.0010	0.0010	ND	ND	ND	ND	0.0010	0.0013	0.0015
Cu (mg/L)	0.3	0.0398	0.0173	0.0180	0.0560	0.0147	ND	ND	ND	ND	0.0263	0.0898	0.0543
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	ND	ND	ND	ND	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0100	0.0113	0.0100	0.0125	0.0100	ND	ND	ND	ND	0.0133	0.0100	0.0100
Ni (mg/L)	0.5	0.2112	0.1988	0.2585	0.2758	0.1377	ND	ND	ND	ND	0.1340	0.4418	0.2603
Zn (mg/L)	0.5	0.0138	0.0508	0.0593	0.0306	0.0137	ND	ND	ND	ND	0.0050	0.0058	0.0088
TSS (mg/L)	15	1.20	1.80	2.95	1.25	1.00	ND	ND	ND	ND	1.00	9.40	2.10
Ra-226 (Bq/L)	0.37	0.0080	NMR	NMR	0.0160	NMR	ND	ND	ND	ND	0.0100	NMR	0.0070
pH low	≥6.0	8.2	6.7	7.4	8.0	8.2	ND	ND	ND	ND	7.9	7.8	7.4
pH high	≤9.5	8.7	8.8	8.8	8.3	8.3	ND	ND	ND	ND	8.5	8.3	8.0
Flow (m ³ /month)	—	701 871	120 176	241 924	555 090	382 445	ND	ND	ND	ND	234 566	281 160	230 299
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	ND	ND	ND	ND	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	ND	ND	ND	ND	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Copper Cliff Complex has been transferred from Inco Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Copper Rand (Mine)												
Operator Name	Ressources MSV Inc.												
Product(s)	Copper-Gold-Silver												
Address	P.O. Box 400, Chibougamau, Quebec G8P 2X8												
Effluent Discharge Point	Point #2.1c												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0060	NMR	NMR	NMR	NMR	0.0040	NMR	0.0005	NMR	0.0020	NMR	0.0008
Cu (mg/L)	0.3	0.0190	0.0200	0.0138	0.0060	0.1688	0.0088	0.0040	0.0038	0.0056	0.0090	0.0090	0.0066
CN (mg/L)	1.0	0.0130	NMR	NMR	NMR	NMR	0.0230	NMR	0.0060	NMR	0.0025	NMR	NMR
Pb (mg/L)	0.2	0.0005	NMR	NMR	NMR	NMR	0.0005	NMR	0.0005	NMR	0.0005	NMR	0.0020
Ni (mg/L)	0.5	0.0300	NMR	NMR	NMR	NMR	0.0050	NMR	0.0020	NMR	0.0060	NMR	0.0046
Zn (mg/L)	0.5	0.0050	NMR	NMR	NMR	NMR	0.0050	NMR	0.0005	NMR	0.0005	NMR	0.0030
TSS (mg/L)	15	2.20	2.50	1.00	1.60	3.75	3.50	3.40	2.25	2.50	5.60	6.00	2.20
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	NMR	NMR	0.0060	NMR	0.0010	NMR	0.0050	NMR	NMR
pH low	≥6.0	7.0	7.3	7.7	7.7	7.8	7.9	7.5	7.8	7.7	7.8	7.8	6.9
pH high	≤9.5	7.7	7.9	8.0	8.0	7.9	8.2	8.1	8.3	8.0	8.0	8.0	8.0
Flow (m ³ /month)	—	175 423	94 178	62 132	189 720	289 632	194 839	136 363	124 512	216 135	254 454	135 458	158 714
Rainbow Trout	Pass	1	NMR	NMR	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Crean Hill Mine												
Operator Name	Inco Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt-Platinum												
Address	410 Crean Hill Road, Walden, Ontario P0M 1N0												
Effluent Discharge Point	Crean Hill Mine												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0018	0.0010	ND	-	-	-	-	-	-	-	-	-
Cu (mg/L)	0.3	0.0156	0.0090	ND	-	-	-	-	-	-	-	-	-
CN (mg/L)	1.0	NMR	NMR	ND	-	-	-	-	-	-	-	-	-
Pb (mg/L)	0.2	0.0150	0.0150	ND	-	-	-	-	-	-	-	-	-
Ni (mg/L)	0.5	0.2224	0.2060	ND	-	-	-	-	-	-	-	-	-
Zn (mg/L)	0.5	0.0074	0.0050	ND	-	-	-	-	-	-	-	-	-
TSS (mg/L)	15	3.28	2.80	ND	-	-	-	-	-	-	-	-	-
Ra-226 (Bq/L)	0.37	0.0110	NMR	ND	-	-	-	-	-	-	-	-	-
pH low	≥6.0	7.3	7.9	ND	-	-	-	-	-	-	-	-	-
pH high	≤9.5	8.6	7.9	ND	-	-	-	-	-	-	-	-	-
Flow (m ³ /month)	—	27 528	12 602	ND	-	-	-	-	-	-	-	-	-
Rainbow Trout	Pass	1	NMR	ND	-	-	-	-	-	-	-	-	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	ND	-	-	-	-	-	-	-	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of January 8, 2007, the ownership of Crean Hill Mine has been transferred from Inco Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd. As of March 4, 2007, the mine has received "Recognized Closed Mine Status" and therefore is no longer subject to the MMER.												
Notes: ND: No Deposit	NMR: No Measurement Required			Pass: ≤50% Mortality				Fail: >50% Mortality					
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month. A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Croinoir (Mine)												
Operator Name	Exploration Malartic-Sud Inc. – Ressources X-Ore Inc.												
Product(s)	Gold												
Address	1745 Sullivan Road, Suite 200, Val-d'Or, Quebec J9P 1M8												
Effluent Discharge Point	Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of June 8, 2007, the company name changed from Exploration Malartic-Sud Inc. to Ressources X-Ore Inc.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Doyon												
Operator Name	Gestion Iamgold-Québec Inc.												
Product(s)	Gold												
Address	P.O. Box 970, Rouyn-Noranda, Quebec J9X 5C8												
Effluent Discharge Point	Pond A (D-203)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	NMR	0.0005	0.0005	NMR	NMR	0.0010	NMR	NMR	NMR	NMR	0.0019
Cu (mg/L)	0.3	0.0440	0.0250	0.0325	0.0265	0.0278	0.0253	0.0430	0.0683	0.0420	0.0300	0.0397	0.0074
CN (mg/L)	1.0	0.0069	0.0101	0.0163	0.0120	0.0084	0.1151	0.0160	0.0350	0.0088	0.0070	0.0187	0.0050
Pb (mg/L)	0.2	0.0005	NMR	NMR	0.0030	NMR	NMR	0.0005	NMR	NMR	NMR	NMR	0.0001
Ni (mg/L)	0.5	0.0560	0.0575	0.0400	0.0648	0.0632	0.0648	0.0628	0.0718	0.0640	0.0470	0.0603	0.0025
Zn (mg/L)	0.5	0.0050	NMR	NMR	0.0210	NMR	NMR	0.0270	NMR	NMR	NMR	NMR	0.0045
TSS (mg/L)	15	9.00	6.50	8.00	6.90	3.32	5.60	4.32	3.90	5.45	4.60	5.00	4.95
Ra-226 (Bq/L)	0.37	0.0080	NMR	NMR	0.0070	NMR	NMR	0.0050	NMR	NMR	NMR	NMR	0.009
pH low	≥6.0	6.6	6.6	6.5	6.2	6.3	6.7	6.1	6.6	7.2	7.9	6.5	6.2
pH high	≤9.5	6.9	7.4	8.2	8.3	8.2	8.3	8.3	7.8	7.7	7.9	7.0	7.4
Flow (m ³ /month)	—	262 288	181 812	311 560	654 428	537 970	342 514	362 133	406 511	346 816	1 646	277 578	20 733
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Duck Pond Mine												
Operator Name	Aur Resources Inc. / Teck Cominco Ltd.												
Product(s)	Copper-Zinc-Silver-Gold												
Address	30-32 Route 370, Box 9, Millertown, Newfoundland and Labrador A0H 1V0												
Effluent Discharge Point	Polishing Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	0.0040	0.0040	0.0040	0.0040	0.0053	0.0040	0.0062	0.0053	0.0057
Cu (mg/L)	0.3	-	-	-	0.0013	0.0013	0.0005	0.0333	0.0280	0.0273	0.0354	0.0178	0.0223
CN (mg/L)	1.0	-	-	-	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Pb (mg/L)	0.2	-	-	-	0.0025	0.0058	0.0025	0.0470	0.0188	0.0163	0.0172	0.0233	0.0200
Ni (mg/L)	0.5	-	-	-	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
Zn (mg/L)	0.5	-	-	-	0.0150	0.0050	0.0050	0.0833	0.0475	0.0375	0.0620	0.0725	0.0833
TSS (mg/L)	15	-	-	-	6.50	6.50	6.00	2.33	1.00	2.00	1.20	2.00	1.00
Ra-226 (Bq/L)	0.37	-	-	-	0.0050	0.0050	0.0050	0.0100	0.0050	NMR	0.0100	0.0200	NMR
pH low	≥6.0	-	-	-	7.1	7.4	7.1	7.4	7.7	7.4	7.3	7.2	7.5
pH high	≤9.5	-	-	-	7.4	7.5	7.1	7.9	7.9	7.9	7.6	7.7	7.7
Flow (m ³ /month)	—	-	-	-	94 633	59 389	29 947	360 821	606 012	616 564	553 419	604 246	88 075
Rainbow Trout	Pass	-	-	-	1	-	-	3	1	1	2	1	-
Acute Lethality Test	Fail	-	-	-	1	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	1	1	-	3	1	1	2	1	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	This new final discharge point became subject to the MMER in April 2007. In August 2007, the ownership of Duck Pond Mine changed from Aur Resources Inc. to Teck Cominco Ltd. No toxicity test results were provided for June and December.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Duck Pond Mine												
Operator Name	Aur Resources Inc. / Teck Cominco Ltd.												
Product(s)	Copper-Zinc-Silver-Gold												
Address	30-32 Route 370, Box 9, Millertown, Newfoundland and Labrador A0H 1V0												
Effluent Discharge Point	Temporary Settling Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	In August 2007, the ownership of Duck Pond Mine changed from Aur Resources Inc. to Teck Cominco Ltd.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Eagle River Mill												
Operator Name	Wesdome Gold Mines Ltd.												
Product(s)	Gold												
Address	93 Mission Road, P.O. Box 1520, Wawa, Ontario P0S 1K0												
Effluent Discharge Point	Eagle River Mill												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	0.0533	0.0375	0.0310	0.0300	0.0194	0.0120	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	0.0803	0.0810	0.0460	0.0553	0.0388	0.0190	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	0.3367	0.0835	0.0448	0.0703	0.1622	0.0890	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	0.0020	0.0010	0.0005	0.0006	0.0006	0.0005	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	0.0180	0.0235	0.0156	0.0170	0.0100	0.0090	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	0.0107	0.0148	0.0072	0.0054	0.0054	0.0040	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	2.66	2.91	1.30	0.81	0.95	0.25	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	0.0050	0.0050	NMR	0.0050	0.0050	NMR	ND
pH low	≥6.0	ND	ND	ND	ND	ND	6.8	7.1	7.2	7.2	7.4	7.5	ND
pH high	≤9.5	ND	ND	ND	ND	ND	7.6	7.3	7.5	7.6	7.7	7.5	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	18	73	75	128	758	21	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	1	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	1	1	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Eagle River Mine												
Operator Name	Wesdome Gold Mines Ltd.												
Product(s)	Gold												
Address	93 Mission Road, P.O. Box 1520, Wawa, Ontario P0S 1K0												
Effluent Discharge Point	FDP 1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0010	0.0005	0.0005	0.0005	0.0011	0.0005	0.0008	0.0006	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	0.0038	0.0035	0.0043	0.0043	0.0027	0.0030	0.0028	0.0044	0.0040	0.0044	0.0055	0.0045
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0005	0.0010	0.0009	0.0005	0.0005	0.0011	0.0005	0.0010	0.0005	0.0008	0.0005
Ni (mg/L)	0.5	0.0066	0.0065	0.0051	0.0043	0.0040	0.0043	0.0053	0.0046	0.0070	0.0060	0.0053	0.0065
Zn (mg/L)	0.5	0.0028	0.0095	0.0110	0.0113	0.0060	0.0070	0.0054	0.0046	0.0055	0.0064	0.0108	0.0138
TSS (mg/L)	15	0.65	0.39	3.63	2.88	3.40	3.00	1.56	0.75	4.88	3.05	4.50	0.88
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	0.0050	NMR	0.0050	NMR	NMR
pH low	≥6.0	6.8	6.9	6.9	6.7	7.0	6.5	6.7	6.9	6.6	7.0	6.6	7.0
pH high	≤9.5	7.3	7.2	7.5	7.2	7.4	7.0	7.1	7.0	6.9	7.6	7.2	7.1
Flow (m ³ /month)	—	13 082	10 612	13 082	29 100	18 972	13 770	15 469	16 709	32 070	29 512	18 810	17 422
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	East Amphi (Project)												
Operator Name	Mines Richmond Inc.												
Product(s)	Gold												
Address	1001 Des Pompiers Road, Malartic, Quebec J0Y 1Z0												
Effluent Discharge Point	Final Effluent EF-EA												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	-	-
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	-	-
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	-	-
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	-	-
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	-	-
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	-	-
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	-	-
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	-	-
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No annual report submitted. The mine is not subject to the MMER since June 2007.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Endako Mines												
Operator Name	Thompson Creek Mining Ltd.												
Product(s)	Molybdenum												
Address	Bag 4001, Fraser Lake, British Columbia V0J 1S0												
Effluent Discharge Point	En.A1 – Tailings Pond 1 South												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	0.0003	NMR	NMR	0.0003	NMR	NMR	0.0011	NMR	0.0003	NMR	NMR
Cu (mg/L)	0.3	NMR	0.0010	NMR	NMR	0.0018	NMR	NMR	0.0010	NMR	0.0008	NMR	NMR
CN (mg/L)	1.0	NMR	0.0216	NMR	NMR	0.0121	NMR	NMR	0.0055	NMR	0.0159	NMR	NMR
Pb (mg/L)	0.2	NMR	0.0001	NMR	NMR	0.0001	NMR	NMR	0.0001	NMR	0.0001	NMR	NMR
Ni (mg/L)	0.5	NMR	0.0013	NMR	NMR	0.0013	NMR	NMR	0.0013	NMR	0.0013	NMR	NMR
Zn (mg/L)	0.5	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
TSS (mg/L)	15	2.82	2.05	2.45	2.93	3.42	2.23	1.76	1.55	1.60	2.42	3.68	2.75
Ra-226 (Bq/L)	0.37	NMR	0.0050	NMR	NMR	0.0025	NMR	NMR	0.0050	NMR	0.0050	NMR	NMR
pH low	≥6.0	7.8	7.9	7.9	7.9	7.9	8.0	7.9	8.0	8.0	7.9	7.9	7.8
pH high	≤9.5	8.0	7.9	8.0	8.1	8.2	8.1	8.1	8.1	8.1	8.0	8.0	8.0
Flow (m ³ /month)	—	81 152	72 408	79 484	112 463	79 366	55 485	62 459	92 667	85 500	95 883	86 610	79 717
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Endako Mines												
Operator Name	Thompson Creek Mining Ltd.												
Product(s)	Molybdenum												
Address	Bag 4001, Fraser Lake, British Columbia V0J 1S0												
Effluent Discharge Point	En.H1 - Tailings Pond 2 Higginbotham												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	0.0003	NMR	NMR	0.0003	NMR	NMR	0.0010	NMR	0.0003	NMR	NMR
Cu (mg/L)	0.3	NMR	0.0010	NMR	NMR	0.0029	NMR	NMR	0.0013	NMR	0.0008	NMR	NMR
CN (mg/L)	1.0	NMR	0.0508	NMR	NMR	0.0420	NMR	NMR	0.0382	NMR	0.0495	NMR	NMR
Pb (mg/L)	0.2	NMR	0.0001	NMR	NMR	0.0001	NMR	NMR	0.0001	NMR	0.0007	NMR	NMR
Ni (mg/L)	0.5	NMR	0.0013	NMR	NMR	0.0013	NMR	NMR	0.0013	NMR	0.0013	NMR	NMR
Zn (mg/L)	0.5	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
TSS (mg/L)	15	4.56	4.53	7.00	10.23	12.48	7.88	11.58	13.38	10.80	6.74	5.13	3.90
Ra-226 (Bq/L)	0.37	NMR	0.0090	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0050	NMR	NMR
pH low	≥6.0	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.8	7.9	7.8
pH high	≤9.5	8.0	8.1	8.0	8.3	8.1	8.1	8.0	8.0	8.0	8.0	8.0	7.9
Flow (m ³ /month)	—	81 245	76 253	91 411	135 555	114 508	93 743	98 791	101 254	98 115	78 070	74 970	76 183
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Endako Mines												
Operator Name	Thompson Creek Mining Ltd.												
Product(s)	Molybdenum												
Address	Bag 4001, Fraser Lake, British Columbia V0J 1S0												
Effluent Discharge Point	En.N1 – Tailings Pond 1 North												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	0.0003	NMR	NMR	0.0003	NMR	NMR	0.0007	NMR	0.0003	NMR	NMR
Cu (mg/L)	0.3	NMR	0.0010	NMR	NMR	0.0019	NMR	NMR	0.0010	NMR	0.0012	NMR	NMR
CN (mg/L)	1.0	NMR	0.0224	NMR	NMR	0.0175	NMR	NMR	0.0025	NMR	0.0194	NMR	NMR
Pb (mg/L)	0.2	NMR	0.0001	NMR	NMR	0.0001	NMR	NMR	0.0001	NMR	0.0001	NMR	NMR
Ni (mg/L)	0.5	NMR	0.0013	NMR	NMR	0.0013	NMR	NMR	0.0013	NMR	0.0013	NMR	NMR
Zn (mg/L)	0.5	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
TSS (mg/L)	15	1.10	0.50	0.88	2.15	1.12	1.48	1.00	2.20	0.95	0.74	0.85	0.50
Ra-226 (Bq/L)	0.37	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
pH low	≥6.0	7.9	8.0	8.0	8.0	8.0	8.1	8.0	7.1	8.1	7.7	8.0	7.9
pH high	≤9.5	8.1	8.1	8.1	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.1
Flow (m ³ /month)	—	12 276	15 148	44 307	104 040	92 070	63 773	53 773	55 475	52 035	66 036	64 230	64 163
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Endako Mines												
Operator Name	Thompson Creek Mining Ltd.												
Product(s)	Molybdenum												
Address	Bag 4001, Fraser Lake, British Columbia V0J 1S0												
Effluent Discharge Point	En.S2 - Tailings Pond 2 South												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	0.0003	NMR	NMR	0.0003	NMR	NMR	0.0008	NMR	0.0003	NMR	NMR
Cu (mg/L)	0.3	NMR	0.0010	NMR	NMR	0.0022	NMR	NMR	0.0010	NMR	0.0010	NMR	NMR
CN (mg/L)	1.0	NMR	0.0552	NMR	NMR	0.0122	NMR	NMR	0.0066	NMR	0.0393	NMR	NMR
Pb (mg/L)	0.2	NMR	0.0001	NMR	NMR	0.0001	NMR	NMR	0.0001	NMR	0.0005	NMR	NMR
Ni (mg/L)	0.5	NMR	0.0013	NMR	NMR	0.0013	NMR	NMR	0.0013	NMR	0.0013	NMR	NMR
Zn (mg/L)	0.5	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
TSS (mg/L)	15	0.60	0.80	0.70	0.80	1.28	2.18	0.88	3.68	0.50	1.14	1.28	0.85
Ra-226 (Bq/L)	0.37	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
pH low	≥6.0	7.7	7.8	7.9	7.9	8.0	8.0	7.9	7.9	8.0	7.8	7.9	7.7
pH high	≤9.5	8.0	7.9	8.0	8.1	8.1	8.1	8.1	8.0	8.1	8.0	8.0	7.9
Flow (m ³ /month)	—	53 146	42 182	40 447	84 300	79 403	47 768	57 028	83 592	78 143	83 024	80 048	32 333
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Endako Mines												
Operator Name	Thompson Creek Mining Ltd.												
Product(s)	Molybdenum												
Address	Bag 4001, Fraser Lake, British Columbia V0J 1S0												
Effluent Discharge Point	En.SBC – Endako Pit												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	0.0003	NMR	NMR	0.0003	NMR	NMR	0.0010	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	NMR	0.0017	NMR	NMR	0.0036	NMR	NMR	0.0016	NMR	0.0018	NMR	NMR
CN (mg/L)	1.0	NMR	0.0165	NMR	NMR	0.0089	NMR	NMR	0.0025	NMR	0.0087	NMR	NMR
Pb (mg/L)	0.2	NMR	0.0001	NMR	NMR	0.0001	NMR	NMR	0.0001	NMR	0.0001	NMR	NMR
Ni (mg/L)	0.5	NMR	0.0005	NMR	NMR	0.0013	NMR	NMR	0.0013	NMR	0.0005	NMR	NMR
Zn (mg/L)	0.5	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
TSS (mg/L)	15	5.58	3.75	5.05	6.10	3.08	3.98	2.76	1.98	2.50	4.06	5.13	3.85
Ra-226 (Bq/L)	0.37	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR
pH low	≥6.0	8.0	7.9	8.0	8.0	8.0	8.0	7.9	8.0	8.1	7.9	8.0	8.0
pH high	≤9.5	8.1	8.1	8.1	8.2	8.2	8.2	8.1	8.1	8.1	8.1	8.1	8.1
Flow (m ³ /month)	—	24 093	23 604	49 282	143 453	204 507	106 613	78 349	80 972	87 143	74 667	42 675	38 750
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	-	1	NMR	1	NMR	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No <i>Daphnia magna</i> monitoring test result was provided for February. The test was performed on March 6, 2007.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Endako Mines												
Operator Name	Thompson Creek Mining Ltd.												
Product(s)	Molybdenum												
Address	Bag 4001, Fraser Lake, British Columbia V0J 1S0												
Effluent Discharge Point	En. W2 – Denak West Pit												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 NMR: No Measurement Required
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Eskay Creek Mine												
Operator Name	Barrick Gold Corporation												
Product(s)	Gold-Silver												
Address	P.O. Box 3908, Smithers, British Columbia V0J 2N0												
Effluent Discharge Point	Es.D7 – Treatment Pond Discharge Point												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0023	0.0014	0.0019	0.0068	0.0014	0.0039	0.0037	0.0035	0.0027	0.0015	0.0012	0.0021
Cu (mg/L)	0.3	0.0031	0.0025	0.0025	0.0025	0.0037	0.0065	0.0048	0.0035	0.0039	0.0016	0.0053	0.0025
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0209	0.0132	0.0191	0.0243	0.0239	0.1043	0.0792	0.0617	0.0519	0.0173	0.0192	0.0294
Ni (mg/L)	0.5	0.0198	0.0287	0.0246	0.0119	0.0094	0.0123	0.0114	0.0118	0.0083	0.0063	0.0093	0.0161
Zn (mg/L)	0.5	0.0352	0.0397	0.0385	0.0202	0.0246	0.0825	0.0790	0.0590	0.0525	0.0187	0.0318	0.0632
TSS (mg/L)	15	6.94	6.20	7.48	8.18	7.86	11.54	10.70	9.13	11.23	4.10	4.50	6.80
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0025	NMR	0.0100	0.0090	0.0090	NMR	NMR	0.0100	NMR	NMR
pH low	≥6.0	7.1	6.5	7.4	7.1	7.0	6.5	7.1	7.4	7.4	7.3	6.9	6.7
pH high	≤9.5	7.4	7.5	7.6	7.5	7.5	7.5	7.6	7.6	7.8	7.5	7.3	7.2
Flow (m ³ /month)	—	56 460	45 895	51 123	49 248	77 725	224 783	221 819	105 227	81 327	107 734	51 290	25 698
Rainbow Trout	Pass	NMR	NMR	1	NMR	1	1	1	NMR	NMR	1	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	1	1	1	NMR	NMR	1	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Eskay Creek Mine												
Operator Name	Barrick Gold Corporation												
Product(s)	Gold-Silver												
Address	P.O. Box 3908, Smithers, British Columbia V0J 2N0												
Effluent Discharge Point	Es.TM1 – Tom MacKay Discharge Point												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0029	0.0029	0.0038	0.0025	0.0024	0.0006	0.0002	0.0003	0.0016	0.0022	0.0017	0.0016
Cu (mg/L)	0.3	0.0005	0.0005	0.0015	0.0005	0.0006	0.0005	0.0010	0.0007	0.0005	0.0005	0.0009	0.0005
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0045	0.0036	0.0140	0.0007	0.0034	0.0007	0.0005	0.0008	0.0027	0.0121	0.0031	0.0013
Ni (mg/L)	0.5	0.0005	0.0005	0.0008	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0009	0.0005
Zn (mg/L)	0.5	0.0057	0.0095	0.0280	0.0105	0.0119	0.0075	0.0043	0.0048	0.0161	0.0124	0.0155	0.0079
TSS (mg/L)	15	3.00	3.00	9.38	3.00	3.00	4.63	2.60	3.00	3.00	4.18	3.00	3.00
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0025	NMR	0.0025	NMR	0.0025	NMR	NMR	0.0060	NMR	NMR
pH low	≥6.0	7.4	7.2	7.4	7.4	7.5	7.1	7.1	6.8	7.5	7.5	6.9	6.9
pH high	≤9.5	7.7	7.6	8.0	7.6	7.8	7.4	7.5	7.9	7.7	7.8	8.8	7.5
Flow (m ³ /month)	—	585 485	252 539	518 093	153 252	556 755	3 008 203	3 698 179	1 812 862	944 853	975 305	351 881	227 180
Rainbow Trout	Pass	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Eskay Creek Mine												
Operator Name	Barrick Gold Corporation												
Product(s)	Gold-Silver												
Address	P.O. Box 3908, Smithers, British Columbia V0J 2N0												
Effluent Discharge Point	Es.W20 – Albino Discharge Point												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0330	0.0301	0.0228	0.0196	0.0181	0.0097	0.0090	0.0086	0.0169	0.0258	ND	ND
Cu (mg/L)	0.3	0.0005	0.0005	0.0005	0.0005	0.0008	0.0022	0.0030	0.0013	0.0011	0.0013	ND	ND
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND	ND
Pb (mg/L)	0.2	0.0025	0.0016	0.0010	0.0005	0.0101	0.0429	0.0464	0.0398	0.0080	0.0150	ND	ND
Ni (mg/L)	0.5	0.0005	0.0005	0.0005	0.0005	0.0008	0.0016	0.0010	0.0005	0.0005	0.0008	ND	ND
Zn (mg/L)	0.5	0.0037	0.0025	0.0025	0.0025	0.0095	0.0327	0.0235	0.0092	0.0032	0.0062	ND	ND
TSS (mg/L)	15	3.0	3.0	3.0	3.0	3.7	5.0	3.7	3.1	4.9	3.7	ND	ND
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0100	NMR	0.0100	0.0025	0.0113	NMR	NMR	0.0100	ND	ND
pH low	≥6.0	7.3	7.2	7.8	7.4	7.6	7.3	6.4	6.7	6.5	7.5	ND	ND
pH high	≤9.5	8.8	7.7	7.9	7.9	8.6	7.6	7.7	7.8	7.8	7.7	ND	ND
Flow (m ³ /month)	—	37 575	20 028	25 652	29 514	115 430	299 117	292 810	74 650	88 646	107 395	ND	ND
Rainbow Trout	Pass	NMR	NMR	-	-	1	2	2	1	1	1	ND	ND
Acute Lethality Test	Fail	-	-	1	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	-	1	2	2	1	1	1	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for April.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Fabie (Mine)												
Operator Name	First Metal Inc.												
Product(s)	Copper												
Address	12 Doyon Street, Rouyn-Noranda Quebec J9X 7B4												
Effluent Discharge Point	V-notch												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.0006
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	-	0.0114
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	-	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	-	0.0013
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.0078
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.1533
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	-	6.00
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	-	0.0010
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	-	7.0
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	-	7.3
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	-	3 988
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	-	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	-	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on December 20, 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Flin Flon Complex												
Operator Name	Hudson Bay Mining and Smelting Co. Ltd.												
Product(s)	Copper-Lead-Zinc												
Address	P.O. Box 1500, Flin Flon, Manitoba R8A 1N9												
Effluent Discharge Point	North Weir Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0072	0.0105	0.0108	0.0078	0.0017	0.0011	0.0008	0.0008	0.0005	0.0006	0.0026	0.0031
Cu (mg/L)	0.3	0.0063	0.0091	0.0214	0.0317	0.0114	0.0050	0.0053	0.0069	0.0077	0.0072	0.0126	0.0204
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0068	0.0068	0.0081	0.0121	0.0086	0.0034	0.0040	0.0043	0.0017	0.0263	0.0035	0.0104
Ni (mg/L)	0.5	0.0020	0.0015	0.0034	0.0039	0.0009	0.0008	0.0009	0.0010	0.0022	0.0016	0.0010	0.0070
Zn (mg/L)	0.5	0.0259	0.0311	0.1159	0.1364	0.1806	0.1872	0.1538	0.0989	0.1552	0.1170	0.0515	0.0640
TSS (mg/L)	15	2.10	0.63	1.05	2.23	1.00	1.00	0.60	1.50	2.50	1.49	0.93	0.45
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0100	NMR	0.0200	NMR	0.0300	NMR	NMR	0.0200	NMR	NMR
pH low	≥6.0	7.0	7.6	7.8	7.5	7.8	7.0	7.1	7.1	7.4	7.0	7.8	7.3
pH high	≤9.5	7.9	8.3	8.1	9.0	8.9	8.4	7.8	7.7	8.9	8.1	9.2	8.5
Flow (m ³ /month)	—	944 369	810 779	1 351 979	2 092 264	1 986 200	1 359 075	1 197 930	1 184 871	861 747	489 111	922 534	1 205 449
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	-	1	1	-	-	-	1
Monitoring Test	Fail	-	-	-	-	-	1	-	-	1	1	1	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Garson Mine												
Operator Name	Inco Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt-Platinum												
Address	60 Mine Road, Garson, Ontario P0M 1N0												
Effluent Discharge Point	Garson Mine												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0016	0.0010	0.0010
Cu (mg/L)	0.3	0.0076	0.0028	0.0040	0.0240	0.0042	0.0058	0.0010	0.0030	0.0023	0.0024	0.0010	0.0025
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0150	0.0150	0.0150	0.0213	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Ni (mg/L)	0.5	0.2112	0.1883	0.2025	0.3113	0.1846	0.0818	0.1098	0.0318	0.0350	0.0448	0.0353	0.0905
Zn (mg/L)	0.5	0.0644	0.0673	0.0605	0.0743	0.0554	0.0085	0.0083	0.0050	0.0050	0.0058	0.0120	0.0188
TSS (mg/L)	15	2.20	1.45	2.25	1.60	2.04	1.00	1.00	1.00	1.60	2.92	2.00	2.15
Ra-226 (Bq/L)	0.37	0.0120	NMR	NMR	0.0120	NMR	NMR	0.0120	NMR	NMR	0.0150	NMR	0.0090
pH low	≥6.0	6.9	6.8	7.0	7.2	8.1	8.0	7.8	8.1	6.8	8.5	7.0	6.8
pH high	≤9.5	7.6	8.6	8.3	8.2	8.9	8.8	8.8	8.6	8.6	8.5	8.6	8.7
Flow (m ³ /month)	—	92 497	79 863	97 123	104 982	116 628	91 740	82 496	83 385	87 333	88 282	96 600	89 993
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of January 8, 2007, the ownership of Garson Mine has been transferred from Inco Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Géant Dormant (Mine)												
Operator Name	Gestion Iamgold-Québec Inc.												
Product(s)	Gold												
Address	1075 3rd Avenue East, P.O. Box 9999, Val-d'Or, Quebec J9P 6M1												
Effluent Discharge Point	GD-E01 Final Effluent – Minewater Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	0.0030	NMR	0.0020	NMR	NMR	0.0020	NMR	NMR	0.0020	NMR	NMR
Cu (mg/L)	0.3	0.0140	0.0175	2.0000	0.0090	0.0135	0.0090	0.0330	NMR	NMR	0.0100	0.0115	0.0045
CN (mg/L)	1.0	NMR	0.0190	NMR	0.0550	NMR	NMR	0.006	NMR	NMR	0.0050	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0005	0.0010	0.0040	NMR	NMR	0.0030	NMR	NMR	0.0040	NMR	NMR
Ni (mg/L)	0.5	NMR	0.0050	NMR	0.0170	NMR	NMR	0.0025	NMR	NMR	0.0090	NMR	NMR
Zn (mg/L)	0.5	0.1640	0.1800	0.1525	0.1338	0.1224	0.1120	0.1115	0.1096	0.1570	0.1126	0.1265	0.1550
TSS (mg/L)	15	2.20	2.25	1.50	1.50	2.72	3.15	2.95	1.76	1.50	1.56	2.25	1.78
Ra-226 (Bq/L)	0.37	NMR	0.0340	NMR	0.0190	NMR	NMR	0.0130	NMR	NMR	0.0040	NMR	NMR
pH low	≥6.0	7.7	7.6	7.8	7.8	7.7	8.0	8.0	7.7	7.9	7.8	7.7	7.7
pH high	≤9.5	7.9	7.7	7.9	7.9	8.0	8.2	8.3	8.2	8.2	7.9	7.9	7.9
Flow (m ³ /month)	—	74 694	74 420	84 085	75 168	72 875	66 960	74 107	77 455	63 088	74 579	87 007	86 601
Rainbow Trout	Pass	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Géant Dormant (Mine)												
Operator Name	Gestion Iamgold-Québec Inc.												
Product(s)	Gold												
Address	1075 3rd Avenue East, P.O. Box 9999, Val-d'Or, Quebec J9P 6M1												
Effluent Discharge Point	GD-E02 Final Effluent – Lamellar Clarifier												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Géant Dormant (Mine)												
Operator Name	Gestion Iamgold-Québec Inc.												
Product(s)	Gold												
Address	1075 3rd Avenue East, P.O. Box 9999, Val-d'Or, Quebec J9P 6M1												
Effluent Discharge Point	GD-E03, Polishing Pond 2A												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0005	0.0005	ND	0.0007	0.0005	0.0005	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0155	0.0150	ND	0.0230	0.0180	0.0160	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	0.0023	0.0015	ND	0.0062	0.0048	0.0080	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0013	0.0023	ND	0.0023	0.0023	0.0035	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0130	0.0068	ND	0.0203	0.0260	0.0203	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0113	0.0160	ND	0.0118	0.0185	0.0151	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	9.10	8.80	ND	5.06	2.65	3.95	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0010	NMR	ND	0.0100	0.0010	0.0010	ND	ND
pH low	≥6.0	ND	ND	ND	ND	7.3	7.6	ND	7.4	7.6	7.5	ND	ND
pH high	≤9.5	ND	ND	ND	ND	7.7	7.7	ND	7.6	7.7	7.6	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	19 505	18 720	ND	123 380	154 912	69 689	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	1	ND	1	1	1	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	1	ND	1	1	1	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	This new final discharge point became subject to the MMER in August 2005. In 2005 and 2006, effluent data for this final discharge point were submitted under final discharge point "GD-E02, Effluent final – décanteur lamellaire". No discharge was recorded from final discharge point "GD-E02, Effluent final – décanteur lamellaire" in 2005, 2006 and 2007.												
Notes: ND: No Deposit	NMR: No Measurement Required			Pass: ≤50% Mortality				Fail: >50% Mortality					
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Giant Mine												
Operator Name	Miramar Mining Corporation / Indian and Northern Affairs Canada												
Product(s)	Gold												
Address	Giant Minesite, Box 2951, Yellowknife, Northwest Territories X1A 2R2												
Effluent Discharge Point	Surveillance Network Program Station 43-1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.3410	0.3157	0.2425	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	0.0102	0.0105	0.0246	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	0.0067	0.0040	0.0060	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	0.0001	0.0001	0.0001	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.0548	0.0540	0.0494	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.0078	0.0076	0.0076	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	1.00	0.77	2.75	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	0.0200	NMR	0.0100	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	8.0	7.9	7.7	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	8.0	8.1	7.8	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	13 487	74 068	18 170	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	1	-	1	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	1	-	1	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No toxicity test results were provided for August. The mine misinterpreted the Regulations. Miramar Mining Corporation – Giant Mine – entered into bankruptcy protection on July 15, 2005, and Miramar Mining Corporation ceased to exist in 2007. Giant Mine is a closed mine operated by Indian and Northern Affairs Canada Trust under the stewardship of the Giant Mine Remediation Project.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Golden Giant Mine												
Operator Name	Newmont Canada Ltd.												
Product(s)	Gold												
Address	Yellow Brick Road, Hwy. 17, P.O. Box 40, Marathon, Ontario P0T 2E0												
Effluent Discharge Point	Effluent Treatment Plant Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Golden Giant Mine												
Operator Name	Newmont Canada Ltd.												
Product(s)	Gold												
Address	Yellow Brick Road, Hwy. 17, P.O. Box 40, Marathon, Ontario P0T 2E0												
Effluent Discharge Point	Sedimentation Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	0.0030	0.0020	0.0026	0.0033	0.0033	0.0040	0.0030	0.0018	0.0013	ND
Cu (mg/L)	0.3	ND	ND	0.0100	0.0040	0.0018	0.0027	0.0012	0.0020	0.0035	0.0020	0.0030	ND
CN (mg/L)	1.0	ND	ND	0.0020	0.0023	0.0022	0.0010	0.0010	0.0010	0.0010	0.0013	0.0017	ND
Pb (mg/L)	0.2	ND	ND	0.0008	0.0010	0.0005	0.0005	0.0005	0.0005	0.0008	0.0005	0.0005	ND
Ni (mg/L)	0.5	ND	ND	0.0030	0.0038	0.0036	0.0047	0.0050	0.0060	0.0055	0.0070	0.0083	ND
Zn (mg/L)	0.5	ND	ND	0.0580	0.0820	0.1238	0.0803	0.0187	0.0100	0.0620	0.0818	0.3283	ND
TSS (mg/L)	15	ND	ND	7.50	3.58	2.12	1.75	0.83	1.00	7.00	1.00	1.50	ND
Ra-226 (Bq/L)	0.37	ND	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0100	ND
pH low	≥6.0	ND	ND	6.9	7.3	7.8	7.6	7.5	7.7	7.7	7.7	7.9	ND
pH high	≤9.5	ND	ND	7.2	7.5	8.1	8.1	7.6	7.7	7.7	8.0	8.1	ND
Flow (m ³ /month)	—	ND	ND	17 320	6 165	1 516	3 481	6 885	1 639	4 194	7 294	28 943	ND
Rainbow Trout	Pass	ND	ND	1	1	1	1	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	1	1	1	1	1	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Goldex (Mine)												
Operator Name	Mines Agnico-Eagle Ltée												
Product(s)	Gold												
Address	1953 3rd Avenue West, P.O. Box 87, Val-d'Or, Quebec J9P 4N9												
Effluent Discharge Point	Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0015	0.0023	0.0025	0.0026	0.0038	0.0036	0.0048	0.0020	-	-	-	-
Cu (mg/L)	0.3	0.0278	0.0360	0.0200	0.0198	0.0286	0.0193	0.0183	0.0180	-	-	-	-
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	-	-	-	-
Pb (mg/L)	0.2	0.0006	0.0031	0.0009	0.0010	0.0029	0.0008	0.0008	0.0005	-	-	-	-
Ni (mg/L)	0.5	0.0181	0.0215	0.0225	0.0188	0.0244	0.0261	0.0263	0.0235	-	-	-	-
Zn (mg/L)	0.5	0.0166	0.0174	0.0220	0.0106	0.0405	0.0208	0.0143	0.0205	-	-	-	-
TSS (mg/L)	15	7.84	8.25	5.10	1.65	4.04	6.85	3.65	3.70	-	-	-	-
Ra-226 (Bq/L)	0.37	0.0250	NMR	NMR	0.0170	NMR	NMR	0.0130	NMR	-	-	-	-
pH low	≥6.0	6.9	6.8	6.9	7.0	6.7	6.5	7.1	7.3	-	-	-	-
pH high	≤9.5	7.3	7.3	7.7	7.3	7.2	7.4	8.1	7.4	-	-	-	-
Flow (m ³ /month)	—	13 865	12 338	21 282	20 693	19 284	17 788	15 245	3 775	-	-	-	-
Rainbow Trout	Pass	1	1	1	1	1	NMR	1	NMR	-	-	-	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	NMR	1	NMR	-	-	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: On August 2007, the "Effluent final" final discharge point was moved further and called "Effluent final puits no. 2". The "Effluent final" effluent is no longer considered as a final discharge point. The mine is on reduced frequency testing for acute lethality.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Goldex (Mine)												
Operator Name	Mines Agnico-Eagle Ltée												
Product(s)	Gold												
Address	1953 3rd Avenue West, P.O. Box 87, Val-d'Or, Quebec J9P 4N9												
Effluent Discharge Point	Final Effluent – Shaft No. 2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	0.0005	0.0020	0.0045	0.0027	0.0025
Cu (mg/L)	0.3	-	-	-	-	-	-	-	0.0220	0.0110	0.0165	0.0150	0.0040
CN (mg/L)	1.0	-	-	-	-	-	-	-	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	0.0005	0.0095	0.0013	0.0005	0.0008
Ni (mg/L)	0.5	-	-	-	-	-	-	-	0.0430	0.0350	0.0280	0.0310	0.0066
Zn (mg/L)	0.5	-	-	-	-	-	-	-	0.0330	0.0600	0.0635	0.1715	0.1103
TSS (mg/L)	15	-	-	-	-	-	-	-	3.80	8.20	7.30	3.60	1.57
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	NMR	NMR	NMR	0.0040	NMR
pH low	≥6.0	-	-	-	-	-	-	-	7.5	7.1	7.4	6.8	6.6
pH high	≤9.5	-	-	-	-	-	-	-	7.5	7.6	7.6	6.8	7.0
Flow (m ³ /month)	—	-	-	-	-	-	-	-	15 930	14 159	10 167	12 829	11 408
Rainbow Trout	Pass	-	-	-	-	-	-	-	NMR	NMR	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	NMR	NMR	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: This new final discharge point became subject to the MMER in August 2007. Since this new effluent is a relocation of the "Effluent final" final discharge point, the effluent is still on reduced frequency testing for radium 226 and acute lethality.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Haley Plant												
Operator Name	Timminco Ltd.												
Product(s)	Magnesium-Calcium-Strontium												
Address	962 Magnesium Road, Haley Station, Ontario K0J 1Y0												
Effluent Discharge Point	FDP 1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	NMR	0.0005	NMR	0.0005	NMR	NMR	0.0005	NMR	NMR	0.0005	NMR
Cu (mg/L)	0.3	NMR	NMR	0.0020	NMR	0.0020	NMR	NMR	0.0020	NMR	NMR	0.0020	NMR
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	NMR	NMR	0.0005	NMR	0.0005	NMR	NMR	0.0005	NMR	NMR	0.0005	NMR
Ni (mg/L)	0.5	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR
Zn (mg/L)	0.5	NMR	NMR	0.0050	NMR	0.0100	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR
TSS (mg/L)	15	2.00	1.00	1.00	4.25	1.00	1.25	1.50	3.00	7.50	3.80	2.75	1.00
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0050	NMR	0.0050	NMR	NMR	0.0210	NMR	NMR	0.0200	NMR
pH low	≥6.0	7.8	7.6	7.5	7.6	7.5	7.7	7.6	7.4	7.3	7.3	7.6	7.3
pH high	≤9.5	7.9	7.8	7.7	7.8	8.0	8.1	8.0	7.7	8.0	7.7	7.8	7.6
Flow (m ³ /month)	—	52 068	15 360	21 923	69 615	18 811	32 258	21 956	31 512	14 925	13 702	11 895	49 352
Rainbow Trout	Pass	1	1	1	2	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	2	1	1	1	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	3	2	2	2	1	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Hislop Mine												
Operator Name	St Andrew Goldfields Ltd.												
Product(s)	Gold												
Address	80 km east of Timmins and 1 km west off Hwy 572, Timmins, Ontario P0K 1N0												
Effluent Discharge Point	Sedimentation Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0010	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	NMR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	0.0038	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	0.0003	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	0.0070	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	5.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	NMR	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	7.31	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	7.46	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	1 465	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Holloway Mine												
Operator Name	Holloway Mining Company												
Product(s)	Gold												
Address	Highway 101E, P.O. Box 279, Matheson, Ontario P0K 1N0												
Effluent Discharge Point	Final Discharge Point												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0017	0.0021	ND	ND	ND	0.0025	0.0031	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0110	0.0050	ND	ND	ND	0.0060	0.0088	ND
CN (mg/L)	1.0	ND	ND	ND	ND	0.0043	0.0080	ND	ND	ND	0.0025	0.0094	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0010	0.0005	ND	ND	ND	0.0008	0.0011	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0100	0.0063	ND	ND	ND	0.0110	0.0182	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0070	0.0100	ND	ND	ND	0.0005	0.0130	ND
TSS (mg/L)	15	ND	ND	ND	ND	5.00	5.50	ND	ND	ND	5.50	3.00	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0010	0.0010	ND	ND	ND	0.0050	MMR	ND
pH low	≥6.0	ND	ND	ND	ND	6.9	7.4	ND	ND	ND	7.2	7.3	ND
pH high	≤9.5	ND	ND	ND	ND	7.6	7.8	ND	ND	ND	7.7	7.9	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	851 469	1 453 435	ND	ND	ND	138 907	372 234	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	1	ND	ND	ND	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	1	ND	ND	ND	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Horne (Smelter)												
Operator Name	Xstrata Canada Corporation												
Product(s)	Copper												
Address	P.O. Box 4000, Rouyn-Noranda, Quebec J9X 5B6												
Effluent Discharge Point	Final Effluent – Pelletier Sector												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.0050
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	-	0.0163
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	-	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	-	0.0050
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.0067
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.1270
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	-	4.67
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	-	0.0167
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	-	7.0
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	-	7.2
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	-	127 296
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	-	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	-	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on December 15, 2007.

Notes: ND: No Deposit
 NMR: No Measurement Required
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Huckleberry Mine												
Operator Name	Huckleberry Mines Ltd.												
Product(s)	Copper-Molybdenum-Gold-Silver												
Address	P.O. Box 3000, Houston, British Columbia V0J 1Z0												
Effluent Discharge Point	Hu.EZDD - East Zone Diversion Ditch												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Huckleberry Mine												
Operator Name	Huckleberry Mines Ltd.												
Product(s)	Copper-Molybdenum-Gold-Silver												
Address	P.O. Box 3000, Houston, British Columbia V0J 1Z0												
Effluent Discharge Point	Hu.SC3 – Sediment Control Structure 3												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0003	0.0005	0.0005	0.0011	0.0010	0.0049	0.0088	0.0029	0.0025	0.0022	0.0009	0.0009
Cu (mg/L)	0.3	0.0658	0.0644	0.0653	0.0672	0.0553	0.0461	0.0367	0.0278	0.0261	0.0338	0.0416	0.0487
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0001	0.0002	0.0003	0.0007	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0013	0.0016	0.0031	0.0021	0.0016	0.0006	0.0003	0.0009	0.0029	0.0011	0.0011	0.0010
Zn (mg/L)	0.5	0.0141	0.0140	0.0148	0.0130	0.0124	0.0075	0.0043	0.0075	0.0090	0.0130	0.0166	0.0184
TSS (mg/L)	15	3.00	3.00	3.00	4.00	4.00	5.00	4.00	0.50	1.00	0.60	0.63	0.50
Ra-226 (Bq/L)	0.37	NMR	0.0100	NMR	NMR	0.0025	0.0025	0.0025	NMR	0.0025	0.0200	NMR	NMR
pH low	≥6.0	7.5	7.7	7.6	7.9	7.9	7.8	8.0	7.9	7.9	7.8	7.8	7.9
pH high	≤9.5	7.9	7.9	7.9	8.0	8.0	8.1	8.2	8.0	8.0	8.0	7.9	7.9
Flow (m ³ /month)	—	11 748	10 784	11 810	22 328	73 668	141 450	92 560	12 280	12 792	17 622	17 701	15 003
Rainbow Trout	Pass	NMR	1	NMR	NMR	NMR	1	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	-	NMR	NMR	NMR	1	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	1	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Huckleberry Mine												
Operator Name	Huckleberry Mines Ltd.												
Product(s)	Copper-Molybdenum-Gold-Silver												
Address	P.O. Box 3000, Houston, British Columbia V0J 1Z0												
Effluent Discharge Point	Hu.SC4 – Sediment Control Structure 4												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0022	0.0026	0.0020	0.0019	0.0020	0.0022	0.0012	0.0017	0.0012	0.0007	0.0006	ND
Cu (mg/L)	0.3	0.0333	0.0431	0.0554	0.0538	0.0815	0.0413	0.0358	0.0313	0.0330	0.0461	0.0625	ND
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	0.0001	0.0002	0.0010	0.0012	0.0005	0.0001	0.0002	0.0001	0.0001	0.0002	0.0001	ND
Ni (mg/L)	0.5	0.0034	0.0043	0.0065	0.0054	0.0042	0.0029	0.0015	0.0021	0.0039	0.0043	0.0048	ND
Zn (mg/L)	0.5	0.0079	0.0093	0.0120	0.0095	0.0169	0.0136	0.0106	0.0088	0.0078	0.0142	0.0187	ND
TSS (mg/L)	15	9.68	8.17	23.18	27.10	25.40	8.00	4.60	2.00	1.38	4.80	2.75	ND
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0025	NMR	0.0200	0.0025	0.0025	NMR	0.0025	0.0025	NMR	ND
pH low	≥6.0	7.8	7.9	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	ND
pH high	≤9.5	8.0	8.0	8.0	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	ND
Flow (m ³ /month)	—	150 487	55 433	73 064	149 710	376 557	233 625	23 033	18 282	13 850	23 287	31 121	ND
Rainbow Trout	Pass	NMR	1	NMR	NMR	NMR	1	1	NMR	NMR	1	NMR	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	NMR	-	1	NMR	NMR	1	NMR	ND
Monitoring Test	Fail	-	-	-	-	-	1	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Huckleberry Mine												
Operator Name	Huckleberry Mines Ltd.												
Product(s)	Copper-Molybdenum-Gold-Silver												
Address	P.O. Box 3000, Houston, British Columbia V0J 1Z0												
Effluent Discharge Point	Hu.TMF2 – Tailings Management Facility 2 Supernatant												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0012	0.0009	0.0009	0.0017	0.0009	0.0014	0.0016	0.0028	0.0025	0.0011	0.0011	0.0011
Cu (mg/L)	0.3	0.0112	0.0062	0.1237	0.0610	0.0125	0.0205	0.0080	0.0073	0.0059	0.0037	0.0049	0.0026
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0002	0.0002	0.0002	0.0009	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0015	0.0016	0.0133	0.0053	0.0013	0.0012	0.0015	0.0015	0.0048	0.0008	0.0004	0.0002
Zn (mg/L)	0.5	0.0030	0.0050	0.0075	0.0052	0.0022	0.0018	0.0018	0.0028	0.0023	0.0009	0.0008	0.0004
TSS (mg/L)	15	4.12	3.88	7.43	4.33	5.80	5.25	4.00	2.25	2.25	2.80	2.50	2.25
Ra-226 (Bq/L)	0.37	NMR	0.0025	NMR	NMR	0.0050	0.0025	0.0025	NMR	0.0025	0.0025	NMR	NMR
pH low	≥6.0	7.0	7.2	7.3	7.1	7.0	7.1	7.2	7.5	7.6	7.4	7.5	8.1
pH high	≤9.5	9.0	7.4	7.9	7.6	7.5	7.5	7.6	7.6	7.6	7.5	7.7	9.9
Flow (m ³ /month)	—	455 989	435 917	388 244	346 626	501 264	508 388	575 966	600 138	569 865	435 724	430 028	475 385
Rainbow Trout	Pass	1	1	-	-	-	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	-	-	-	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided in March, April and May.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Iron Ore Company of Canada – Carol Project												
Operator Name	Iron Ore Company of Canada												
Product(s)	Iron												
Address	2 Avalon Drive, Labrador City, Newfoundland and Labrador A2V 2Y6												
Effluent Discharge Point	Beaver Bay Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0067	0.0253	0.0400	ND	0.0340	0.0563	0.0145	0.0129	0.0171	0.0023	0.0025	0.0040
Cu (mg/L)	0.3	0.0030	0.0088	0.0200	ND	0.0114	0.0313	0.0125	0.0124	0.0185	0.0023	0.0031	0.0025
CN (mg/L)	1.0	NMR	NMR	NMR	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0008	0.0023	0.0020	ND	0.0022	0.0038	0.0019	0.0034	0.0025	0.0007	0.0013	0.0005
Ni (mg/L)	0.5	0.0039	0.0071	0.0100	ND	0.0268	0.0313	0.0125	0.0094	0.0175	0.0029	0.0039	0.0025
Zn (mg/L)	0.5	0.0120	0.0275	0.0300	ND	0.0300	0.0650	0.0290	0.0213	0.0363	0.0087	0.0079	0.0088
TSS (mg/L)	2 244	397.60	3 033.50	1 500.00	ND	2 636.00	5 341.00	1 467.00	710.75	1 776.50	140.00	193.25	168.75
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0050	ND	NMR	0.0050	0.0050	NMR	0.0050	0.0050	NMR	NMR
pH low	≥6.0	7.1	8.0	8.0	ND	7.9	7.7	8.2	8.1	8.2	8.5	8.2	7.1
pH high	≤9.5	8.6	8.8	8.0	ND	9.2	8.5	9.5	9.2	9.2	9.2	9.3	8.2
Flow (m ³ /month)	—	1 673 329	4 318 905	1 538 881	ND	5 909 594	3 105 841	788 535	868 078	421 331	2 240 140	2 483 253	3 034 327
Rainbow Trout	Pass	NMR	NMR	1	ND	NMR	1	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	ND	NMR	1	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	Extended Transitional Authorization was granted for total suspended solids limit of 2 244 mg/L. Transitional Authorization will expire on December 6, 2008.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Iron Ore Company of Canada – Carol Project												
Operator Name	Iron Ore Company of Canada												
Product(s)	Iron												
Address	2 Avalon Drive, Labrador City, Newfoundland and Labrador A2V 2Y6												
Effluent Discharge Point	Hakim Culvert												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	ND	0.0012	0.0005
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	ND	0.0048	0.0013
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	ND	NMR	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	ND	0.0004	0.0005
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	ND	0.0037	0.0008
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	ND	0.0063	0.0020
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	ND	68.00	26.00
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	ND	0.0075	-
pH low	≥6.0	-	-	-	-	-	-	-	-	-	ND	7.9	8.0
pH high	≤9.5	-	-	-	-	-	-	-	-	-	ND	8.2	8.2
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	ND	235 842	35 971
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	ND	1	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	ND	1	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: This new final discharge point became subject to the MMER in November 2007. No toxicity test results as well as no radium 226 test results were provided for December 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Iron Ore Company of Canada – Carol Project												
Operator Name	Iron Ore Company of Canada												
Product(s)	Iron												
Address	2 Avalon Drive, Labrador City, Newfoundland and Labrador A2V 2Y6												
Effluent Discharge Point	Main Tailings Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.2420	0.2125	0.1200	ND	0.2280	0.1350	0.1800	0.3375	0.1550	0.1860	0.1400	0.3000
Cu (mg/L)	0.3	0.0710	0.0595	0.0200	ND	0.0880	0.0725	0.0740	0.1913	0.0925	0.0920	0.0900	0.1250
CN (mg/L)	1.0	NMR	NMR	NMR	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0155	0.0120	0.0060	ND	0.0150	0.0123	0.0122	0.0855	0.0155	0.0160	0.0130	0.0153
Ni (mg/L)	0.5	0.0830	0.0675	0.0200	ND	0.1100	0.0675	0.1120	0.2138	0.0850	0.0920	0.0925	0.1250
Zn (mg/L)	0.5	0.2400	0.2075	0.0900	ND	0.1800	0.1700	0.1700	0.3575	0.2350	0.2000	0.1700	0.2500
TSS (mg/L)	42 160	15 180.00	22 550.00	12 300.00	ND	17 580.00	13 350.00	14 468.00	18 550.00	22 250.00	30 900.00	19 640.00	22 250.00
Ra-226 (Bq/L)	0.37	NMR	0.0200	0.0200	ND	NMR	0.0050	0.0050	NMR	0.0100	0.2000	NMR	NMR
pH low	≥6.0	7.8	8.0	8.5	ND	7.9	8.1	8.0	8.1	8.1	8.5	8.6	8.8
pH high	≤9.5	8.4	8.3	8.5	ND	8.4	8.3	8.2	8.4	8.2	8.9	8.9	9.0
Flow (m ³ /month)	—	5 682 621	5 676 290	1 625 470	ND	6 340 363	7 984 551	5 904 625	6 522 694	6 939 620	10 691 649	10 047 318	10 987 736
Rainbow Trout	Pass	NMR	NMR	1	ND	NMR	1	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	ND	NMR	1	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	Extended Transitional Authorization was granted for total suspended solids limit of 42 160 mg/L. Transitional Authorization will expire on December 6, 2008.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Iron Ore Company of Canada – Carol Project												
Operator Name	Iron Ore Company of Canada												
Product(s)	Iron												
Address	2 Avalon Drive, Labrador City, Newfoundland and Labrador A2V 2Y6												
Effluent Discharge Point	MD5												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0005	0.0005	0.0005	0.0005	0.0005	0.0007	0.0005	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0008	0.0006	0.0006	0.0005	0.0010	0.0011	0.0007	ND
CN (mg/L)	1.0	ND	ND	ND	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0005	0.0003	0.0002	0.0001	0.0004	0.0002	0.0001	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0006	0.0005	0.0005	0.0005	0.0008	0.0013	0.0012	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0032	0.0018	0.0014	0.0013	0.0035	0.0023	0.0018	ND
TSS (mg/L)	15	ND	ND	ND	ND	5.60	5.00	6.00	59.75	7.50	5.80	5.00	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	NMR	0.0050	0.0050	NMR	0.0050	0.0050	NMR	ND
pH low	≥6.0	ND	ND	ND	ND	7.1	7.4	7.4	7.5	7.2	7.6	7.3	ND
pH high	≤9.5	ND	ND	ND	ND	7.5	7.7	8.0	7.7	7.5	7.9	8.0	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	127 968	123 840	127 968	127 968	123 840	127 968	78 432	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	1	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	1	1	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Iron Ore Company of Canada – Carol Project												
Operator Name	Iron Ore Company of Canada												
Product(s)	Iron												
Address	2 Avalon Drive, Labrador City, Newfoundland and Labrador A2V 2Y6												
Effluent Discharge Point	Old Tailings Pumphouse Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0041	0.0024	0.0005	ND	0.0009	0.0244	0.0228	0.0016	0.0005	0.0005	0.0019	0.0010
Cu (mg/L)	0.3	0.0049	0.0019	0.0005	ND	0.0011	0.0244	0.0229	0.0018	0.0010	0.0011	0.0021	0.0015
CN (mg/L)	1.0	NMR	NMR	NMR	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0003	0.0001	ND	0.0002	0.0025	0.0023	0.0003	0.0001	0.0001	0.0003	0.0004
Ni (mg/L)	0.5	0.0030	0.0015	0.0005	ND	0.0009	0.0219	0.0216	0.0021	0.0005	0.0011	0.0011	0.0010
Zn (mg/L)	0.5	0.0080	0.0038	0.0020	ND	0.0128	0.0488	0.0464	0.0033	0.0033	0.0050	0.0068	0.0028
TSS (mg/L)	4 385	356.80	85.00	5.00	ND	29.80	3 233.75	55.20	204.50	14.50	7.80	200.75	42.75
Ra-226 (Bq/L)	0.37	NMR	0.0050	0.0050	ND	NMR	0.0100	0.0050	NMR	0.0050	0.0100	NMR	NMR
pH low	≥6.0	7.0	7.0	7.8	ND	7.0	7.1	6.8	6.9	7.0	7.5	7.6	7.6
pH high	≤9.5	7.9	8.1	7.8	ND	7.5	8.0	8.2	7.5	7.1	7.7	8.0	8.1
Flow (m ³ /month)	—	216 461	195 039	93 258	ND	321 222	280 246	321 222	321 222	310 860	397 832	451 701	484 042
Rainbow Trout	Pass	NMR	NMR	1	ND	NMR	1	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	ND	NMR	1	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	Extended Transitional Authorization was granted for total suspended solids limit of 4 385 mg/L. Transitional Authorization will expire on December 6, 2008.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month. A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Iron Ore Company of Canada – Carol Project												
Operator Name	Iron Ore Company of Canada												
Product(s)	Iron												
Address	2 Avalon Drive, Labrador City, Newfoundland and Labrador A2V 2Y6												
Effluent Discharge Point	Ore Car Flume												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.1080	0.3000	ND	ND	ND	ND	ND	ND	0.0313	0.1020	0.0650	0.1125
Cu (mg/L)	0.3	0.0400	0.1000	ND	ND	ND	ND	ND	ND	0.0375	0.0600	0.0475	0.0675
CN (mg/L)	1.0	NMR	NMR	ND	ND	ND	ND	ND	ND	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0056	0.0100	ND	ND	ND	ND	ND	ND	0.0043	0.0080	0.0045	0.0063
Ni (mg/L)	0.5	0.0420	0.1000	ND	ND	ND	ND	ND	ND	0.0325	0.0600	0.0325	0.0775
Zn (mg/L)	0.5	0.1340	0.3000	ND	ND	ND	ND	ND	ND	0.0750	0.1200	0.0600	0.1250
TSS (mg/L)	15 850	10 644.00	36 400.00	ND	ND	ND	ND	ND	ND	7 335.00	13 150.00	8 920.00	14 745.00
Ra-226 (Bq/L)	0.37	NMR	NMR	ND	ND	ND	ND	ND	ND	0.0100	0.0050	NMR	NMR
pH low	≥6.0	7.8	8.6	ND	ND	ND	ND	ND	ND	7.8	8.7	8.6	8.6
pH high	≤9.5	8.7	8.6	ND	ND	ND	ND	ND	ND	8.2	9.1	9.0	9.0
Flow (m ³ /month)	—	1 967 831	115 419	ND	ND	ND	ND	ND	ND	3 781 800	3 616 657	4 106 374	4 400 379
Rainbow Trout	Pass	-	-	ND	ND	ND	ND	ND	ND	-	1	-	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	ND	ND	ND	ND	ND	ND	-	1	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: Extended Transitional Authorization was granted for total suspended solids limit of 15 850 mg/L. Transitional Authorization will expire on December 6, 2008. No toxicity test results were provided for January, February, September, November and December 2007. Flow measurement for September was calculated from the quarterly report.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Island Gold Project												
Operator Name	Richmont Mines Inc.												
Product(s)	Gold												
Address	Goudreau Road, Dubreuilville, Ontario P0S 1B0												
Effluent Discharge Point	IG-2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0005	0.0005	ND	ND	0.0007	0.0035	0.0027	0.0015	0.0016
Cu (mg/L)	0.3	ND	ND	ND	0.0026	0.0024	ND	ND	0.0011	0.0062	0.0064	0.0060	0.0055
CN (mg/L)	1.0	ND	ND	ND	0.0150	0.0113	ND	ND	0.0008	0.0037	0.0005	0.0005	0.0190
Pb (mg/L)	0.2	ND	ND	ND	0.0005	0.0005	ND	ND	0.0005	0.0005	0.0005	0.0005	0.0005
Ni (mg/L)	0.5	ND	ND	ND	0.0028	0.0046	ND	ND	0.0046	0.0185	0.0072	0.0087	0.0110
Zn (mg/L)	0.5	ND	ND	ND	0.0080	0.0025	ND	ND	0.0013	0.0045	0.0022	0.0077	0.0015
TSS (mg/L)	15	ND	ND	ND	2.30	6.54	ND	ND	1.28	0.0008	1.55	1.70	2.20
Ra-226 (Bq/L)	0.37	ND	ND	ND	NMR	0.0050	ND	ND	0.0050	NMR	NMR	NMR	0.0050
pH low	≥6.0	ND	ND	ND	7.4	7.4	ND	ND	7.8	8.1	7.9	7.1	7.5
pH high	≤9.5	ND	ND	ND	7.4	8.0	ND	ND	8.0	8.1	7.9	7.6	7.7
Flow (m ³ /month)	—	ND	ND	ND	95 133	298 816	ND	ND	205 891	68 331	61 612	174 377	131 080
Rainbow Trout	Pass	ND	ND	ND	1	1	ND	ND	1	1	1	2	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	1	ND	ND	1	1	1	2	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Joe Mann												
Operator Name	Ressources Meston Inc.												
Product(s)	Gold-Copper												
Address	P.O. Box 400, Chibougamau, Quebec G8P 2X8												
Effluent Discharge Point	Point #10												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0019	0.0034	0.0008	0.0006	0.0005	0.0011	0.0013	0.0139	0.0020	0.0010	0.0023
Cu (mg/L)	0.3	0.0170	0.0238	0.0150	0.0090	0.0050	0.0063	0.0076	0.0070	0.0069	0.0062	0.0009	0.0066
CN (mg/L)	1.0	0.0060	NMR	NMR	NMR	NMR	0.0110	NMR	0.0050	NMR	0.0025	NMR	NMR
Pb (mg/L)	0.2	0.0028	0.0005	0.0013	0.0005	0.0006	0.0005	0.0011	0.0005	0.0016	0.0005	0.0003	0.0011
Ni (mg/L)	0.5	0.0090	0.0113	0.0100	0.0050	0.0063	0.0050	0.0016	0.0006	0.0016	0.0012	0.0009	0.0016
Zn (mg/L)	0.5	0.0060	0.0050	0.0075	0.0110	0.0050	0.0063	0.0051	0.0016	0.0063	0.0024	0.0005	0.0010
TSS (mg/L)	15	1.40	1.00	1.00	1.80	1.25	3.00	4.00	2.30	3.25	4.00	2.50	1.60
Ra-226 (Bq/L)	0.37	0.0070	NMR	NMR	NMR	NMR	0.0010	NMR	0.0010	NMR	0.0010	NMR	NMR
pH low	≥6.0	7.8	7.7	8.0	7.9	8.0	8.2	8.2	8.2	8.2	8.1	8.1	6.9
pH high	≤9.5	8.0	7.9	8.1	8.1	8.2	8.3	8.4	8.3	8.3	8.3	8.2	8.3
Flow (m ³ /month)	—	97 650	91 364	100 440	113 880	111 332	145 381	176 855	199 338	160 568	162 074	130 890	132 253
Rainbow Trout	Pass	1	NMR	NMR	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Kemess South Mine												
Operator Name	Northgate Minerals Corporation												
Product(s)	Gold-Copper												
Address	P.O. Box 3519, Smithers, British Columbia V0J 2N0												
Effluent Discharge Point	KS.WQ14 – Runoff												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0003	0.0003	0.0005	0.0004	0.0006	0.0008	0.0006	0.0006	0.0006	0.0006	0.0005	0.0004
Cu (mg/L)	0.3	0.0010	0.0011	0.0011	0.0015	0.0024	0.0035	0.0023	0.0019	0.0022	0.0021	0.0015	0.0013
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0004	0.0004	0.0003	0.0003	0.0003	0.0003
Zn (mg/L)	0.5	0.0005	0.0005	0.0005	0.0005	0.0005	0.0008	0.0010	0.0008	0.0032	0.0005	0.0005	0.0005
TSS (mg/L)	15	3.00	3.00	3.00	3.23	5.46	10.70	3.57	3.58	2.46	2.90	1.93	2.90
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0100	NMR	NMR	0.0100	0.0050	0.0050	NMR	NMR	0.0050	NMR
pH low	≥6.0	8.1	8.2	8.2	7.9	8.1	8.2	8.2	8.2	8.1	8.1	7.9	7.6
pH high	≤9.5	8.3	8.2	8.3	8.4	8.3	8.2	8.3	8.4	8.2	8.3	8.1	8.0
Flow (m ³ /month)	—	8 897	6 594	6 343	102 210	463 562	382 290	184 569	97 604	96 060	102 151	51 737	16 545
Rainbow Trout	Pass	NMR	1	NMR	NMR	2	2	1	1	NMR	NMR	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	2	1	1	NMR	NMR	1	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Kemess South Mine												
Operator Name	Northgate Minerals Corporation												
Product(s)	Gold-Copper												
Address	P.O. Box 3519, Smithers, British Columbia V0J 2N0												
Effluent Discharge Point	KS.WQBXL – Sedimentation Pond Decant												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0002	0.0004	0.0003	0.0003	0.0003	0.0003	0.0002	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0019	0.0032	0.0020	0.0020	0.0016	0.0013	0.0011	ND
CN (mg/L)	1.0	ND	ND	ND	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0001	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0003	0.0004	0.0003	0.0003	0.0003	0.0003	0.0003	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0025	0.0032	0.0034	0.0008	0.0009	0.0009	0.0005	ND
TSS (mg/L)	15	ND	ND	ND	ND	3.80	5.52	3.00	1.66	2.03	0.88	0.50	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0025	0.0025	0.0100	0.0025	NMR	NMR	0.0025	ND
pH low	≥6.0	ND	ND	ND	ND	8.1	8.1	8.2	8.1	8.0	8.2	8.1	ND
pH high	≤9.5	ND	ND	ND	ND	8.2	8.2	8.3	8.4	8.3	8.3	8.3	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	44 443	18 930	2 971	1 785	1 178	643	28	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	1	1	1	-	-	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	1	1	1	-	-	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No toxicity test results were provided for September and October.

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Key Lake Operation												
Operator Name	Cameco Corporation												
Product(s)	Uranium												
Address	2121-11th Street West, Saskatoon, Saskatchewan S7M 1J3												
Effluent Discharge Point	Station 1.2 – Dewatering Discharge to Horsefly Lake												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	<0.0005	0.0001	0.0002	<0.0001	<0.0001	<0.0005	0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cu (mg/L)	0.3	<0.0050	0.0002	<0.0002	<0.0004	0.0006	<0.0005	0.0003	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0001	0.0001	<0.0001	<0.0005	0.0011	0.0001	0.0002	<0.0001	0.0001	<0.0001	0.0002	0.0001
Ni (mg/L)	0.5	0.0120	0.0130	0.0160	0.0160	0.0380	0.0110	0.0110	0.0110	0.0100	0.0290	0.0090	0.0080
Zn (mg/L)	0.5	<0.0050	0.001	0.0009	0.0017	0.003	<0.005	0.006	<0.005	0.0006	<0.0005	0.0008	0.002
TSS (mg/L)	15	<1.00	<1.00	<1.00	<1.00	1.25	0.30	1.50	0.50	<0.20	0.20	<0.20	0.40
Ra-226 (Bq/L)	0.37	<0.0100	0.0060	<0.0050	0.0060	<0.0050	0.0300	0.0050	0.0060	0.0050	<0.0050	0.0050	0.0070
pH low	≥6.0	6.9	6.0	6.5	6.8	6.9	6.7	6.8	6.8	7.0	6.8	7.0	6.7
pH high	≤9.5	7.3	7.0	7.2	7.1	7.2	7.4	7.2	7.2	7.2	7.1	7.3	7.2
Flow (m ³ /month)	—	251 446	232 777	255 705	214 820	196 779	59 510	178 467	204 005	184 985	161 842	227 949	389 410
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The annual report was submitted to Environment Canada Regional Office.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Key Lake Operation												
Operator Name	Cameco Corporation												
Product(s)	Uranium												
Address	2121-11th Street West, Saskatoon, Saskatchewan S7M 1J3												
Effluent Discharge Point	Station 1.4 – Mill Effluent to Wolf Lake												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0226	0.0255	0.0215	0.0158	0.0174	0.0235	0.0265	0.0230	0.0208	0.0230	0.0225	0.0184
Cu (mg/L)	0.3	0.0070	0.0060	0.0075	0.0075	0.0054	0.0034	0.0032	0.0028	0.0068	0.0066	0.0048	0.0043
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0001	0.0013	0.0002	0.0002	0.0014	0.0010	0.0005	0.0001	0.0015	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0840	0.0795	0.0825	0.0640	0.0402	0.0365	0.0220	0.0270	0.0740	0.0618	0.0520	0.0410
Zn (mg/L)	0.5	0.0085	0.0130	0.0163	0.0079	0.0024	0.0024	0.0039	0.0170	0.0070	0.0038	0.0030	0.0048
TSS (mg/L)	15	8.58	3.03	2.83	2.65	3.84	0.73	2.65	10.00	3.58	5.60	1.73	1.95
Ra-226 (Bq/L)	0.37	0.0280	0.0950	0.0575	0.0375	0.0420	0.0275	0.0475	0.0300	0.0450	0.0265	0.0425	0.0325
pH low	≥6.0	6.1	6.1	6.3	6.3	6.3	6.4	6.3	6.7	6.3	6.3	6.4	6.6
pH high	≤9.5	6.5	6.3	6.5	6.7	6.5	6.6	6.7	6.7	6.6	6.7	7.1	6.9
Flow (m ³ /month)	—	109 399	117 640	154 135	129 825	161 148	137 380	90 370	61 918	167 965	133 770	128 923	151 235
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Kidd Metallurgical Division												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Zinc-Copper-Silver-Lead-Cadmium-Indium-Cobalt-Selenium-Palladium-Platinum												
Address	10050 Highway 101 East, P.O. Bag 2002, Hoyle Township, Timmins, Ontario P4N 7K1												
Effluent Discharge Point	Final Effluent Monitoring Point												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0007	0.0031	0.0008	0.0013	0.0014	0.0012	0.0008	0.0006	0.0007	0.0008	0.0008	0.0006
Cu (mg/L)	0.3	0.0072	0.0130	0.0110	0.0066	0.0073	0.0093	0.0072	0.0083	0.0053	0.0064	0.0080	0.0082
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0014	0.0013	0.0010	0.0014	0.0010	0.0013	0.0012	0.0010	0.0010	0.0012	0.0010	0.0012
Ni (mg/L)	0.5	0.0024	0.0038	0.0018	0.0018	0.0010	0.0010	0.0016	0.0010	0.0013	0.0014	0.0013	0.0018
Zn (mg/L)	0.5	0.0916	0.1228	0.1523	0.0496	0.0223	0.0208	0.0140	0.0115	0.0268	0.0212	0.0323	0.0756
TSS (mg/L)	15	1.10	1.88	0.88	1.40	1.75	2.25	2.60	2.50	2.50	2.60	3.50	1.60
Ra-226 (Bq/L)	0.37	NMR	0.0050	0.0050	0.0050	0.0050	NMR	0.0200	0.0100	NMR	NMR	0.0100	NMR
pH low	≥6.0	7.8	7.4	7.6	7.1	8.5	8.7	8.3	8.5	8.2	7.6	7.6	7.5
pH high	≤9.5	8.2	8.2	8.1	8.6	8.8	8.9	9.1	9.0	8.9	9.0	8.2	8.3
Flow (m ³ /month)	—	1 102 610	1 102 960	2 495 630	2 647 200	902 640	1 512 510	1 307 660	1 160 960	1 531 440	1 629 430	1 758 320	1 193 270
Rainbow Trout	Pass	1	1	1	1	1	1	2	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	2	1	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	2	2	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	2	-	-	-	-	-	-	-

Comments: As of December 19, 2007, the ownership of Kidd Metallurgical Division has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Kidd Mining Division												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Zinc-Copper-Silver-Lead-Cadmium-Indium-Cobalt-Selenium-Palladium-Platinum												
Address	Highway 655 North, P.O. Bag 2002, Timmins, Ontario P4N 7K1												
Effluent Discharge Point	Treatment Pond Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0007	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Cu (mg/L)	0.3	0.0038	0.0048	0.0095	0.0068	0.0048	0.0043	0.0068	0.0060	0.0040	0.0040	0.0070	0.0093
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0014	0.0010	0.0015	0.0013	0.0012	0.0013	0.0010	0.0010	0.0010	0.0013	0.0010	0.0010
Ni (mg/L)	0.5	0.0010	0.0010	0.0015	0.0010	0.0012	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010
Zn (mg/L)	0.5	0.0450	0.0253	0.0800	0.0683	0.0101	0.0093	0.0135	0.0070	0.0407	0.0047	0.0875	0.2703
TSS (mg/L)	15	0.60	0.75	0.50	0.75	1.20	0.50	0.88	1.00	0.83	1.83	0.63	0.50
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0100	NMR	NMR
pH low	≥6.0	7.4	7.4	6.8	7.5	6.9	7.0	6.9	7.3	7.6	7.6	7.0	7.2
pH high	≤9.5	7.7	8.0	8.0	8.3	8.1	7.5	7.2	7.3	7.7	8.0	7.3	7.4
Flow (m ³ /month)	—	318 138	208 603	294 051	1 140 800	443 200	331 831	322 860	58 080	136 760	95 770	621 810	182 950
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	1	1	1	1	1	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of December 19, 2007, the ownership of Kidd Mining Division has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Kiena (Mine)												
Operator Name	Mines d'Or Wesdome Ltée												
Product(s)	Gold												
Address	950 Kienawisik Road, P.O. Box 268, Val-d'Or, Quebec J9P 4P3												
Effluent Discharge Point	Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0013	0.0008	ND	0.0010	0.0008	0.0030	ND	0.0007	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0033	0.0053	ND	0.0140	0.0107	0.0100	ND	0.0114	ND
CN (mg/L)	1.0	ND	ND	ND	0.0080	0.0038	ND	0.0150	0.0235	0.0074	ND	0.0155	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0010	0.0008	ND	0.0020	0.0012	0.0009	ND	0.0013	ND
Ni (mg/L)	0.5	ND	ND	ND	0.0137	0.0215	ND	0.0125	0.0133	0.0078	ND	0.0171	ND
Zn (mg/L)	0.5	ND	ND	ND	0.0468	0.0005	ND	0.0070	0.0007	0.0026	ND	0.0008	ND
TSS (mg/L)	15	ND	ND	ND	6.00	2.50	ND	2.00	1.33	2.00	ND	5.00	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	0.0117	0.0115	ND	0.0013	0.0023	0.0023	ND	0.0010	ND
pH low	≥6.0	ND	ND	ND	7.3	7.4	ND	7.5	7.3	7.3	ND	7.3	ND
pH high	≤9.5	ND	ND	ND	7.4	7.7	ND	7.9	7.8	7.6	ND	7.5	ND
Flow (m ³ /month)	—	ND	ND	ND	66 065	9 656	ND	91 168	109 888	29 396	ND	11 736	ND
Rainbow Trout	Pass	ND	ND	ND	1	1	ND	1	1	1	ND	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	1	ND	1	1	1	ND	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Konuto Lake Mine												
Operator Name	Hudson Bay Mining and Smelting Co. Ltd.												
Product(s)	Copper-Zinc-Gold-Silver-Selenium-Tellurium												
Address	P.O. Box 1500, Flin Flon, Saskatchewan R8A 1N9												
Effluent Discharge Point	Surface Sump Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: Extended Transitional Authorization was granted for total suspended solids limit of 25 mg/L. Transitional Authorization will expire on December 6, 2008.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Lac des Iles Mine												
Operator Name	Lac des Iles Mines Ltd.												
Product(s)	Palladium-Platinum-Gold-Copper-Nickel-Cobalt												
Address	P.O. Box 10547, Thunder Bay, Ontario P7B 6T9												
Effluent Discharge Point	FDP 1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0010	ND	0.0011	0.0014	0.0020	0.0023	0.0015	0.0025	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0010	ND	0.0031	0.0011	0.0012	0.0008	0.0023	0.0015	ND
CN (mg/L)	1.0	ND	ND	ND	NMR	ND	NMR	NMR	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0005	ND	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	ND
Ni (mg/L)	0.5	ND	ND	ND	0.0130	ND	0.0153	0.0130	0.0124	0.0143	0.0182	0.0140	ND
Zn (mg/L)	0.5	ND	ND	ND	0.0050	ND	0.0073	0.0050	0.0057	0.0025	0.0020	0.0015	ND
TSS (mg/L)	15	ND	ND	ND	1.13	ND	2.91	0.69	0.82	0.61	1.43	2.42	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	0.0050	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	ND
pH low	≥6.0	ND	ND	ND	7.0	ND	7.2	7.5	7.4	7.3	7.4	7.5	ND
pH high	≤9.5	ND	ND	ND	7.2	ND	7.8	7.7	7.9	7.7	7.9	7.8	ND
Flow (m ³ /month)	—	ND	ND	ND	11 848	ND	64 475	35 854	119 986	121 458	40 611	40 217	ND
Rainbow Trout	Pass	ND	ND	ND	1	ND	1	1	1	1	1	2	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	ND	1	1	1	1	1	2	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Langlois (Mine)												
Operator Name	Ressources Breakwater Ltée												
Product(s)	Zinc-Copper-Gold-Silver												
Address	P.O. Box 6000, Route 1000, Km. 42, Lebel-sur-Quévillon, Quebec J0Y 1X0												
Effluent Discharge Point	Main Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0009	0.0010	0.0011	0.0009	0.0008	0.0007	ND	ND	0.0008	0.0030	0.0020	0.0135
Cu (mg/L)	0.3	0.0328	0.0483	0.0250	0.0195	0.0173	0.0070	ND	ND	0.0225	0.0223	0.0262	0.0183
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	ND	ND	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0026	0.0016	0.0045	0.0018	0.0028	0.0022	ND	ND	0.0020	0.0020	0.0042	0.0082
Ni (mg/L)	0.5	0.0060	0.0099	0.0025	0.0070	0.0093	0.0113	ND	ND	0.0175	0.0130	0.0164	0.0031
Zn (mg/L)	0.5	0.2022	0.2000	0.1768	0.1255	0.2190	0.1493	ND	ND	0.2295	0.2733	0.2116	0.2050
TSS (mg/L)	15	1.42	1.40	2.70	2.80	7.85	0.80	ND	ND	3.80	5.13	3.30	1.48
Ra-226 (Bq/L)	0.37	0.0046	0.0030	0.0045	0.0068	0.0085	0.0030	ND	ND	0.0010	0.0010	0.0010	0.0018
pH low	≥6.0	6.8	7.0	7.1	6.9	7.1	6.9	ND	ND	6.8	6.7	7.0	6.7
pH high	≤9.5	7.5	7.3	7.2	7.4	7.7	7.4	ND	ND	6.9	6.9	7.5	7.5
Flow (m ³ /month)	—	93 000	84 000	96 720	160 200	135 240	110 880	ND	ND	68 640	151 200	181 440	187 488
Rainbow Trout	Pass	1	1	1	1	1	1	ND	ND	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	1	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	ND	ND	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Lapa (Project)												
Operator Name	Mines Agnico-Eagle Ltée												
Product(s)	Gold												
Address	299 St. Paul Boulevard North, Rivière-Éva, Quebec J0Y 2H0												
Effluent Discharge Point	Final Effluent – Sedimentation Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0134	0.0060	0.0041	0.0024	0.0050	0.0055	0.0058	0.0068	0.0044	0.0065	0.0060	ND
Cu (mg/L)	0.3	0.0090	0.0056	0.0030	0.0050	0.0073	0.0043	0.0052	0.0113	0.0073	0.0055	0.0140	ND
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	0.0030	0.0038	0.0026	0.0032	0.0048	0.0028	0.0016	0.0051	0.0051	0.0080	0.0020	ND
Ni (mg/L)	0.5	0.0198	0.0270	0.0163	0.0196	0.0205	0.0205	0.0238	0.0223	0.0150	0.0180	0.0440	ND
Zn (mg/L)	0.5	0.0130	0.0164	0.0061	0.0130	0.0045	0.0066	0.0104	0.0078	0.0063	0.0093	0.0120	ND
TSS (mg/L)	15	16.40	8.05	6.95	6.76	4.85	5.80	4.76	5.75	2.50	6.80	2.40	ND
Ra-226 (Bq/L)	0.37	0.0120	0.0090	0.0093	0.0104	0.0100	0.0083	0.0040	NMR	NMR	NMR	0.0080	ND
pH low	≥6.0	7.6	7.1	7.3	7.2	7.5	7.7	7.9	7.8	7.9	7.7	7.7	ND
pH high	≤9.5	7.9	7.5	7.5	7.5	7.9	7.9	8.0	8.1	8.0	8.0	7.7	ND
Flow (m ³ /month)	—	3 571	2 419	5 356	7 776	2 678	864	446	893	432	5 140	325	ND
Rainbow Trout	Pass	1	1	1	1	1	1	-	-	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	-	-	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for July and August.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Laronde (Mine)												
Operator Name	Les Mines Agnico-Eagle Ltée.												
Product(s)	Gold-Silver-Copper-Zinc												
Address	20 Road 395, Cadillac, Quebec J0Y 1C0												
Effluent Discharge Point	Final Effluent 3A												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0016	0.0014	0.0013	0.0050	0.0006	0.0016	0.0063	0.0091	0.0015	0.0026	0.0023
Cu (mg/L)	0.3	0.0478	0.0475	0.0418	0.0338	0.0594	0.0638	0.0314	0.0353	0.0400	0.0436	0.0465	0.0258
CN (mg/L)	1.0	0.0118	0.0185	0.0175	0.0175	0.0066	0.0100	0.0080	0.0163	0.0135	0.0065	0.0453	0.0650
Pb (mg/L)	0.2	0.0014	0.0066	0.0010	0.0005	0.0008	0.0005	0.0006	0.0006	0.0010	0.0010	0.0007	0.0005
Ni (mg/L)	0.5	0.0596	0.0850	0.0748	0.0675	0.0752	0.0670	0.0680	0.1035	0.0925	0.0622	0.0613	0.0188
Zn (mg/L)	0.5	0.0452	0.0518	0.0530	0.0403	0.0478	0.0858	0.0310	0.0375	0.0340	0.0346	0.0433	0.0390
TSS (mg/L)	15	6.28	4.95	4.60	7.50	11.00	19.25	10.64	11.95	10.35	9.08	5.45	6.28
Ra-226 (Bq/L)	0.37	0.0130	NMR	NMR	0.0070	NMR	NMR	0.0030	NMR	NMR	0.0060	NMR	NMR
pH low	≥6.0	7.5	7.5	7.6	7.6	7.4	7.4	7.4	7.3	7.3	6.8	6.7	6.8
pH high	≤9.5	8.3	7.6	8.1	8.3	8.0	8.1	8.0	7.7	7.5	7.5	7.6	8.1
Flow (m ³ /month)	—	98 825	80 204	80 590	110 337	143 773	211 093	237 897	240 772	239 013	181 508	139 889	97 860
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Daphnia magna	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Lockerby Mine												
Operator Name	First Nickel Inc.												
Product(s)	Copper-Nickel-Cobalt												
Address	N1-2, Lot 2, Concession 5, PCL 454, SWS Denison Township, Whitefish, Ontario P0M 3E0												
Effluent Discharge Point	Number 4 Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0009	0.0007	0.0013	0.0010	0.0031	0.0017	0.0016	0.0016	0.0021	0.0019	0.0016	0.0024
Cu (mg/L)	0.3	0.0065	0.0051	0.0059	0.0054	0.0052	0.0062	0.0061	0.0053	0.0050	0.0049	0.0072	0.0068
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0005	0.0005	0.0005	0.0007	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Ni (mg/L)	0.5	0.0878	0.1878	0.0896	0.0847	0.0923	0.1642	0.1624	0.1080	0.1037	0.1313	0.1448	0.2003
Zn (mg/L)	0.5	0.0028	0.0026	0.0029	0.0031	0.0031	0.0021	0.0047	0.0068	0.0039	0.0033	0.0039	0.0077
TSS (mg/L)	15	0.75	1.45	0.75	1.16	2.87	1.50	0.73	0.75	0.91	1.72	0.63	0.33
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0770	NMR	NMR	0.1100	NMR	NMR	0.0900	NMR	NMR	0.0600
pH low	≥6.0	7.2	7.3	7.3	7.5	7.4	7.3	7.3	7.4	7.5	7.4	7.5	7.5
pH high	≤9.5	7.6	7.7	7.7	8.3	7.7	7.6	7.6	7.7	7.7	7.6	7.6	7.6
Flow (m ³ /month)	—	50 025	33 999	43 920	49 646	52 961	52 595	64 135	52 863	53 556	66 867	49 583	4 742
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Louvicourt (Mine)												
Operator Name	Les Ressources Aur Inc.												
Product(s)	Copper-Zinc-Silver-Gold												
Address	5999 3rd Avenue East, Val-d'Or, Quebec J9P 6V2												
Effluent Discharge Point	Polishing Pond-Final Effluent (EF-BP)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	-	-
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	-	-
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	-	-
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	-	-
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	-	-
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	-	-
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	-	-
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	-	-
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine is not subject to the MMER since the end of June 2006.

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Louvicourt (Mine)												
Operator Name	Les Ressources Aur Inc.												
Product(s)	Copper-Zinc-Silver-Gold												
Address	5999 3rd Avenue East, Val-d'Or, Quebec J9P 6V2												
Effluent Discharge Point	Pit No. 3												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	-	-
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	-	-
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	-	-
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	-	-
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	-	-
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	-	-
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	-	-
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	-	-
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	The mine is not subject to the MMER since the end of June 2006.												
Notes: ND: No Deposit	NMR: No Measurement Required			Pass: ≤50% Mortality				Fail: >50% Mortality					
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month. A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Lupin Operations												
Operator Name	Kinross Gold Corporation / Zinifex Canada Inc.												
Product(s)	Gold												
Address	401-1113 Jade Court, Thunder Bay Ontario P7B 6M7												
Effluent Discharge Point	Lupin Discharge Syphons SNP 925-10												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of August 1, 2007, the ownership of Lupin Operations has been transferred from Kinross Gold Corporation to Zinifex Canada Inc.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Macassa Mine												
Operator Name	Kirkland Lake Gold Inc.												
Product(s)	Gold												
Address	P.O. Box 370, Kirkland Lake, Ontario P2N 3J1												
Effluent Discharge Point	C Dam												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0010	0.0009	0.0010	0.0008	0.0012	0.0011	0.0012	0.0020	0.0015	0.0013	0.0016	0.0010
Cu (mg/L)	0.3	0.0058	0.0070	0.0084	0.0083	0.0132	0.0275	0.0194	0.0228	0.0158	0.0094	0.0335	0.0098
CN (mg/L)	1.0	0.0116	0.0100	0.0029	0.0075	0.0631	0.2728	0.0343	0.0215	0.0073	0.0208	0.2695	0.0071
Pb (mg/L)	0.2	0.0100	0.0029	0.0005	0.0005	0.0007	0.0129	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Ni (mg/L)	0.5	0.0050	0.0065	0.0063	0.0078	0.0190	0.0123	0.0082	0.0113	0.0115	0.0092	0.0133	0.0095
Zn (mg/L)	0.5	0.0053	0.0093	0.0108	0.0065	0.0035	0.0058	0.0048	0.0025	0.0033	0.0062	0.0053	0.0093
TSS (mg/L)	15	1.00	1.00	1.75	1.13	2.90	2.38	0.50	1.00	2.13	0.60	0.88	0.50
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0100	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	0.0050	NMR
pH low	≥6.0	8.2	8.2	8.1	7.9	8.0	8.0	8.0	8.1	8.3	8.0	8.2	8.1
pH high	≤9.5	8.4	8.4	8.4	8.2	8.2	8.2	8.2	8.3	8.3	8.2	8.6	8.2
Flow (m ³ /month)	—	123 186	83 213	135 625	224 255	224 543	292 473	164 143	323 831	150 310	154 214	222 866	76 941
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Magnacon Mine (part of Eagle River Mill)												
Operator Name	Wesdome Gold Mines Ltd.												
Product(s)	Gold												
Address	93 Mission Road, P.O. Box 1520, Wawa, Ontario P0S 1K0												
Effluent Discharge Point	Magnacon Mine												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Malartic (Mill)												
Operator Name	Ministère des Ressources naturelles et de la Faune du Québec [Quebec department of natural resources and wildl												
Product(s)	Gold												
Address	800 Sainte-Foy Road, Suite 3.00, Québec, Quebec G1S 4X4												
Effluent Discharge Point	Final Effluent E1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0005	0.0005	ND	ND	0.0022	0.0009	0.0006	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0050	0.0100	ND	ND	0.0117	0.0104	0.0034	ND
CN (mg/L)	1.0	ND	ND	ND	ND	0.0130	0.0080	ND	ND	0.0025	0.0034	0.0064	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0005	0.0005	ND	ND	0.0010	0.0009	0.0022	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0050	0.0100	ND	ND	0.0030	0.0046	0.0092	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0050	0.0200	ND	ND	0.0053	0.0099	0.0090	ND
TSS (mg/L)	15	ND	ND	ND	ND	1.00	1.00	ND	ND	2.67	2.80	3.75	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0020	0.0010	ND	ND	0.0033	0.0018	0.0020	ND
pH low	≥6.0	ND	ND	ND	ND	8.1	8.0	ND	ND	7.9	7.7	7.2	ND
pH high	≤9.5	ND	ND	ND	ND	8.1	8.0	ND	ND	7.9	7.9	7.7	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	287 360	222 220	ND	ND	838 410	1 101 088	849 405	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	-	ND	ND	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	-	ND	ND	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for June. The mine reported discharge of effluent during only 7 days in June.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Matagami (Mine) / Xstrata Zinc Canada Division												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Zinc-Copper												
Address	500 Industriel Boulevard, Matagami, Quebec J0Y 2A0												
Effluent Discharge Point	WLD												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0006	0.0144	0.0065	0.0005	0.0009	0.0013	0.0006	0.0094	0.0006	0.0010	0.0007	0.0018
Cu (mg/L)	0.3	0.0071	0.0150	0.0081	0.0096	0.0026	0.1208	0.0038	0.0042	0.0038	0.0029	0.0003	0.0028
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0006	0.0041	0.0015	0.0013	0.0006	0.0039	0.0010	0.0008	0.0005	0.0015	0.0008	0.0013
Ni (mg/L)	0.5	0.0107	0.0104	0.0036	0.0019	0.0066	0.0060	0.0018	0.0006	0.0009	0.0020	0.0010	0.0010
Zn (mg/L)	0.5	0.0580	0.1080	0.0778	0.3918	0.0472	0.2039	0.0328	0.0172	0.0270	0.0364	0.0338	0.0275
TSS (mg/L)	15	3.80	3.50	4.00	7.00	2.60	5.00	4.75	3.20	1.25	2.60	3.75	3.00
Ra-226 (Bq/L)	0.37	0.0100	NMR	NMR	NMR	0.0030	NMR	0.0010	NMR	NMR	0.0010	NMR	NMR
pH low	≥6.0	9.0	8.7	8.7	8.8	7.6	6.7	8.5	7.9	7.8	7.9	8.0	9.1
pH high	≤9.5	9.1	9.0	9.0	9.2	9.1	8.7	8.8	8.6	9.0	8.9	9.1	9.4
Flow (m ³ /month)	—	287 938	196 750	353 171	1 168 448	780 824	787 268	645 996	251 625	574 186	377 215	553 302	373 367
Rainbow Trout	Pass	1	NMR	NMR	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of October 22, 2007, the ownership of Matagami Mine has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation. The name of the mine changed from Matagami Mine to Xstrata Zinc Canada Division.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	MAX Molybdenum Mine and Mill												
Operator Name	FortyTwo Metals Inc.												
Product(s)	Molybdenum												
Address	42 Westside Road, Trout Lake, British Columbia V0G 1R0												
Effluent Discharge Point	MM.SiteD – Mine Portal Settling Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	0.0007	0.0011	0.0013	0.0008	0.0008	0.0006	0.0007	0.0008	0.0007	0.0007
Cu (mg/L)	0.3	-	-	0.0008	0.0012	0.0016	0.0007	0.0007	0.0010	0.0009	0.0011	0.0006	0.0007
CN (mg/L)	1.0	-	-	-	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	-	-	0.0006	0.0012	0.0016	0.0006	0.0006	0.0005	0.0005	0.0008	0.0006	0.0005
Ni (mg/L)	0.5	-	-	0.0009	0.0016	0.0014	0.0007	0.0007	0.0007	0.0008	0.0013	0.0012	0.0013
Zn (mg/L)	0.5	-	-	0.0018	0.0041	0.0066	0.1033	0.0047	0.0047	0.0033	0.0053	0.0157	0.0313
TSS (mg/L)	15	-	-	7.07	20.10	22.78	26.03	6.43	6.43	6.43	12.90	8.85	7.83
Ra-226 (Bq/L)	0.37	-	-	0.0040	0.0083	0.0106	0.0110	0.0113	0.0113	0.0090	0.0100	NMR	0.0200
pH low	≥6.0	-	-	8.0	8.0	8.1	7.9	8.1	8.1	7.6	8.1	8.0	7.7
pH high	≤9.5	-	-	8.1	8.1	8.3	8.2	8.1	8.1	8.3	8.2	8.2	8.2
Flow (m ³ /month)	—	-	-	127 008	297 302	211 248	98 396	13 257	7 965	10 509	11 267	16 468	
Rainbow Trout	Pass	-	-	1	1	1	2	-	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	1	1	1	2	-	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	The mine became subject to the MMER on April 16, 2007. No toxicity test results were provided for August; the effluent was sampled for toxicity test on July 31, 2007, instead of August, due to restricted laboratory availability.												
Notes: ND: No Deposit	NMR: No Measurement Required			Pass: ≤50% Mortality				Fail: >50% Mortality					
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month. A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	MAX Molybdenum Mine and Mill												
Operator Name	FortyTwo Metals Inc.												
Product(s)	Molybdenum												
Address	42 Westside Road, Trout Lake, British Columbia V0G 1R0												
Effluent Discharge Point	MM.SiteI – Settling Ponds Decant												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	0.0006	0.0006	0.0006	0.0017	0.0001
Cu (mg/L)	0.3	-	-	-	-	-	-	-	0.0011	0.0008	0.0009	0.0006	0.0002
CN (mg/L)	1.0	-	-	-	-	-	-	-	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	0.0007	0.0005	0.0008	0.0006	0.0001
Ni (mg/L)	0.5	-	-	-	-	-	-	-	0.0009	0.0008	0.0010	0.0011	0.0003
Zn (mg/L)	0.5	-	-	-	-	-	-	-	0.0034	0.0025	0.0024	0.0019	0.0004
TSS (mg/L)	15	-	-	-	-	-	-	-	11.90	9.80	16.28	10.55	0.50
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	0.0100	0.0150	0.0142	0.0076	0.0055
pH low	≥6.0	-	-	-	-	-	-	-	8.2	8.1	8.1	8.1	7.9
pH high	≤9.5	-	-	-	-	-	-	-	8.3	8.3	8.3	8.3	8.1
Flow (m ³ /month)	—	-	-	-	-	-	-	-	54 410	20 039	19 089	38 880	40 176
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	1	-	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	1	-	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on August 13, 2007. No toxicity tests results were provided for August and October due to settling pond construction hampering effluent sampling schedule until November.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	McAlpine Mill												
Operator Name	SMC (Canada) Ltd.												
Product(s)	Gold-Silver-Platinum-Palladium												
Address	Lot 4, Concession 4, P.O. Box 710, Coleman Road, Cobalt, Ontario P0J 1C0												
Effluent Discharge Point	Polishing Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.2723	0.3117	0.4400	0.2704	0.2475	0.3865	0.3750	0.4788	0.3423	0.2236	0.1825	0.2158
Cu (mg/L)	0.3	0.0105	0.0327	0.0645	0.0392	0.0340	0.0095	0.0040	0.0025	0.0023	0.0024	0.0015	0.0026
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0026	0.0025	0.0028	0.0118	0.0173	0.0025	0.0030	0.0025	0.0036	0.0030	0.0025	0.0045
Ni (mg/L)	0.5	0.0450	0.1333	0.2900	0.1240	0.0850	0.0125	0.0100	0.0050	0.0050	0.0080	0.0063	0.0120
Zn (mg/L)	0.5	0.0050	0.0067	0.0125	0.0190	0.0225	0.0063	0.0050	0.0050	0.0050	0.0050	0.0063	0.0050
TSS (mg/L)	15	11.75	22.50	32.00	21.60	18.50	6.50	3.20	3.00	3.25	3.00	2.25	3.60
Ra-226 (Bq/L)	0.37	NMR	0.0083	0.0100	NMR	NMR	0.0100	NMR	NMR	0.0100	0.0050	NMR	0.0100
pH low	≥6.0	8.7	8.6	8.5	7.7	8.8	8.7	6.7	8.8	8.8	8.8	8.6	8.3
pH high	≤9.5	9.0	8.8	9.2	9.2	9.0	9.2	9.0	8.8	8.9	9.0	8.8	8.8
Flow (m ³ /month)	—	70 381	89 234	53 749	143 398	45 179	110 220	31 413	3 082	13 565	13 522	19 699	24 780
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	McArthur River Operation												
Operator Name	Cameco Corporation												
Product(s)	Uranium												
Address	2121-11th Street West, Saskatoon, Saskatchewan S7M 1J3												
Effluent Discharge Point	Station 2.1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0022	0.0046	0.0069	0.0094	0.0046	0.0031	0.0029	0.0019	0.0039	0.0039	0.0039	0.0038
Cu (mg/L)	0.3	0.0006	0.0009	0.0008	0.0010	0.0011	0.0009	0.0012	0.0009	0.0010	0.0010	0.0019	0.0012
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0008	0.0008	0.0009	0.0007	0.0008	0.0006	0.0008	0.0007	0.0008	0.0008	0.0010	0.0008
Zn (mg/L)	0.5	0.0018	0.0014	0.0024	0.0026	0.0029	0.0014	0.0025	0.0019	0.0017	0.0020	0.0032	0.0027
TSS (mg/L)	15	0.60	0.50	0.50	1.00	0.50	0.50	1.20	0.88	0.50	0.80	0.63	0.63
Ra-226 (Bq/L)	0.37	0.0300	0.0450	0.0300	0.0425	0.0240	0.0325	0.0480	0.0425	0.0900	0.0798	0.0800	0.0925
pH low	≥6.0	7.4	7.4	7.3	7.4	7.2	7.4	7.2	7.3	7.1	7.3	7.3	7.4
pH high	≤9.5	7.6	7.6	7.7	7.6	7.5	7.5	7.6	7.6	7.5	7.5	7.5	7.5
Flow (m ³ /month)	—	205 883	175 449	202 879	197 529	201 566	198 601	192 129	227 271	191 110	198 851	185 565	211 541
Rainbow Trout	Pass	NMR	1	NMR	1	1	NMR	1	NMR	NMR	2	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	1	1	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	1	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	McArthur River Operation												
Operator Name	Cameco Corporation												
Product(s)	Uranium												
Address	2121-11th Street West, Saskatoon, Saskatchewan S7M 1J3												
Effluent Discharge Point	Station 2.1B												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No annual report was submitted. The annual report was completed from the quarterly reports.												
Notes: ND: No Deposit	NMR: No Measurement Required			Pass: ≤50% Mortality				Fail: >50% Mortality					
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	McArthur River Operation												
Operator Name	Cameco Corporation												
Product(s)	Uranium												
Address	2121-11th Street West, Saskatoon, Saskatchewan S7M 1J3												
Effluent Discharge Point	Station 2.7												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No annual report was submitted. The annual report was completed from the quarterly reports.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	McClean Lake Operation												
Operator Name	AREVA Resources Canada Inc.												
Product(s)	Uranium												
Address	P.O. Box 9204, 817-45th Street West, Saskatoon, Saskatchewan S7K 3X5												
Effluent Discharge Point	CM01-B (JEB Water Treatment Plant)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0248	0.0290	0.0335	0.0386	0.0433	ND	0.0420	0.0293	0.0276	0.0542	0.0615	0.0472
Cu (mg/L)	0.3	0.0024	0.0016	0.0015	0.0030	0.0115	ND	0.0060	0.0020	0.0021	0.0023	0.0031	0.0032
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	ND	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0010	0.0014	0.0005	0.0007	0.0009	ND	0.0016	0.0013	0.0009	0.0005	0.0005	0.0015
Ni (mg/L)	0.5	0.0682	0.0635	0.0428	0.0374	0.0450	ND	0.0648	0.0323	0.0690	0.0726	0.0513	0.0650
Zn (mg/L)	0.5	0.0021	0.0008	0.0009	0.0011	0.0025	ND	0.0016	0.0005	0.0010	0.0011	0.0021	0.0053
TSS (mg/L)	15	3.80	3.50	2.50	1.40	1.75	ND	2.80	1.75	2.20	2.20	2.75	2.83
Ra-226 (Bq/L)	0.37	0.0080	0.0031	0.0025	0.0030	0.0031	ND	0.0075	0.0025	0.0043	0.0025	0.0031	0.0038
pH low	≥6.0	6.8	6.7	6.9	7.2	7.1	ND	7.0	6.9	7.0	7.0	7.3	6.9
pH high	≤9.5	7.2	7.0	7.4	7.5	7.3	ND	7.3	7.1	7.4	7.4	7.3	7.5
Flow (m ³ /month)	—	117 200	109 200	125 719	136 477	125 056	ND	107 400	137 113	118 192	116 285	118 141	124 652
Rainbow Trout	Pass	NMR	NMR	1	NMR	1	ND	NMR	NMR	1	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	1	ND	NMR	NMR	1	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	McClean Lake Operation												
Operator Name	AREVA Resources Canada Inc.												
Product(s)	Uranium												
Address	P.O. Box 9204, 817-45th Street West, Saskatoon, Saskatchewan S7K 3X5												
Effluent Discharge Point	CM03												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No annual report was submitted. The annual report was completed from the quarterly reports.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	McClean Lake Operation												
Operator Name	AREVA Resources Canada Inc.												
Product(s)	Uranium												
Address	P.O. Box 9204, 817-45th Street West, Saskatoon, Saskatchewan S7K 3X5												
Effluent Discharge Point	SC01 (SUE Water Treatment Plant Effluent)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0552	0.0508	0.0193	0.0218	0.0378	0.0524	0.0434	0.0368	0.0818	0.1115	0.0915	0.1153
Cu (mg/L)	0.3	0.0009	0.0019	0.0015	0.0018	0.0009	0.0016	0.0015	0.0011	0.0007	0.0025	0.0009	0.0011
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0006	0.0005	0.0005	0.0011
Ni (mg/L)	0.5	0.0840	0.0598	0.0310	0.0328	0.0260	0.0478	0.0462	0.0613	0.0576	0.0400	0.0205	0.0450
Zn (mg/L)	0.5	0.0006	0.0019	0.0005	0.0008	0.0005	0.0005	0.0005	0.0005	0.0009	0.0005	0.0006	0.0011
TSS (mg/L)	15	3.67	1.63	0.63	0.90	0.88	1.20	1.50	1.00	3.20	3.25	1.25	3.67
Ra-226 (Bq/L)	0.37	0.0125	0.0200	0.0050	0.0065	0.0044	0.0195	0.0065	0.0100	0.0200	0.0225	0.0338	0.0192
pH low	≥6.0	6.9	6.9	7.1	7.0	7.2	7.0	6.9	7.0	7.1	7.0	7.0	7.0
pH high	≤9.5	7.3	7.3	7.2	7.3	7.4	7.3	7.2	7.2	7.3	7.5	7.3	7.4
Flow (m ³ /month)	—	40 100	40 805	41 701	36 229	98 951	122 307	112 261	174 218	94 434	75 871	112 242	142 725
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	NMR	1	NMR	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	NMR	1	NMR	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Minto Project												
Operator Name	Minto Explorations Ltd.												
Product(s)	Copper-Gold-Silver												
Address	P.O. Box 31634, Whitehorse, Yukon Y1A 6L2												
Effluent Discharge Point	Mi. W3 – Runoff Main Water Dam												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	0.0002	0.0002	0.0005	0.0007	0.0006	0.0005	0.0005	0.0005	0.0003	0.0004	0.0002
Cu (mg/L)	0.3	ND	0.0013	0.0014	0.0103	0.0188	0.0153	0.0130	0.0082	0.0095	0.0065	0.0060	0.0040
CN (mg/L)	1.0	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	ND	0.0002	0.0002	0.0006	0.0002	0.0002	0.0001	0.0003	0.0001	0.0001	0.0002	0.0002
Ni (mg/L)	0.5	ND	0.0023	0.0006	0.0013	0.0015	0.0016	0.0009	0.0012	0.0017	0.0007	0.0010	0.0008
Zn (mg/L)	0.5	ND	0.0037	0.0042	0.0090	0.0108	0.0055	0.0048	0.0090	0.0070	0.0073	0.0083	0.0058
TSS (mg/L)	15	ND	2.33	3.20	7.75	12.80	7.00	3.00	3.80	9.00	1.50	1.75	3.00
Ra-226 (Bq/L)	0.37	ND	0.0025	0.0032	0.0150	0.0030	0.0031	0.0025	0.0025	0.0025	0.0025	NMR	NMR
pH low	≥6.0	ND	7.1	7.5	7.5	7.8	7.8	7.8	7.9	8.1	8.0	7.8	7.8
pH high	≤9.5	ND	7.6	8.0	7.9	8.0	7.9	7.9	8.1	8.1	8.1	8.2	8.1
Flow (m ³ /month)	—	ND	950	1 339	1 584	30 569	22 804	16 673	10 714	8 705	161	246	124
Rainbow Trout	Pass	ND	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	1	1	1	1	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Mishi Pit (part of Eagle River Mill)												
Operator Name	Wesdome Gold Mines Ltd.												
Product(s)	Gold												
Address	93 Mission Road, P.O. Box 1520, Wawa, Ontario P0S 1K0												
Effluent Discharge Point	Mishi Pit												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0005	0.0005	0.0005	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0020	0.0011	0.0007	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	NMR	NMR	NMR	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0005	0.0005	0.0005	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	0.0010	0.0012	0.0013	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	0.0060	0.0047	0.0077	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	1.00	1.40	5.67	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	0.0050	0.0050	0.0050	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	6.9	6.7	6.7	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	6.9	7.2	7.0	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	1 336	1 638	1 240	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	1	1	1	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	1	1	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Montcalm Project												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Nickel-Copper-Cobalt												
Address	c/o P.O. Box 2002, Hwy. 655 North, Timmins, Ontario P4N 7K1												
Effluent Discharge Point	Montcalm Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0006	0.0010	0.0007	0.0006	0.0005	0.0006	0.0007	0.0006	ND	0.0006	0.0007	0.0007
Cu (mg/L)	0.3	0.0032	0.0043	0.0028	0.0020	0.0030	0.0028	0.0028	0.0040	ND	0.0030	0.0023	0.0018
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0023	0.0006	0.0004	0.0004	0.0004	0.0004	0.0003	0.0002	ND	0.0004	0.0003	0.0003
Ni (mg/L)	0.5	0.0130	0.0148	0.0182	0.0176	0.0161	0.0164	0.0182	0.0168	ND	0.0303	0.0489	0.0584
Zn (mg/L)	0.5	0.0130	0.0135	0.0146	0.0123	0.0144	0.0149	0.0072	0.0084	ND	0.0093	0.0081	0.0066
TSS (mg/L)	15	1.13	1.00	1.54	1.23	1.50	1.33	1.08	1.40	ND	1.00	1.00	1.00
Ra-226 (Bq/L)	0.37	NMR	0.0050	NMR	0.0050	0.0050	0.0050	0.0050	0.0050	ND	0.0050	0.0050	0.0050
pH low	≥6.0	6.8	7.1	7.2	7.2	7.3	7.4	7.2	7.5	ND	7.3	7.2	7.5
pH high	≤9.5	7.7	7.5	7.8	7.8	7.5	7.8	7.6	7.8	ND	7.6	7.7	7.8
Flow (m ³ /month)	—	22 181	46 325	47 756	72 467	10 366	37 273	80 036	17 927	ND	31 956	66 441	26 559
Rainbow Trout	Pass	1	2	1	1	1	1	1	1	ND	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	2	1	1	1	1	1	1	ND	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of December 19, 2007, the ownership of Montcalm Project has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Mont-Wright (Mine)												
Operator Name	Compagnie minière Québec Cartier												
Product(s)	Iron												
Address	P.O. Box 1817, Mont-Wright, Quebec G0G 1J0												
Effluent Discharge Point	HS-1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0005	0.0005	0.0005	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	0.0007	0.0010	0.0009	0.0009	0.0009	0.0011	0.0012	0.0006	0.0014	0.0008	0.0035	0.0006
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0005	0.0005	0.0006	0.0005	0.0006	0.0009	0.0005	0.0005	0.0005	0.0009	0.0011
Ni (mg/L)	0.5	0.0086	0.0098	0.0093	0.0064	0.0024	0.0030	0.0083	0.0016	0.0025	0.0026	0.0028	0.0035
Zn (mg/L)	0.5	0.0116	0.0093	0.0120	0.0118	0.0123	0.0163	0.0144	0.0118	0.0185	0.0182	0.0150	0.0183
TSS (mg/L)	15	1.10	1.50	0.88	9.60	10.00	6.75	7.20	3.75	10.75	8.60	3.50	1.25
Ra-226 (Bq/L)	0.37	NMR	0.0100	NMR	NMR	0.0080	NMR	NMR	NMR	0.0050	0.0025	NMR	NMR
pH low	≥6.0	7.0	6.9	6.8	6.8	6.7	7.0	8.1	7.7	8.1	7.3	6.8	6.7
pH high	≤9.5	7.1	7.0	6.9	7.0	6.9	7.3	8.8	8.1	8.2	8.0	7.3	6.8
Flow (m ³ /month)	—	2 346 278	726 096	752 370	4 801 680	18 035 490	13 205 880	10 843 205	3 561 528	5 757 840	5 084 050	3 374 100	7 743
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	1	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	1	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Mont-Wright (Mine)												
Operator Name	Compagnie minière Québec Cartier												
Product(s)	Iron												
Address	P.O. Box 1817, Mont-Wright, Quebec G0G 1J0												
Effluent Discharge Point	MS-2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0008	0.0018	0.0013	0.0011	0.0011	0.0015	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	NMR	NMR	NMR	NMR	NMR	NMR	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0005	0.0005	0.0006	0.0005	0.0005	0.0011	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0217	0.0195	0.0156	0.0255	0.0190	0.0263	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0180	0.0168	0.0166	0.0195	0.0225	0.0263	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	7.67	4.925	5.4	4.5	4.75	7	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0025	NMR	NMR	NMR	0.0200	0.0025	ND	ND
pH low	≥6.0	ND	ND	ND	ND	6.5	6.5	6.1	6.7	6.5	6.2	ND	ND
pH high	≤9.5	ND	ND	ND	ND	6.6	6.7	6.6	7.2	6.8	6.7	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	38 400	75 240	72 320	51 336	77 040	65 964	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	-	1	1	1	1	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	-	1	1	1	1	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No toxicity test results were provided for June.

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Mouska (Mine)												
Operator Name	Gestion Iamgold-Québec Inc.												
Product(s)	Gold												
Address	P.O. Box 9999, 1075 3rd Ave East, Val-d'Or, Quebec J9P 6M1												
Effluent Discharge Point	Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	NMR	NMR	0.0005	NMR	NMR	0.0005	NMR	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	0.0190	0.0175	0.0200	0.0155	0.0150	0.0128	0.0112	0.0118	0.0140	0.0186	0.0205	0.0085
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0040	NMR	NMR	0.0005	NMR	NMR	0.0005	NMR	NMR	0.0005	NMR	NMR
Ni (mg/L)	0.5	0.0200	NMR	NMR	0.0160	NMR	NMR	0.0180	NMR	NMR	0.0110	NMR	NMR
Zn (mg/L)	0.5	0.0200	NMR	NMR	0.0280	NMR	NMR	0.0190	NMR	NMR	0.0250	NMR	NMR
TSS (mg/L)	15	3.80	3.25	2.50	2.80	2.84	3.40	3.64	1.30	2.70	3.28	2.50	6.13
Ra-226 (Bq/L)	0.37	0.0160	NMR	NMR	0.0040	NMR	NMR	0.0100	NMR	NMR	0.0010	NMR	NMR
pH low	≥6.0	7.8	7.7	7.8	7.8	7.9	7.9	7.8	7.9	7.9	7.8	7.8	7.7
pH high	≤9.5	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	7.9	7.9	7.8
Flow (m ³ /month)	—	65 174	55 642	58 255	72 684	73 656	56 160	69 371	67 406	63 504	81 871	57 893	55 792
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Musselwhite Mine												
Operator Name	Goldcorp Inc.												
Product(s)	Gold												
Address	P.O. Box 7500, Thunder Bay, Ontario P7B 6S8												
Effluent Discharge Point	FDP 1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	0.0031	0.0039	0.0033	0.0043	0.0040	0.0043	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	0.0040	0.0046	0.0038	0.0045	0.0058	0.0050	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	0.0150	0.0069	0.0028	0.0020	0.0026	0.0043	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	0.0001	0.0004	0.0005	0.0005	0.0005	0.0005	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	0.0017	0.0051	0.0043	0.0083	0.0076	0.0087	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	0.0025	0.0036	0.0021	0.0015	0.0029	0.0015	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	2.17	0.45	0.81	1.00	1.10	1.67	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	0.0037	0.0045	0.0067	0.0050	0.0050	0.0050	ND
pH low	≥6.0	ND	ND	ND	ND	ND	7.5	7.1	7.1	6.9	7.0	7.0	ND
pH high	≤9.5	ND	ND	ND	ND	ND	7.8	7.6	7.1	7.2	7.1	7.3	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	275 286	578 072	559 486	593 289	571 677	214 581	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	1	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	1	1	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Myra Falls Operations												
Operator Name	NVI Mining Ltd.												
Product(s)	Copper-Zinc-Lead-Gold-Silver												
Address	P.O. Box 8000, Campbell River, British Columbia V9W 5E2												
Effluent Discharge Point	MF.11A – Runoff Myra Ponds Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.1202	0.0005	0.0010	0.0007	0.0005	0.0005	0.0006	0.0007	0.0005	0.0007	0.0005	0.0004
Cu (mg/L)	0.3	0.0421	0.0340	0.0347	0.0487	0.0342	0.0393	0.0385	0.0385	0.0854	0.0415	0.0288	0.0282
CN (mg/L)	1.0	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0025	NMR
Pb (mg/L)	0.2	0.0307	0.0045	0.0016	0.0006	0.0008	0.0013	0.0014	0.0019	0.0015	0.0045	0.0060	0.0037
Ni (mg/L)	0.5	0.0305	0.0010	0.0019	0.0018	0.0010	0.0013	0.0013	0.0021	0.0016	0.0013	0.0016	0.0011
Zn (mg/L)	0.5	0.5870	0.3153	0.3780	0.2915	0.1662	0.1773	0.2085	0.2116	0.3040	0.3490	0.3753	0.2188
TSS (mg/L)	15	7.26	8.95	5.10	4.95	6.96	5.48	3.93	3.98	3.18	19.76	9.13	7.90
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0025	NMR	0.0025	NMR	NMR	0.0400	NMR	NMR	0.0025	NMR
pH low	≥6.0	8.8	8.8	8.7	8.8	8.6	8.8	8.8	8.8	8.8	8.7	8.7	8.4
pH high	≤9.5	9.3	9.0	8.9	9.0	9.1	9.1	9.1	9.0	9.2	9.1	9.1	9.0
Flow (m ³ /month)	—	1 411 497	913 449	1 385 619	1 069 182	1 002 626	923 205	980 365	865 365	766 397	927 224	1 165 034	1 047 704
Rainbow Trout	Pass	NMR	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	-	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR
Monitoring Test	Fail	-	-	1	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Nanisivik Mine												
Operator Name	CanZinco Ltd.												
Product(s)	Zinc-Lead-Silver												
Address	P.O. Box 225, Nanisivik, Nunavut X0A 0X0												
Effluent Discharge Point	Twin Lakes Creek Discharge (159-4)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	-	-
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	-	-
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	-	-
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	-
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	-	-
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	-	-
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	-	-
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	-	-
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	-	-
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of July 30, 2006, the mine has received "Recognized Closed Mine Status" and therefore is no longer subject to the MMER.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	New Britannia Mine												
Operator Name	Kinross Gold Corporation / Garson Gold Corporation												
Product(s)	Gold												
Address	P.O. Box 451, 114 Cedar Street, Snow Lake, Manitoba R0B 1M0												
Effluent Discharge Point	SWM03 (Birch Lake Outlet Embankment Decant Discharge)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	0.4010	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	0.0190	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	0.0010	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	0.0003	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	0.0135	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	0.0100	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	1.50	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	0.2750	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	7.5	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	7.8	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	295 706	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of December 22, 2006, the ownership of New Britannia Mine has been transferred from Kinross Gold Corporation to Garson Gold Corporation.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Niobec (Mine)												
Operator Name	Gestion Iamgold-Québec Inc.												
Product(s)	Niobium												
Address	3400 Chemin du Columbiun, St-Honoré de Chicoutimi, Quebec G0V 1L0												
Effluent Discharge Point	Final Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0020	NMR	NMR	0.0030	NMR	NMR	0.0005	NMR	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	0.0170	NMR	NMR	0.0160	NMR	NMR	0.0140	NMR	NMR	0.0200	NMR	NMR
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0035	NMR	NMR	0.0035	NMR	NMR	0.0035	NMR	NMR	0.0035	NMR	NMR
Ni (mg/L)	0.5	0.0380	NMR	NMR	0.0360	NMR	NMR	0.0160	NMR	NMR	0.0230	NMR	NMR
Zn (mg/L)	0.5	0.1040	0.0875	0.0775	0.0700	0.0980	0.0350	0.0600	0.0600	0.0650	0.0640	0.0850	0.0975
TSS (mg/L)	15	11.60	7.50	8.00	10.25	29.00	32.00	41.50	26.20	48.00	32.80	13.70	10.00
Ra-226 (Bq/L)	0.37	0.0682	0.0848	0.0935	0.0905	0.0754	0.0733	0.0933	0.0488	0.0743	0.0564	0.0748	0.1218
pH low	≥6.0	7.1	7.4	7.4	7.4	7.4	7.5	7.7	7.5	7.8	7.6	7.5	7.2
pH high	≤9.5	7.6	7.4	7.6	7.9	7.9	8.0	7.9	7.7	7.8	7.7	7.7	7.6
Flow (m ³ /month)	—	284 847	174 915	143 157	106 910	147 600	125 732	305 962	312 005	239 790	226 568	268 905	246 504
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	-	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	1	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Nugget Pond Mine												
Operator Name	Crew Gold Corporation												
Product(s)	Gold												
Address	P.O. Box 40, Baie Verte, Newfoundland and Labrador A0K 1B0												
Effluent Discharge Point	Polishing Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	0.0005	ND	0.0023	ND	0.0280	0.0400	0.0320	0.0705	0.0560	0.0650
Cu (mg/L)	0.3	ND	ND	0.0120	ND	0.0126	ND	0.0120	0.0120	0.0080	0.0120	0.0170	0.0080
CN (mg/L)	1.0	ND	ND	0.0030	ND	0.0052	ND	0.0060	0.0180	0.0210	0.0365	0.0210	0.0310
Pb (mg/L)	0.2	ND	ND	0.0010	ND	0.0010	ND	0.0010	0.0005	0.0010	0.0020	0.0010	0.0010
Ni (mg/L)	0.5	ND	ND	0.0010	ND	0.0010	ND	0.0020	0.0030	0.0030	0.0040	0.0040	0.0040
Zn (mg/L)	0.5	ND	ND	0.0030	ND	0.0070	ND	0.0050	0.0030	0.0050	0.0065	0.0060	0.0005
TSS (mg/L)	15	ND	ND	1.00	ND	1.20	ND	2.00	1.00	2.00	3.00	2.00	1.00
Ra-226 (Bq/L)	0.37	ND	ND	0.0050	ND	0.0050	ND	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
pH low	≥6.0	ND	ND	6.8	ND	6.5	ND	6.9	7.0	7.3	7.0	6.8	7.3
pH high	≤9.5	ND	ND	6.8	ND	6.8	ND	6.9	7.0	7.3	7.2	6.8	7.3
Flow (m ³ /month)	—	ND	ND	88 750	ND	443 750	ND	88 750	88 750	88 750	177 500	88 750	88 750
Rainbow Trout	Pass	ND	ND	1	ND	2	ND	1	1	1	2	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	1	ND	2	ND	1	1	1	2	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Podolsky Mine												
Operator Name	FNX Mining Company Inc.												
Product(s)	Copper-Nickel-Palladium-Platinum-Gold												
Address	P.O. Box 340, Portelance Road, Capreol, Ontario P0M 1H0												
Effluent Discharge Point	Norman North Bog Outlet												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.0017
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	-	0.0082
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	-	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	-	0.0005
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.2615
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	-	0.0680
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	-	6
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	-	-
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	-	5.61
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	-	6.72
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	-	8 224
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	-	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	-	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER in December 2007. No radium 226 test results were provided for December.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Porcupine Joint Venture / Porcupine Gold Mines												
Operator Name	Goldcorp Inc. and Kinross Gold Corporation / Goldcorp Canada Ltd. and Goldcorp Inc.												
Product(s)	Gold												
Address	1 Gold Mine Road, P.O. Box 70, South Porcupine, Ontario P0N 1H0												
Effluent Discharge Point	Mine Effluent Treatment Plant – Dome Mine												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	0.0020	0.0019	0.0023	0.0083	0.0102	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	0.0817	0.0115	0.0127	0.0092	0.0141	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	0.3935	0.0830	0.2558	0.0813	0.0623	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	0.0038	0.0038	0.0033	0.0040	0.0040	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	0.4435	0.0361	0.0454	0.0407	0.0634	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	0.0096	0.0064	0.0027	0.0016	0.0009	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	0.50	0.80	2.05	3.43	2.08	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	0.0050	NMR	0.0100	NMR	0.0050	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	7.3	7.6	7.1	7.0	7.1	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	7.4	7.8	7.9	7.5	7.4	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	126 568	90 370	602 667	310 620	308 446	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	-	2	2	1	1	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	1	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	-	2	2	1	1	ND	ND
Monitoring Test	Fail	-	-	-	-	-	1	-	-	-	-	-	-

Comments: As of October 12, 2007, the name of the mine changed from Porcupine Joint Venture to Porcupine Gold Mines. As of December 21, 2007, the ownership of Porcupine Gold Mines has been transferred from Goldcorp Inc. and Kinross Gold Corporation to Goldcorp Canada Ltd. and Goldcorp Inc.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Porcupine Joint Venture / Porcupine Gold Mines												
Operator Name	Goldcorp Inc. and Kinross Gold Corporation / Goldcorp Canada Ltd. and Goldcorp Inc.												
Product(s)	Gold												
Address	1 Gold Mine Road, P.O. Box 70, South Porcupine, Ontario P0N 1H0												
Effluent Discharge Point	Mine Water Storage Pond – Dome Mine												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0118	0.0099	0.0105	0.0110	0.0109	0.0149	0.0129	0.0092	0.0102	0.0140	0.0107	0.0059
Cu (mg/L)	0.3	0.0025	0.0044	0.0046	0.0068	0.0021	0.0039	0.0012	0.0022	0.0010	0.0013	0.0008	0.0035
CN (mg/L)	1.0	0.0025	0.0025	0.0025	0.0034	0.0025	0.0036	0.0033	0.0022	0.0022	0.0030	0.0031	0.0025
Pb (mg/L)	0.2	0.0038	0.0038	0.0038	0.0038	0.0038	0.0038	0.0051	0.0032	0.0033	0.0048	0.0060	0.0040
Ni (mg/L)	0.5	0.0388	0.0261	0.0227	0.0258	0.0226	0.0300	0.0246	0.0230	0.0222	0.0299	0.0222	0.0207
Zn (mg/L)	0.5	0.0196	0.0332	0.0307	0.0104	0.0079	0.0175	0.0109	0.0098	0.0100	0.0084	0.0093	0.0492
TSS (mg/L)	15	3.22	3.45	6.30	4.48	5.36	4.10	3.68	6.24	4.10	4.74	3.43	2.56
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0050	NMR	NMR
pH low	≥6.0	8.0	7.8	8.0	8.0	8.0	7.4	7.9	8.0	8.0	8.0	8.0	7.9
pH high	≤9.5	8.2	8.0	8.1	8.1	8.1	8.2	8.1	8.1	8.3	8.1	8.2	8.1
Flow (m ³ /month)	—	72 019	66 528	88 722	90 900	65 918	95 184	73 532	71 870	81 432	85 188	81 360	68 746
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	2	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	2	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of October 12, 2007, the name of the mine changed from Porcupine Joint Venture to Porcupine Gold Mines. As of December 21, 2007, the ownership of Porcupine Gold Mines has been transferred from Goldcorp Inc. and Kinross Gold Corporation to Goldcorp Canada Ltd. and Goldcorp Inc.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Porcupine Joint Venture / Porcupine Gold Mines												
Operator Name	Goldcorp Inc. and Kinross Gold Corporation / Goldcorp Canada Ltd. and Goldcorp Inc.												
Product(s)	Gold												
Address	1 Gold Mine Road, P.O. Box 70, South Porcupine, Ontario P0N 1H0												
Effluent Discharge Point	Owl Creek Discharge 1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0090	0.0120	0.0838	0.0118	ND	ND	0.0107	0.0091	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0028	0.0020	0.0045	0.0004	ND	ND	0.0013	0.0017	ND
CN (mg/L)	1.0	ND	ND	ND	0.0025	0.0031	0.0060	0.0025	ND	ND	0.0043	0.0025	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0038	0.0046	0.0038	0.0038	ND	ND	0.0040	0.0040	ND
Ni (mg/L)	0.5	ND	ND	ND	0.0166	0.0209	0.0463	0.0100	ND	ND	0.0133	0.0203	ND
Zn (mg/L)	0.5	ND	ND	ND	0.0108	0.0147	0.0193	0.0048	ND	ND	0.0088	0.0141	ND
TSS (mg/L)	15	ND	ND	ND	2.05	6.58	3.65	0.50	ND	ND	3.15	4.40	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	NMR	0.0050	0.0050	0.0050	ND	ND	0.0050	NMR	ND
pH low	≥6.0	ND	ND	ND	7.9	8.2	8.4	8.4	ND	ND	8.1	7.4	ND
pH high	≤9.5	ND	ND	ND	8.1	8.4	8.4	8.4	ND	ND	8.1	8.1	ND
Flow (m ³ /month)	—	ND	ND	ND	16 640	42 983	31 334	54 054	ND	ND	42 672	48 351	ND
Rainbow Trout	Pass	ND	ND	ND	1	1	1	1	ND	ND	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	1	1	1	ND	ND	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of October 12, 2007, the name of the mine changed from Porcupine Joint Venture to Porcupine Gold Mines. As of December 21, 2007, the ownership of Porcupine Gold Mines has been transferred from Goldcorp Inc. and Kinross Gold Corporation to Goldcorp Canada Ltd. and Goldcorp Inc.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Porcupine Joint Venture / Porcupine Gold Mines												
Operator Name	Goldcorp Inc. and Kinross Gold Corporation / Goldcorp Canada Ltd. and Goldcorp Inc.												
Product(s)	Gold												
Address	1 Gold Mine Road, P.O. Box 70, South Porcupine, Ontario P0N 1H0												
Effluent Discharge Point	Owl Creek Discharge 2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0101	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0046	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0053	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0040	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0244	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0164	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.15	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NMR	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.0	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.0	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	180 000	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for November 2007. As of October 12, 2007, the name of the mine changed from Porcupine Joint Venture to Porcupine Gold Mines. As of December 21, 2007, the ownership of Porcupine Gold Mines has been transferred from Goldcorp Inc. and Kinross Gold Corporation to Goldcorp Canada Ltd. and Goldcorp Inc.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Porcupine Joint Venture / Porcupine Gold Mines												
Operator Name	Goldcorp Inc. and Kinross Gold Corporation / Goldcorp Canada Ltd. and Goldcorp Inc.												
Product(s)	Gold												
Address	4315 Gold Mine Road, South Porcupine, Ontario P0N 1H0												
Effluent Discharge Point	Pamour Mine Water												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0472	0.0573	0.0512	0.0413	0.0284	0.0278	0.0600	0.0692	0.0506	0.0360	0.0351	0.0542
Cu (mg/L)	0.3	0.0006	0.0015	0.0016	0.0049	0.0060	0.0019	0.0009	0.0014	0.0008	0.0014	0.0013	0.0015
CN (mg/L)	1.0	0.0100	0.0113	0.0088	0.0054	0.0045	0.0053	0.0031	0.0022	0.0022	0.0045	0.0081	0.0190
Pb (mg/L)	0.2	0.0038	0.0038	0.0038	0.0038	0.0046	0.0038	0.0038	0.0031	0.0033	0.0055	0.0040	0.0040
Ni (mg/L)	0.5	0.1892	0.1705	0.1703	0.1344	0.1184	0.0954	0.0529	0.0706	0.0844	0.1041	0.1513	0.1970
Zn (mg/L)	0.5	0.0277	0.0296	0.0278	0.0162	0.0073	0.0061	0.0048	0.0027	0.0044	0.0061	0.0105	0.0336
TSS (mg/L)	15	3.14	3.70	4.05	9.22	12.26	4.10	4.98	3.12	3.82	3.24	3.80	3.62
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	NMR	0.0050	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0050
pH low	≥6.0	7.8	7.5	7.7	7.8	8.1	8.1	8.1	8.1	8.1	8.1	7.8	7.7
pH high	≤9.5	8.1	7.8	7.9	8.2	8.3	8.3	8.3	8.3	8.3	8.2	8.2	7.8
Flow (m ³ /month)	—	322 997	282 036	304 529	205 782	240 752	282 174	272 270	289 662	272 561	289 804	309 905	302 343
Rainbow Trout	Pass	1	1	1	1	1	1	2	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	2	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of October 12, 2007, the name of the mine changed from Porcupine Joint Venture to Porcupine Gold Mines. As of December 21, 2007, the ownership of Porcupine Gold Mines has been transferred from Goldcorp Inc. and Kinross Gold Corporation to Goldcorp Canada Ltd. and Goldcorp Inc.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Principale (Camchib)												
Operator Name	Ressources Meston Inc.												
Product(s)	Gold-Copper												
Address	P.O. Box 400, Chibougamau, Quebec G8P 2X8												
Effluent Discharge Point	Point #20												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Rabbit Lake Operation												
Operator Name	Cameco Corporation												
Product(s)	Uranium												
Address	2121-11th Street West, Saskatoon, Saskatchewan S7M 1J3												
Effluent Discharge Point	Station 2.3.3												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0078	0.0130	0.0110	0.0115	0.0076	0.0059	0.0089	0.0101	0.0143	0.0101	0.0086	0.0081
Cu (mg/L)	0.3	0.0011	0.0010	0.0015	0.0018	0.0025	0.0017	0.0016	0.0019	0.0020	0.0019	0.0018	0.0029
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0002	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Ni (mg/L)	0.5	0.0156	0.0210	0.0208	0.0121	0.0150	0.0090	0.0123	0.0170	0.0193	0.0125	0.0085	0.0080
Zn (mg/L)	0.5	0.0012	0.0016	0.0009	0.0009	0.0019	0.0008	0.0006	0.0013	0.0005	0.0014	0.0015	0.0010
TSS (mg/L)	15	1.10	0.63	3.38	2.20	1.25	1.75	0.70	1.50	1.00	0.80	1.00	5.88
Ra-226 (Bq/L)	0.37	0.0102	0.0036	0.0044	0.0025	0.0031	0.0040	0.0034	0.0034	0.0039	0.0047	0.0060	0.0088
pH low	≥6.0	7.2	7.1	7.4	7.4	7.4	7.2	7.3	7.3	7.3	7.3	7.1	7.3
pH high	≤9.5	7.5	7.4	7.5	7.5	7.4	7.4	7.4	7.5	7.4	7.5	7.5	7.4
Flow (m ³ /month)	—	288 854	255 048	259 850	336 398	402 040	330 452	352 905	344 410	359 450	370 790	319 685	340 274
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Raglan (Mine)												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Nickel-Copper-Cobalt-Platinum-Palladium												
Address	120 Avenue de l'Aéroport, Rouyn-Noranda, Quebec J9X 5B7												
Effluent Discharge Point	DIR-HSA												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of October 22, 2007, the ownership of Raglan Mine has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Raglan (Mine)												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Nickel-Copper-Cobalt-Platinum-Palladium												
Address	120 Avenue de l'Aéroport, Rouyn-Noranda, Quebec J9X 5B7												
Effluent Discharge Point	DIR-SPOON												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: This final discharge point became subject to the MMER in March 2007. As of October 22, 2007, the ownership of Raglan Mine has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Raglan (Mine)												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Nickel-Copper-Cobalt-Platinum-Palladium												
Address	120 Avenue de l'Aéroport, Rouyn-Noranda, Quebec J9X 5B7												
Effluent Discharge Point	DIR-UT												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	0.0010	0.0008	0.0015	0.0026	0.0033	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	0.0125	0.0068	0.0040	0.0035	0.0033	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	NMR	NMR	NMR	NMR	NMR	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	0.0005	0.0048	0.0074	0.0040	0.0013	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	0.2850	0.3078	0.2868	0.2025	0.2217	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	0.0050	0.0100	0.0190	0.0064	0.0063	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	5.55	3.40	3.75	4.00	6.00	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	0.0030	0.0050	NMR	NMR	0.0010	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	7.3	7.0	6.9	7.3	8.1	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	7.7	8.1	8.6	8.6	8.3	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	73 269	92 162	81 289	107 712	68 241	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	1	1	1	1	1	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	1	1	1	1	1	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of October 22, 2007, the ownership of Raglan Mine has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Raglan (Mine)												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Nickel-Copper-Cobalt-Platinum-Palladium												
Address	120 Avenue de l'Aéroport, Rouyn-Noranda, Quebec J9X 5B7												
Effluent Discharge Point	DIR-Z3												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0015	-	0.0005	0.0008	0.0006	0.0018	0.0015	0.0014	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0075	-	0.0050	0.0014	0.0264	0.0006	0.0010	0.0004	ND
CN (mg/L)	1.0	ND	ND	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0005	-	0.0005	0.0019	0.0005	0.0005	0.0005	0.0004	ND
Ni (mg/L)	0.5	ND	ND	ND	0.3075	-	0.1100	0.1122	0.0948	0.1868	0.1270	0.1703	ND
Zn (mg/L)	0.5	ND	ND	ND	0.0088	-	0.0050	0.0098	0.0030	0.0024	0.0024	0.0038	ND
TSS (mg/L)	15	ND	ND	ND	3.50	-	2.00	2.00	2.00	1.50	2.60	2.50	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	0.0100	NMR	0.0040	0.0030	NMR	NMR	0.0010	NMR	ND
pH low	≥6.0	ND	ND	ND	8.0	-	7.9	7.9	7.8	7.7	7.7	8.0	ND
pH high	≤9.5	ND	ND	ND	8.3	-	8.4	8.2	8.1	7.9	8.0	8.1	ND
Flow (m ³ /month)	—	ND	ND	ND	57 862	10 783	65 911	185 070	183 313	168 663	176 980	72 007	ND
Rainbow Trout	Pass	ND	ND	ND	1	-	1	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	-	1	-	-	-	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	1	1	1	-	-	-
Comments:	No toxicity test results were provided for May, nor test results for As, Cu, Pb, Ni, Zn, TSS and pH. The mine reported discharge of effluent during only 4 days in May. The toxicity test was scheduled on day of no flow. As of October 22, 2007, the ownership of Raglan Mine has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.												
Notes:	ND: No Deposit	NMR: No Measurement Required					Pass: ≤50% Mortality	Fail: >50% Mortality					
	Highlighted data indicate that a monthly effluent quality standard was exceeded for that month. A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.												

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Red Lake Mine												
Operator Name	Goldcorp Inc.												
Product(s)	Gold												
Address	17 Mine Road, Balmertown, Ontario P0V 1C0												
Effluent Discharge Point	G1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	0.0974	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	0.0089	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	0.0183	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	0.0006	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	0.0204	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	0.0156	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	4.75	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	0.0025	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	7.5	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	7.8	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	765 817	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: Since July 2007, this final discharge point has been routed to the new final discharge point G2.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Red Lake Mine												
Operator Name	Goldcorp Inc.												
Product(s)	Gold												
Address	17 Mine Road, Balmertown, Ontario P0V 1C0												
Effluent Discharge Point	G2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	0.0289	0.0345	0.0360	0.0449	0.0526	ND
Cu (mg/L)	0.3	-	-	-	-	-	-	0.0053	0.0050	0.0058	0.0088	0.0050	ND
CN (mg/L)	1.0	-	-	-	-	-	-	0.0093	0.0080	0.0160	0.0098	0.0150	ND
Pb (mg/L)	0.2	-	-	-	-	-	-	0.0003	0.0003	0.0004	0.0004	0.0006	ND
Ni (mg/L)	0.5	-	-	-	-	-	-	0.0167	0.0170	0.0135	0.0180	0.0185	ND
Zn (mg/L)	0.5	-	-	-	-	-	-	0.0117	0.0050	0.0125	0.0150	0.0500	ND
TSS (mg/L)	15	-	-	-	-	-	-	3.00	3.00	3.50	1.00	3.50	ND
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	0.0043	0.0060	0.0025	0.0025	0.0025	ND
pH low	≥6.0	-	-	-	-	-	-	6.65	6.3	6.15	6.05	6.23	ND
pH high	≤9.5	-	-	-	-	-	-	6.85	6.3	6.3	6.4	6.35	ND
Flow (m ³ /month)	—	-	-	-	-	-	-	278 530	62 900	337 840	363 500	55 900	ND
Rainbow Trout	Pass	-	-	-	-	-	-	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	1	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: This new final discharge point became subject to the MMER in July 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Red Lake Mine												
Operator Name	Goldcorp Inc.												
Product(s)	Gold												
Address	17 Mine Road, Balmertown, Ontario P0V 1C0												
Effluent Discharge Point	Shaft 3 Mine Water Settling Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 NMR: No Measurement Required
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Redstone Mine												
Operator Name	Liberty Mines Inc.												
Product(s)	Nickel												
Address	P.O. Box 398, South Porcupine, Ontario P0N 1H0												
Effluent Discharge Point	RSD-2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0078	0.0040	-	ND	ND	0.0020	0.0028	0.0010	ND	ND	0.0041	0.0047
Cu (mg/L)	0.3	0.0165	0.0074	-	ND	ND	0.0003	0.0003	0.0003	ND	ND	0.0088	0.0013
CN (mg/L)	1.0	NMR	NMR	NMR	ND	ND	NMR	NMR	NMR	ND	ND	NMR	NMR
Pb (mg/L)	0.2	0.0034	0.0025	-	ND	ND	0.0038	0.0038	0.0038	ND	ND	0.0040	0.0040
Ni (mg/L)	0.5	2.4025	2.6880	-	ND	ND	0.2960	0.2240	0.1330	ND	ND	0.3333	0.2195
Zn (mg/L)	0.5	0.0175	0.0090	-	ND	ND	0.0027	0.0045	0.0010	ND	ND	0.0037	0.0029
TSS (mg/L)	15	124.25	43.40	14.00	ND	ND	2.26	1.60	4.00	ND	ND	6.50	5.10
Ra-226 (Bq/L)	0.37	-	0.0050	-	ND	ND	0.0050	0.0050	0.0050	ND	ND	0.0050	0.0050
pH low	≥6.0	7.9	7.7	7.9	ND	ND	7.5	8.0	8.1	ND	ND	7.7	7.5
pH high	≤9.5	8.5	8.4	7.9	ND	ND	7.9	8.1	8.1	ND	ND	8.0	7.8
Flow (m ³ /month)	—	23 839	18 387	723	ND	ND	7 267	9 213	369	ND	ND	12 084	4 824
Rainbow Trout	Pass	-	1	-	ND	ND	2	2	1	ND	ND	1	1
Acute Lethality Test	Fail	1	-	-	-	-	-	-	-	-	-	-	1
<i>Daphnia magna</i>	Pass	-	1	-	ND	ND	2	2	1	ND	ND	1	2
Monitoring Test	Fail	1	-	-	-	-	-	-	-	-	-	-	-

Comments: No radium 226 test results were provided for January and March. No toxicity test results were provided for March, nor test results for As, Cu, Pb, Ni and Zn. The mine reported discharge of effluent during only 4 days in March.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Restigouche Mine												
Operator Name	Blue Note Mining Inc.												
Product(s)	Zinc-Lead-Copper-Silver												
Address	9361 Route 180, P.O. Box 26, Bathurst, New Brunswick E2A 3Z1												
Effluent Discharge Point	Mixing Structure Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	0.0010	0.0010
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	-	0.0010	0.0023
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	-	NMR	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	-	0.0041	0.0124
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	0.0013	0.0025
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	-	0.0385	0.0803
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	-	5.00	5.00
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	-	0.0050	0.0250
pH low	≥6.0	-	-	-	-	-	-	-	-	-	-	6.6	7.2
pH high	≤9.5	-	-	-	-	-	-	-	-	-	-	7.7	8.05
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	-	39 055	11 970
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	-	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on November 7, 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Rice Lake Gold Mine												
Operator Name	San Gold Corporation												
Product(s)	Gold												
Address	P.O. Box 1000, San Antonio Road, Bissett, Manitoba R0E 0V0												
Effluent Discharge Point	FDP1 – End of Pipe												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	0.0014	0.0016	0.0011	ND
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	0.0115	0.0140	0.1570	ND
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	0.0040	0.0060	0.0243	ND
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	0.0037	0.0004	0.0007	ND
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	0.0023	0.0023	0.0050	ND
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	0.0050	0.0110	0.0150	ND
TSS (mg/L)	15	-	-	-	-	-	-	-	-	5.00	6.00	7.00	ND
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	0.0025	0.0050	0.0025	ND
pH low	≥6.0	-	-	-	-	-	-	-	-	8.0	8.1	8.4	ND
pH high	≤9.5	-	-	-	-	-	-	-	-	8.2	8.1	8.4	ND
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	97 416	88 841	174 186	ND
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on September 21, 2007. No toxicity test results were provided for September.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Santoy 7 Mine												
Operator Name	Claude Resources Inc.												
Product(s)	Gold												
Address	P.O. Box 1230, LaRonge, Saskatchewan S0J 1L0												
Effluent Discharge Point	Santoy 7 Settling Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	-	0.0017	0.0013	0.0023
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	-	0.0061	0.0106	0.0355
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	-	NMR	NMR	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	-	0.0008	0.0044	0.0045
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	-	0.0034	0.0043	0.0066
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	-	0.0194	0.0220	0.2490
TSS (mg/L)	15	-	-	-	-	-	-	-	-	-	6.33	31.50	46.75
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	-	0.0100	0.0143	0.0150
pH low	≥6.0	-	-	-	-	-	-	-	-	-	7.8	7.9	7.9
pH high	≤9.5	-	-	-	-	-	-	-	-	-	8.0	8.0	7.9
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	-	2 354	3 210	3 317
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	-	-	1	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	1	1	2
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	-	1	2	2
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on October 9, 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Scozinc Mine - Mill												
Operator Name	Acadian Mining Corporation												
Product(s)	Zinc-Lead												
Address	15601 Highway 224, RR 1, Milford Station, Gays River, Nova Scotia B0N 1Y0												
Effluent Discharge Point	Polishing Pond Outlet												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	-	0.0200	0.0200	0.0200	0.0200
Cu (mg/L)	0.3	-	-	-	-	-	-	-	-	0.1018	0.1625	0.3000	0.5600
CN (mg/L)	1.0	-	-	-	-	-	-	-	-	0.0205	0.0638	0.1626	0.4350
Pb (mg/L)	0.2	-	-	-	-	-	-	-	-	0.0118	0.0090	0.0102	0.0145
Ni (mg/L)	0.5	-	-	-	-	-	-	-	-	0.0100	0.0100	0.0100	0.0100
Zn (mg/L)	0.5	-	-	-	-	-	-	-	-	0.1555	0.2650	0.3720	0.5975
TSS (mg/L)	15	-	-	-	-	-	-	-	-	2.38	1.75	3.00	1.50
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	-	0.0059	0.0061	0.0054	NMR
pH low	≥6.0	-	-	-	-	-	-	-	-	7.8	7.8	7.6	7.4
pH high	≤9.5	-	-	-	-	-	-	-	-	7.9	7.9	9.0	7.7
Flow (m ³ /month)	—	-	-	-	-	-	-	-	-	1 110 316	1 148 654	2 781 338	1 905 347
Rainbow Trout	Pass	-	-	-	-	-	-	-	-	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	-	1	-	-	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	1	1	1
Comments:	The mine became subject to the MMER on September 1, 2007. The pH value for December was corrected from the quarterly report.												
Notes: ND: No Deposit	NMR: No Measurement Required			Pass: ≤50% Mortality				Fail: >50% Mortality					
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Seabee Mine												
Operator Name	Claude Resources Inc.												
Product(s)	Gold												
Address	P.O. Box 1230, LaRonge, Saskatchewan S0J 1L0												
Effluent Discharge Point	Final Discharge Point 1.2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0002	0.0001	0.0038	0.0043	0.0003	0.0002	0.0002	0.0001	0.0003	0.0002	0.0009	0.0020
Cu (mg/L)	0.3	0.0078	0.0061	0.0061	0.0102	0.0130	0.0099	0.0100	0.0073	0.0190	0.0140	0.0095	0.0095
CN (mg/L)	1.0	0.2980	0.0420	0.0040	0.0083	0.3880	0.0060	0.0080	0.0060	0.0135	0.0060	0.0450	0.0170
Pb (mg/L)	0.2	0.0004	0.0004	0.0002	0.0003	0.0002	0.0001	0.0003	0.0002	0.0004	0.0003	0.0003	0.0004
Ni (mg/L)	0.5	0.0140	0.0160	0.0160	0.0185	0.0180	0.0160	0.0180	0.0185	0.0175	0.0120	0.0105	0.0180
Zn (mg/L)	0.5	0.0068	0.0082	0.0078	0.0099	0.0076	0.0071	0.0067	0.0060	0.0074	0.0100	0.0144	0.0160
TSS (mg/L)	15	305.13	2.75	2.38	1.50	2.63	5.50	3.50	2.50	3.00	3.75	1.63	3.25
Ra-226 (Bq/L)	0.37	NMR	0.0025	NMR	NMR	0.0025	NMR	NMR	0.0063	0.0080	NMR	0.0113	NMR
pH low	≥6.0	7.4	7.2	7.7	7.5	7.3	7.7	7.3	7.5	7.6	7.6	7.8	7.7
pH high	≤9.5	7.8	7.8	7.8	8.0	7.8	7.9	7.8	7.7	7.7	7.7	8.0	7.8
Flow (m ³ /month)	—	121 000	101 566	112 686	109 458	118 185	105 487	111 069	109 451	99 732	96 931	100 000	98 340
Rainbow Trout	Pass	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR	NMR	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	-	NMR	1	NMR	NMR	1	NMR	NMR	NMR	1	NMR
Monitoring Test	Fail	-	1	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Seabee Mine												
Operator Name	Claude Resources Inc.												
Product(s)	Gold												
Address	P.O. Box 1230, LaRonge, Saskatchewan S0J 1L0												
Effluent Discharge Point	Final Discharge Point 1.3												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Seabee Mine												
Operator Name	Claude Resources Inc.												
Product(s)	Gold												
Address	P.O. Box 1230, LaRonge, Saskatchewan S0J 1L0												
Effluent Discharge Point	Final Discharge Point 1.5												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.0007	0.0007	0.0017	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	0.0093	0.0075	0.0353	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	0.3305	0.0218	0.0575	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	0.0002	0.0001	0.0008	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.0200	0.0143	0.0150	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	0.0056	0.0005	0.0026	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	7.00	2.75	2.50	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	0.0060	0.0025	0.0025	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	7.3	7.6	7.9	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	7.6	7.8	7.9	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	32 516	54 630	47 914	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	1	1	-	-	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	1	1	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	1	1	1	1	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: An acute lethality test was done on October 1, 2007, to confirm the result of the test done in September. However, the mine reported no effluent discharge in October.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Sigma												
Operator Name	Century Mining Corporation												
Product(s)	Gold												
Address	300 3rd Avenue, Val-d'Or, Quebec J9P 4N9												
Effluent Discharge Point	Final Effluent EFF1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0007	ND	0.0030	ND	0.0050	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0350	ND	0.0825	ND	0.0700	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	0.0120	ND	0.0300	ND	0.0120	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0005	ND	0.0020	ND	0.0005	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0095	ND	0.0055	ND	0.0050	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0020	ND	0.0005	ND	0.0010	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	5.00	ND	7.50	ND	6.00	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0017	ND	-	ND	-	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	8.0	ND	8.1	ND	8.2	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	8.1	ND	8.2	ND	8.2	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	93 600	ND	142 500	ND	115 200	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	ND	1	ND	-	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	ND	1	ND	-	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No toxicity test results were provided for September. No radium 226 test results were provided for July and September.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Snow Lake Mill												
Operator Name	Hudson Bay Mining and Smelting Co. Ltd.												
Product(s)	Copper-Zinc-Selenium-Tellurium-Silver												
Address	P.O. Box 1500, Flin Flon, Manitoba R8A 1N9												
Effluent Discharge Point	Anderson Lake Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0024	0.0028	0.0036	ND	ND	0.0023	0.0030	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0124	0.0083	0.0077	ND	ND	0.0088	0.0070	ND
CN (mg/L)	1.0	ND	ND	ND	ND	NMR	NMR	NMR	ND	ND	NMR	NMR	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0043	0.0017	0.0021	ND	ND	0.0044	0.0035	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0009	0.0007	0.0006	ND	ND	0.0013	0.0020	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0760	0.0398	0.0375	ND	ND	0.0555	0.0870	ND
TSS (mg/L)	15	ND	ND	ND	ND	1.75	0.88	0.70	ND	ND	2.53	0.45	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	NMR	0.0025	-	ND	ND	0.0025	0.0080	ND
pH low	≥6.0	ND	ND	ND	ND	7.9	8.1	8.2	ND	ND	7.8	8.0	ND
pH high	≤9.5	ND	ND	ND	ND	8.5	8.5	8.5	ND	ND	8.6	8.0	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	647 889	809 862	836 857	ND	ND	593 899	188 968	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	-	1	ND	ND	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	-	1	ND	ND	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: No toxicity test results were provided for July. No radium 226 test results were provided for the third quarter of 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Stock Mine and Mill Complex												
Operator Name	St Andrew Goldfields Ltd.												
Product(s)	Gold												
Address	Rural Route 2, Matheson, Ontario P0K 1N0												
Effluent Discharge Point	Direct Tailings Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	The mine became subject to the MMER on January 3, 2007.												
Notes: ND: No Deposit	NMR: No Measurement Required			Pass: ≤50% Mortality				Fail: >50% Mortality					
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month. A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Stock Mine and Mill Complex												
Operator Name	St Andrew Goldfields Ltd.												
Product(s)	Gold												
Address	Rural Route 2, Matheson, Ontario P0K 1N0												
Effluent Discharge Point	Polishing Pond Effluent												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.6527	ND	ND	0.3720	0.2538	0.2045	0.1758	0.1596	0.1455	0.1562	0.1835	ND
Cu (mg/L)	0.3	0.0440	ND	ND	0.0113	0.0150	0.0075	0.0040	0.0015	0.0015	0.0012	0.0156	ND
CN (mg/L)	1.0	0.3300	ND	ND	0.1500	0.0166	0.0193	0.0088	0.0086	0.0053	0.0247	0.0360	ND
Pb (mg/L)	0.2	0.0038	ND	ND	0.0051	0.0038	0.0038	0.0038	0.0038	0.0040	0.0040	0.0040	ND
Ni (mg/L)	0.5	0.3113	ND	ND	0.1703	0.0478	0.0468	0.0330	0.0232	0.0163	0.0170	0.0659	ND
Zn (mg/L)	0.5	0.0047	ND	ND	0.0043	0.0046	0.0040	0.0043	0.0014	0.0028	0.0017	0.0031	ND
TSS (mg/L)	15	5.00	ND	ND	5.27	12.14	4.38	10.78	11.40	12.30	16.58	10.45	ND
Ra-226 (Bq/L)	0.37	0.0050	ND	ND	0.0050	0.0050	0.0050	0.0100	-	0.0050	0.0100	NMR	ND
pH low	≥6.0	7.3	ND	ND	7.5	7.9	7.6	7.7	7.5	7.6	7.7	7.5	ND
pH high	≤9.5	7.5	ND	ND	7.8	8.3	7.9	7.9	8.0	8.0	8.0	8.2	ND
Flow (m ³ /month)	—	88 086	ND	ND	57 937	294 323	224 578	169 589	163 954	103 953	99 756	104 935	ND
Rainbow Trout	Pass	1	ND	ND	1	1	1	1	1	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	ND	ND	1	1	1	1	1	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on January 3, 2007. No radium 226 test result was provided in August. In order to reduce frequency of testing for radium 226, 10 consecutive tests must be conducted. For these tests, the concentration of radium 226 must be less than 0.037 Bq/L.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Strathcona Tailings Treatment System												
Operator Name	Falconbridge Ltd. / Xstrata Canada Corporation												
Product(s)	Nickel-Copper-Cobalt-Platinum-Palladium												
Address	Onaping, Ontario P0M 2R0												
Effluent Discharge Point	Fecunis RR Bridge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0017	0.0029	0.0025	0.0033	0.0035	0.0029	0.0018	0.0022	0.0022	0.0017	0.0024	0.0017
Cu (mg/L)	0.3	0.0059	0.0046	0.0127	0.0186	0.0106	0.0113	0.0085	0.0046	0.0028	0.0126	0.0142	0.0106
CN (mg/L)	1.0	0.0012	0.0025	0.0010	0.0010	0.0016	0.0020	0.0026	0.0021	0.0018	0.0010	0.0010	0.0010
Pb (mg/L)	0.2	0.0009	0.0003	0.0005	0.0001	0.0001	0.0014	0.0001	0.0002	0.0001	0.0002	0.0019	0.0004
Ni (mg/L)	0.5	0.0921	0.0960	0.1052	0.1248	0.0664	0.0630	0.0596	0.0506	0.0419	0.0566	0.0791	0.0663
Zn (mg/L)	0.5	0.0168	0.0066	0.0174	0.0056	0.0055	0.0100	0.0040	0.0034	0.0006	0.0050	0.0072	0.0076
TSS (mg/L)	15	0.39	0.20	0.25	0.70	0.47	1.83	0.82	0.65	0.30	0.43	0.36	0.43
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	NMR	0.0050	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR
pH low	≥6.0	7.9	8.2	7.7	7.5	7.2	7.3	7.5	7.3	7.3	7.3	7.2	7.4
pH high	≤9.5	8.3	8.6	8.5	7.6	7.5	7.8	7.6	7.5	7.6	7.5	7.6	7.8
Flow (m ³ /month)	—	2 231 373	1 569 172	908 324	964 975	926 405	1 887 627	1 456 415	1 332 805	1 080 523	954 625	1 160 944	1 271 763
Rainbow Trout	Pass	1	NMR	NMR	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	NMR	1	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of December 19, 2007, the ownership of Strathcona Tailings Treatment System has been transferred from Falconbridge Ltd. to Xstrata Canada Corporation.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Tanco Mine												
Operator Name	Tantalum Mining Corporation of Canada Ltd.												
Product(s)	Tantalum-Lithium-Cesium-Rubidium												
Address	P.O. Box 2000, Lac du Bonnet, Manitoba R0E 1A0												
Effluent Discharge Point	East Discharge (Phreatic Flow)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Tanco Mine												
Operator Name	Tantalum Mining Corporation of Canada Ltd.												
Product(s)	Tantalum-Lithium-Cesium-Rubidium												
Address	P.O. Box 2000, Lac du Bonnet, Manitoba R0E 1A0												
Effluent Discharge Point	West Discharge (Compliance Point)												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0036	0.0044	0.0061	0.0056	NMR	NMR	0.0038	0.0049	NMR	0.0040	NMR	0.0023
Cu (mg/L)	0.3	0.0013	0.0021	0.0028	0.0022	NMR	NMR	0.0011	0.0008	NMR	0.0017	NMR	0.0012
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0002	0.0003	0.0005	0.0006	NMR	NMR	0.0001	0.0002	NMR	0.0002	NMR	0.0001
Ni (mg/L)	0.5	0.0076	0.0109	0.0182	0.0215	NMR	NMR	0.0030	0.0035	NMR	0.0051	NMR	0.0062
Zn (mg/L)	0.5	0.0073	0.0054	0.0075	0.0110	NMR	NMR	0.0068	0.0060	NMR	0.0066	NMR	0.0040
TSS (mg/L)	15	4.75	4.17	7.25	8.20	7.50	9.25	10.60	11.50	10.00	8.75	8.20	6.00
Ra-226 (Bq/L)	0.37	0.0060	0.0090	0.0100	0.0200	NMR	NMR	0.0025	0.0090	NMR	0.0025	NMR	0.0100
pH low	≥6.0	6.7	7.0	6.8	6.9	8.5	6.7	8.9	8.2	7.7	7.6	7.4	7.0
pH high	≤9.5	7.3	7.5	7.1	9.4	9.4	9.6	9.7	9.5	8.9	8.2	7.9	7.5
Flow (m ³ /month)	—	295 041	199 799	273 474	315 103	201 432	273 420	254 256	281 201	172 883	256 510	209 231	203 862
Rainbow Trout	Pass	1	1	1	1	NMR	NMR	1	1	NMR	1	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	NMR	NMR	1	1	NMR	1	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Thompson Complex												
Operator Name	Vale Inco Ltd.												
Product(s)	Nickel-Copper												
Address	P.O. Box 5000, Thompson, Manitoba R8N 1P3												
Effluent Discharge Point	Misery Weir												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0060	0.0063	0.0067	0.0075	0.0056	0.0057	0.0065	0.0067	0.0048	0.0063	0.0055	0.0056
Cu (mg/L)	0.3	0.0330	0.0048	0.0050	0.0388	0.0242	0.0058	0.0103	0.0144	0.0173	0.0050	0.0098	0.0050
CN (mg/L)	1.0	NMR	NMR	0.0010	NMR	0.0010	NMR	0.0020	0.0010	NMR	NMR	0.0010	NMR
Pb (mg/L)	0.2	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Ni (mg/L)	0.5	0.3175	0.3750	0.3175	0.3200	0.2660	0.2575	0.2275	0.2000	0.2525	0.2760	0.3725	0.4213
Zn (mg/L)	0.5	0.0525	0.0150	0.0125	0.0175	0.0286	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
TSS (mg/L)	15	0.88	1.50	1.05	1.00	6.16	6.60	3.95	6.00	4.50	4.00	2.50	3.25
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0025	NMR	0.0025	NMR	0.0090	0.0060	NMR	NMR	0.0100	NMR
pH low	≥6.0	9.0	8.6	8.7	8.5	7.9	8.2	8.3	8.3	8.0	7.2	8.0	8.9
pH high	≤9.5	9.7	9.0	9.2	8.7	8.4	8.4	8.5	8.4	8.3	8.2	8.9	9.3
Flow (m ³ /month)	—	2 922 936	2 090 424	3 041 627	3 163 928	6 034 107	4 815 818	3 613 469	4 206 886	3 534 158	5 293 746	5 779 358	3 999 504
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Thompson Complex												
Operator Name	Vale Inco Ltd.												
Product(s)	Nickel-Copper												
Address	P.O. Box 5000, Thompson, Manitoba R8N 1P3												
Effluent Discharge Point	Station B												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0036	0.0035	0.0031	0.0049	0.0104	0.0143	0.0148	0.0085	0.0050	0.0058	0.0036	0.0038
Cu (mg/L)	0.3	0.0170	0.0050	0.0044	0.0050	0.0110	0.0043	0.0083	0.0079	0.0105	0.0050	0.0088	0.0050
CN (mg/L)	1.0	NMR	NMR	0.0010	NMR	0.0010	NMR	0.0010	0.0010	NMR	NMR	0.0010	NMR
Pb (mg/L)	0.2	0.0200	0.0150	0.0131	0.0188	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150	0.0150
Ni (mg/L)	0.5	0.2920	0.2600	0.2750	0.2925	0.3380	0.2550	0.1800	0.1960	0.2775	0.2600	0.3450	0.3125
Zn (mg/L)	0.5	0.0295	0.0300	0.0381	0.0325	0.0220	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050
TSS (mg/L)	15	2.40	1.75	1.25	1.20	4.20	2.20	2.30	2.88	5.10	3.60	3.25	2.50
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0025	NMR	0.0025	NMR	0.0025	0.0025	NMR	NMR	0.1100	NMR
pH low	≥6.0	6.8	6.9	6.6	6.5	7.4	8.2	7.3	7.2	7.4	7.2	6.4	6.7
pH high	≤9.5	7.5	7.0	6.9	6.9	8.4	9.1	8.8	7.6	7.7	7.8	7.1	7.2
Flow (m ³ /month)	—	1 135 639	1 790 208	2 464 128	2 527 200	1 944 518	855 360	850 392	1 710 103	1 373 760	1 371 341	1 177 845	1 093 040
Rainbow Trout	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Tio (Mine)												
Operator Name	QIT-Fer et Titane Inc.												
Product(s)	Iron-Titanium												
Address	951 De l'Escale Boulevard, Havre St-Pierre, Quebec G0G 1P0												
Effluent Discharge Point	Switch South												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0005	0.0005	0.0005	0.0005	0.0010	0.0007	0.0005	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	0.0436	0.0205	0.0403	0.0543	0.1130	0.0665	0.0528	0.0315	0.0593	0.0854	0.0840	0.0928
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0006	0.0006	0.0006	0.0005	0.0006	0.0009	0.0007	0.0008	0.0008	0.0005	0.0005	0.0008
Ni (mg/L)	0.5	0.4980	0.4400	0.3975	0.4375	0.4160	0.4550	0.5100	0.3050	0.4767	0.4480	0.3970	0.4250
Zn (mg/L)	0.5	0.0644	0.0590	0.0650	0.0748	0.0742	0.0610	0.0532	0.0410	0.0563	0.0606	0.0563	0.0673
TSS (mg/L)	15	1.30	1.00	1.75	3.00	6.60	5.25	5.20	1.00	4.33	5.00	12.33	7.50
Ra-226 (Bq/L)	0.37	0.0060	0.0091	0.0113	0.0106	0.0056	0.0064	0.0072	0.0038	0.0080	0.0056	NMR	0.0200
pH low	≥6.0	7.5	7.5	7.4	7.1	7.1	7.3	7.4	7.6	7.5	7.3	7.3	6.2
pH high	≤9.5	7.6	7.8	7.8	7.6	7.5	7.5	7.6	7.7	7.6	7.5	7.5	7.5
Flow (m ³ /month)	—	1 743	2 536	3 900	31 891	63 366	16 590	12 044	46	15 614	41 996	39 370	6 447
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	NMR	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	1	1	1	1	1	1	1	1	1	NMR	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine is on reduced frequency testing for acute lethality.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Tio (Mine)												
Operator Name	QIT-Fer et Titane Inc.												
Product(s)	Iron-Titanium												
Address	951 De l'Escale Boulevard, Havre St-Pierre, Quebec G0G 1P0												
Effluent Discharge Point	Lake 211.4												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0005	0.0011	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0083	0.0110	0.0144	0.0233	0.0130	0.0134	0.0115	0.0130
CN (mg/L)	1.0	ND	ND	ND	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0009	0.0006	0.0007	0.0009	0.0005	0.0005	0.0009	0.0005
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0740	0.1048	0.1920	0.3975	0.1975	0.1920	0.1950	0.3000
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0180	0.0190	0.0298	0.0455	0.0330	0.0358	0.0375	0.0520
TSS (mg/L)	15	ND	ND	ND	ND	1.0	1.3	1.0	1.7	1.0	0.6	0.5	0.5
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0025	0.0025	0.0030	0.0037	0.0025	0.0032	NMR	NMR
pH low	≥6.0	ND	ND	ND	ND	6.5	6.6	6.7	6.9	6.9	6.7	6.6	6.6
pH high	≤9.5	ND	ND	ND	ND	6.9	7.2	7.1	7.2	7.2	7.1	6.8	6.6
Flow (m ³ /month)	—	ND	ND	ND	ND	36 195	18 443	6 845	1 488	7 182	16 672	10 917	5 695
Rainbow Trout	Pass	ND	ND	ND	ND	1	1	1	1	1	1	1	-
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	1	1	1	1	1	1	-
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for December.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Tio (Mine)												
Operator Name	QIT-Fer et Titane Inc.												
Product(s)	Iron-Titanium												
Address	951 De l'Escale Boulevard, Havre St-Pierre, Quebec G0G 1P0												
Effluent Discharge Point	Grondin Lake												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Tio (Mine)												
Operator Name	QIT-Fer et Titane Inc.												
Product(s)	Iron-Titanium												
Address	951 De l'Escale Boulevard, Havre St-Pierre, Quebec G0G 1P0												
Effluent Discharge Point	Resurgence Leo												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	0.0344	0.0313	0.0245	0.0225	0.0258	0.0283	0.0296	0.0553	0.0623	0.0290	0.0160	0.0190
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0005	0.0005	0.0005	0.0009	0.0005	0.0005	0.0005	0.0013	0.0005	0.0005	0.0005	0.0005
Ni (mg/L)	0.5	1.0140	1.6500	1.4500	1.0925	0.5540	0.6425	0.6140	0.8125	0.6500	0.5320	0.5550	0.8975
Zn (mg/L)	0.5	0.0862	0.1000	0.0835	0.0735	0.0538	0.0575	0.0584	0.0928	0.0795	0.0558	0.0420	0.0508
TSS (mg/L)	15	1.10	1.13	3.38	1.13	1.40	0.63	0.80	1.63	0.50	0.50	0.50	1.13
Ra-226 (Bq/L)	0.37	0.0045	0.0044	0.0038	0.0034	0.0040	0.0034	0.0037	0.0053	0.0048	0.0030	0.0025	0.0100
pH low	≥6.0	7.3	7.1	7.2	7.4	7.4	7.4	6.8	6.9	6.9	7.0	7.4	6.9
pH high	≤9.5	7.6	7.4	7.6	7.5	7.5	7.4	7.3	7.1	7.2	7.4	7.5	7.5
Flow (m ³ /month)	—	136 241	48 649	31 969	151 083	222 203	136 446	174 252	93 335	169 141	235 291	353 819	25 754
Rainbow Trout	Pass	1	1	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	-	1	1	1	1	1	-	-	1	1	1
Monitoring Test	Fail	-	1	-	-	-	-	-	1	1	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Totten Mine												
Operator Name	Vale Inco Ltd.												
Product(s)	Nickel-Copper and Precious Metals												
Address	6 C. Johnson Road, Worthington, Ontario P0M3H0												
Effluent Discharge Point	Totten Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	-	-	-	-	0.0023	0.0023	ND	0.0010	0.0015
Cu (mg/L)	0.3	-	-	-	-	-	-	-	0.0023	0.0028	ND	0.0043	0.0010
CN (mg/L)	1.0	-	-	-	-	-	-	-	NMR	NMR	ND	NMR	NMR
Pb (mg/L)	0.2	-	-	-	-	-	-	-	0.0150	0.0173	ND	0.0150	0.0150
Ni (mg/L)	0.5	-	-	-	-	-	-	-	0.0090	0.0098	ND	0.0240	0.0503
Zn (mg/L)	0.5	-	-	-	-	-	-	-	0.0050	0.0057	ND	0.0170	0.0163
TSS (mg/L)	15	-	-	-	-	-	-	-	17.00	13.35	ND	3.60	4.85
Ra-226 (Bq/L)	0.37	-	-	-	-	-	-	-	0.0010	0.0038	ND	0.0063	0.0098
pH low	≥6.0	-	-	-	-	-	-	-	6.2	6.9	ND	6.4	6.7
pH high	≤9.5	-	-	-	-	-	-	-	6.4	7.3	ND	8.3	7.1
Flow (m ³ /month)	—	-	-	-	-	-	-	-	2 292	37 691	ND	82 110	103 199
Rainbow Trout	Pass	-	-	-	-	-	-	-	1	1	ND	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	-	-	1	1	ND	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: The mine became subject to the MMER on August 29, 2007.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Troilus												
Operator Name	Corporation minière Inmet												
Product(s)	Gold-Copper												
Address	P.O. Box 8700, Chibougamau, Quebec G8P 3A9												
Effluent Discharge Point	BS-1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	-	-	0.0009	0.0007	0.0011	0.0005	0.0115	0.0044	0.0009	0.0010	0.0016
Cu (mg/L)	0.3	-	-	-	0.0125	0.0170	0.0088	0.0078	0.0035	0.0078	0.0046	0.0003	0.0067
CN (mg/L)	1.0	-	-	-	NMR	NMR	0.0110	0.0490	0.0025	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	-	-	-	0.0013	0.0005	0.0009	0.0010	0.0005	0.0006	0.0005	0.0003	0.0017
Ni (mg/L)	0.5	-	-	-	0.0150	0.0140	0.0088	0.0216	0.0183	0.0210	0.0248	0.0220	0.0201
Zn (mg/L)	0.5	-	-	-	0.0175	0.0130	0.0075	0.0043	0.0048	0.0153	0.0114	0.0130	0.0210
TSS (mg/L)	15	-	-	-	8.00	10.40	5.75	5.60	5.00	9.50	7.00	4.00	9.00
Ra-226 (Bq/L)	0.37	-	-	-	0.0275	0.0248	0.0358	0.0540	0.0398	0.0335	0.0493	0.0510	0.0710
pH low	≥6.0	-	-	-	7.7	7.9	8.1	8.0	8.0	7.9	6.9	7.9	7.7
pH high	≤9.5	-	-	-	8.1	8.0	8.4	8.4	8.1	8.1	7.9	7.9	7.7
Flow (m ³ /month)	—	-	-	-	133 200	130 200	120 660	167 400	140 160	231 840	123 120	10 080	8 160
Rainbow Trout	Pass	-	-	-	-	-	1	1	1	1	1	-	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	-	-	-	1	1	1	1	1	-	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	This new final discharge point became subject to the MMER in April 2007. No toxicity test results were provided for April, May and November 2007.												

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Troilus												
Operator Name	Corporation minière Inmet												
Product(s)	Gold-Copper												
Address	P.O. Box 8700, Chibougamau, Quebec G8P 3A9												
Effluent Discharge Point	BS-2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	NMR	0.0005	NMR	NMR	0.0005	ND	ND	-	0.0030	NMR	NMR
Cu (mg/L)	0.3	NMR	NMR	0.0100	NMR	NMR	0.0100	ND	ND	-	0.0090	NMR	NMR
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	ND	ND	NMR	0.0050	NMR	NMR
Pb (mg/L)	0.2	NMR	NMR	0.0005	NMR	NMR	0.0005	ND	ND	-	0.0010	NMR	NMR
Ni (mg/L)	0.5	NMR	NMR	0.0100	NMR	NMR	0.0100	ND	ND	-	0.0210	NMR	NMR
Zn (mg/L)	0.5	0.0640	0.0150	0.0567	0.0450	0.0375	0.0333	ND	ND	0.0840	0.0754	0.0655	0.0459
TSS (mg/L)	15	4.20	5.75	4.00	10.00	7.60	7.00	ND	ND	18.00	11.40	7.25	11.80
Ra-226 (Bq/L)	0.37	0.0192	0.0448	0.0243	0.0168	0.0200	0.0243	ND	ND	0.0130	0.0310	0.0285	0.0390
pH low	≥6.0	7.8	7.7	7.9	7.0	7.9	8.0	ND	ND	7.9	6.4	7.9	7.8
pH high	≤9.5	8.0	8.0	8.1	8.0	8.1	8.3	ND	ND	7.9	8.1	8.0	7.9
Flow (m ³ /month)	—	453 840	271 920	9 983	287 280	290 904	251 400	ND	ND	183 192	395 000	367 200	228 240
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	ND	ND	-	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	ND	ND	-	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for the third quarter, nor test results for As, Cu, Pb and Ni.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Troilus												
Operator Name	Corporation minière Inmet												
Product(s)	Gold-Copper												
Address	P.O. Box 8700, Chibougamau, Quebec G8P 3A9												
Effluent Discharge Point	PR-1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	NMR	0.0010	NMR	NMR	0.0005	0.0010	NMR	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	NMR	NMR	0.0200	NMR	NMR	0.0050	0.0030	NMR	NMR	0.0040	NMR	NMR
CN (mg/L)	1.0	0.0040	0.0099	0.0055	0.0063	0.0032	0.0083	0.0066	0.0025	0.0048	0.0030	0.0128	0.0085
Pb (mg/L)	0.2	NMR	NMR	0.0005	NMR	NMR	0.0005	0.0005	NMR	NMR	0.0020	NMR	NMR
Ni (mg/L)	0.5	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0060	NMR	NMR	0.0050	NMR	NMR
Zn (mg/L)	0.5	NMR	NMR	0.0100	NMR	NMR	0.1500	0.0553	0.0110	0.0685	0.0071	0.0044	0.0081
TSS (mg/L)	15	2.80	3.25	5.75	9.25	13.60	5.25	5.60	5.00	4.00	7.80	4.75	4.40
Ra-226 (Bq/L)	0.37	NMR	NMR	0.0130	NMR	NMR	0.0030	0.0050	NMR	NMR	0.0030	NMR	0.0040
pH low	≥6.0	6.5	6.6	6.6	6.3	6.4	7.4	6.9	7.2	6.4	6.7	6.4	6.4
pH high	≤9.5	7.3	6.9	7.0	6.7	7.9	7.6	8.1	7.6	6.9	7.7	7.0	7.3
Flow (m ³ /month)	—	14 880	13 440	198 450	630 720	406 224	640 800	461 088	54 000	245 232	505 050	238 680	113 520
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	-	-	-	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	-	-	-	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for the third quarter.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Troilus												
Operator Name	Corporation minière Inmet												
Product(s)	Gold-Copper												
Address	P.O. Box 8700, Chibougamau, Quebec G8P 3A9												
Effluent Discharge Point	PR-2												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	NMR	0.0020	NMR	NMR	0.0005	0.0005	0.0005	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	NMR	NMR	0.0100	NMR	NMR	0.0050	0.0020	0.0030	NMR	0.0040	NMR	NMR
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	0.0090	0.0025	NMR	0.0080	NMR	NMR
Pb (mg/L)	0.2	NMR	NMR	0.0005	NMR	NMR	0.0005	0.0005	0.0005	NMR	0.0030	NMR	NMR
Ni (mg/L)	0.5	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0040	0.0200	NMR	0.0020	NMR	NMR
Zn (mg/L)	0.5	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0160	0.0140	NMR	0.0200	NMR	NMR
TSS (mg/L)	15	3.40	2.75	5.50	4.50	3.60	3.50	5.80	4.85	2.00	3.00	3.00	5.40
Ra-226 (Bq/L)	0.37	0.0510	0.0533	0.0558	0.0498	0.0498	0.0378	0.0344	0.0463	0.0428	0.0428	0.0483	0.0570
pH low	≥6.0	6.8	6.6	6.9	6.9	6.8	7.6	7.1	7.1	6.9	6.6	6.8	6.8
pH high	≤9.5	7.2	6.9	7.1	7.3	7.5	7.9	7.7	8.0	7.3	7.3	7.2	7.0
Flow (m ³ /month)	—	55 800	47 040	53 940	62 280	66 067	63 540	5 432	55 080	68 508	75 739	66 960	56 246
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Troilus												
Operator Name	Corporation minière Inmet												
Product(s)	Gold-Copper												
Address	P.O. Box 8700, Chibougamau, Quebec G8P 3A9												
Effluent Discharge Point	PR-5												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	-	ND	ND	NMR	NMR	0.0005	0.0005	0.0005	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	-	ND	ND	NMR	NMR	0.0050	0.0030	0.0020	NMR	0.0040	NMR	NMR
CN (mg/L)	1.0	NMR	ND	ND	NMR	NMR	NMR	0.0025	0.0110	NMR	0.0025	NMR	NMR
Pb (mg/L)	0.2	-	ND	ND	NMR	NMR	0.0005	0.0005	0.0005	NMR	0.0020	NMR	NMR
Ni (mg/L)	0.5	-	ND	ND	NMR	NMR	0.0050	0.0040	0.0040	NMR	0.0010	NMR	NMR
Zn (mg/L)	0.5	0.0063	ND	ND	NMR	NMR	0.0050	0.0150	0.0160	NMR	0.0180	NMR	NMR
TSS (mg/L)	15	3.50	ND	ND	3.50	6.00	3.75	4.80	4.60	5.00	4.60	3.75	5.60
Ra-226 (Bq/L)	0.37	0.0445	ND	ND	0.0285	0.0450	0.0313	0.0316	0.0373	0.0368	0.0320	0.0323	0.0344
pH low	≥6.0	6.8	ND	ND	6.8	6.9	7.5	7.2	7.1	7.0	7.8	6.9	6.8
pH high	≤9.5	7.1	ND	ND	7.1	7.5	7.9	7.9	7.2	7.4	7.4	7.1	7.1
Flow (m ³ /month)	—	4 512	ND	ND	8 880	17 186	19 800	14 880	68 400	18 000	20 207	18 814	21 427
Rainbow Trout	Pass	-	ND	ND	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	ND	ND	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	No toxicity test results were provided for the first quarter, nor test results for As, Cu, Pb, and Ni.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Troilus												
Operator Name	Corporation minière Inmet												
Product(s)	Gold-Copper												
Address	P.O. Box 8700, Chibougamau, Quebec G8P 3A9												
Effluent Discharge Point	PR-6												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	NMR	0.0020	NMR	NMR	0.0005	0.0005	0.0005	0.0005	0.0005	NMR	NMR
Cu (mg/L)	0.3	NMR	NMR	0.0100	NMR	NMR	0.0050	0.0030	0.0030	NMR	0.0020	NMR	NMR
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	0.0080	0.0025	NMR	0.0025	NMR	NMR
Pb (mg/L)	0.2	NMR	NMR	0.0005	NMR	NMR	0.0005	0.0005	0.0005	NMR	0.0005	NMR	NMR
Ni (mg/L)	0.5	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0040	0.0030	NMR	0.0010	NMR	NMR
Zn (mg/L)	0.5	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0210	0.0240	NMR	0.0230	NMR	NMR
TSS (mg/L)	15	8.20	5.00	7.00	5.50	6.00	4.25	6.60	6.75	3.75	4.60	3.50	6.20
Ra-226 (Bq/L)	0.37	0.0450	0.0433	0.0483	0.0353	0.0356	0.0303	0.0376	0.0343	0.0320	0.0316	0.0350	0.0502
pH low	≥6.0	6.8	6.7	6.9	6.9	6.5	7.5	7.0	7.0	6.9	6.7	6.9	6.8
pH high	≤9.5	7.1	7.1	7.3	7.2	7.7	8.0	7.8	7.4	7.3	7.3	7.0	7.3
Flow (m ³ /month)	—	5 568	4 032	4 464	5 640	6 138	7 632	5 104	4 500	5 926	6 623	5 328	5 580
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Troilus												
Operator Name	Corporation minière Inmet												
Product(s)	Gold-Copper												
Address	P.O. Box 8700, Chibougamau, Quebec G8P 3A9												
Effluent Discharge Point	PR-7												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	NMR	NMR	0.0030	NMR	NMR	0.0005	0.0005	0.0005	NMR	0.0005	NMR	NMR
Cu (mg/L)	0.3	NMR	NMR	0.0100	NMR	NMR	0.0050	0.0020	0.0010	NMR	0.0010	NMR	NMR
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	0.0025	0.0025	NMR	0.0025	NMR	NMR
Pb (mg/L)	0.2	NMR	NMR	0.0005	NMR	NMR	0.0005	0.0005	0.0005	NMR	0.0005	NMR	NMR
Ni (mg/L)	0.5	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0110	0.0090	NMR	0.0050	NMR	NMR
Zn (mg/L)	0.5	NMR	NMR	0.0050	NMR	NMR	0.0050	0.0150	0.0090	NMR	0.0160	NMR	NMR
TSS (mg/L)	15	6.20	8.25	4.75	10.25	11.40	63.50	19.80	12.00	15.00	9.00	3.25	11.80
Ra-226 (Bq/L)	0.37	0.0860	0.0778	0.0813	0.0875	0.0836	0.0585	0.0754	0.0840	0.0790	0.0758	0.0933	0.0860
pH low	≥6.0	6.4	6.3	6.5	6.4	6.6	7.1	6.4	6.4	6.4	6.3	6.4	6.4
pH high	≤9.5	6.7	6.6	6.8	6.7	7.4	7.7	7.5	6.6	6.7	6.8	6.7	6.6
Flow (m ³ /month)	—	4 824	4 368	4 612	4 176	4 240	4 968	3 325	3 300	3 600	4 077	4 176	5 133
Rainbow Trout	Pass	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	NMR	NMR	1	NMR	NMR	1	NMR	1	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Trout Lake Mine												
Operator Name	Hudson Bay Mining and Smelting Co. Ltd.												
Product(s)	Copper-Zinc-Gold-Silver												
Address	P.O. Box 1500, Flin Flon, Manitoba R8A 1N9												
Effluent Discharge Point	Trout Lake Surface Sump Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0034	0.0025	0.0025	0.0025	0.0028	0.0025	0.0036	0.0020	0.0025	0.0015	0.0018	0.0018
Cu (mg/L)	0.3	0.0268	0.0498	0.0322	0.0381	0.0369	0.0261	0.0317	0.0560	0.2025	0.0620	0.0520	0.0372
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0066	0.0128	0.0050	0.0149	0.0089	0.0080	0.0042	0.0270	0.0211	0.0078	0.0093	0.0175
Ni (mg/L)	0.5	0.0042	0.0038	0.0035	0.0032	0.0035	0.0036	0.0035	0.0029	0.0059	0.0045	0.0063	0.0078
Zn (mg/L)	0.5	0.0480	0.1677	0.1552	0.1619	0.1233	0.0888	0.0600	0.1748	0.3952	0.1645	0.1610	0.1568
TSS (mg/L)	15	2.10	3.68	0.98	1.30	5.26	2.03	0.70	2.30	3.75	2.45	1.13	1.25
Ra-226 (Bq/L)	0.37	0.0740	0.1475	0.0700	0.2225	0.1600	0.2500	0.1000	0.1000	0.0350	0.0900	0.1025	0.1360
pH low	≥6.0	8.1	7.7	8.4	8.4	8.6	8.2	8.1	8.2	8.0	7.7	7.5	7.3
pH high	≤9.5	8.3	8.8	8.9	8.5	9.4	8.7	8.5	8.2	8.7	8.4	8.1	8.2
Flow (m ³ /month)	—	29 800	24 900	31 800	28 800	23 200	31 900	32 800	8 900	5 500	5 500	20 500	20 700
Rainbow Trout	Pass	1	1	1	1	1	1	1	NMR	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	-	1	-	-	-	-	NMR	1	-	-	-
Monitoring Test	Fail	1	1	-	1	1	1	1	-	-	1	1	1

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Voisey's Bay Mine - Mill												
Operator Name	Voisey's Bay Nickel Company Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt												
Address	Suite 700, Baine Johnston Centre, 10 Fort William Place, St. John's, Newfoundland and Labrador A1C 1K4												
Effluent Discharge Point	Port Site Sediment Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Voisey's Bay Mine - Mill has been transferred from Voisey's Nickel Company Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Voisey's Bay Mine - Mill												
Operator Name	Voisey's Bay Nickel Company Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt												
Address	Suite 700, Baine Johnston Centre, 10 Fort William Place, St. John's, Newfoundland and Labrador A1C 1K4												
Effluent Discharge Point	Sedimentation Pond A Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Voisey's Bay Mine - Mill has been transferred from Voisey's Nickel Company Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Voisey's Bay Mine - Mill												
Operator Name	Voisey's Bay Nickel Company Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt												
Address	Suite 700, Baine Johnston Centre, 10 Fort William Place, St. John's, Newfoundland and Labrador A1C 1K4												
Effluent Discharge Point	Sedimentation Pond B												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Voisey's Bay Mine - Mill has been transferred from Voisey's Nickel Company Ltd. to CV Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Voisey's Bay Mine – Mill												
Operator Name	Voisey's Bay Nickel Company Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt												
Address	Suite 700, Baine Johnston Centre, 10 Fort William Place, St. John's, Newfoundland and Labrador A1C 1K4												
Effluent Discharge Point	South of Ovoid Final Discharge Point												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	0.0010	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	0.0180	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	NMR	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	0.0025	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	0.0260	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	0.0260	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	140.00	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	0.0060	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	6.3	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	6.3	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	600	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	1	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Voisey's Bay Mine – Mill has been transferred from Voisey's Nickel Company Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Voisey's Bay Mine - Mill												
Operator Name	Voisey's Bay Nickel Company Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt												
Address	Suite 700, Baine Johnston Centre, 10 Fort William Place, St. John's, Newfoundland and Labrador A1C 1K4												
Effluent Discharge Point	South Sedimentation Pond												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments: As of January 8, 2007, the ownership of Voisey's Bay Mine - Mill has been transferred from Voisey's Nickel Company Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit

NMR: No Measurement Required

Pass: ≤50% Mortality

Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Voisey's Bay Mine - Mill												
Operator Name	Voisey's Bay Nickel Company Ltd. / Vale Inco Ltd.												
Product(s)	Nickel-Copper-Cobalt												
Address	Suite 700, Baine Johnston Centre, 10 Fort William Place, St. John's, Newfoundland and Labrador A1C 1K4												
Effluent Discharge Point	Treated Effluent Final Discharge Point												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0200	0.0157
Cu (mg/L)	0.3	0.0200	0.0200	0.0200	0.0527	0.0200	0.0200	0.0200	0.0200	0.0237	0.0200	0.0200	0.0157
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0025	0.0020
Ni (mg/L)	0.5	0.0543	0.0193	0.0115	0.0126	0.0125	0.0363	0.0154	0.0130	0.0100	0.0414	0.0100	0.0111
Zn (mg/L)	0.5	0.0730	0.0590	0.0508	0.0500	0.0500	0.0500	0.0500	0.0500	0.0927	0.0500	0.0500	0.0393
TSS (mg/L)	15	1.65	4.18	3.81	1.77	6.42	4.27	1.74	2.43	8.63	8.23	3.82	3.77
Ra-226 (Bq/L)	0.37	0.0031	0.0035	0.0025	0.0040	0.0025	0.0025	0.0025	0.0036	0.0032	0.0025	0.0065	0.0043
pH low	≥6.0	6.4	6.4	6.8	7.8	7.5	7.2	7.7	8.4	8.3	7.9	7.9	8.3
pH high	≤9.5	7.6	7.6	8.2	8.8	8.9	9.1	8.9	8.9	8.9	9.1	8.9	8.9
Flow (m ³ /month)	—	419 231	370 746	481 164	512 407	547 279	501 392	352 649	349 118	384 050	546 369	385 277	480 145
Rainbow Trout	Pass	1	1	1	1	2	1	1	1	1	1	1	2
Acute Lethality Test	Fail	-	-	-	1	-	-	-	-	-	-	-	1
<i>Daphnia magna</i>	Pass	1	-	-	-	-	-	-	-	1	1	1	1
Monitoring Test	Fail	-	1	1	2	2	1	1	1	-	-	-	2

Comments: As of January 8, 2007, the ownership of Voisey's Bay Mine - Mill has been transferred from Voisey's Nickel Company Ltd. to CVRD Inco Ltd. As of November 29, 2007, the company name changed from CVRD Inco Ltd. to Vale Inco Ltd.

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	East Pit Dewatering East												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	ND	ND	0.0008	0.0013	0.0015	0.0008	0.0018	0.0023	0.0005	0.0017	0.0005	0.0008
CN (mg/L)	1.0	ND	ND	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	ND	ND	0.0010	0.0028	0.0010	0.0010	0.0010	0.0010	0.0010	0.0016	0.0015	0.0010
Ni (mg/L)	0.5	ND	ND	0.0007	0.0008	0.0006	0.0005	0.0016	0.0013	0.0006	0.0011	0.0011	0.0010
Zn (mg/L)	0.5	ND	ND	0.0025	0.0036	0.0071	0.0108	0.0100	0.0101	0.0139	0.0125	0.0129	0.0061
TSS (mg/L)	15	ND	ND	29.67	21.25	25.80	5.25	202.60	54.00	15.25	15.40	1.50	16.50
Ra-226 (Bq/L)	0.37	ND	ND	0.0050	0.0050	0.0050	0.0050	0.0050	NMR	NMR	0.0050	NMR	NMR
pH low	≥6.0	ND	ND	7.1	6.6	6.7	6.8	6.7	6.9	6.8	6.6	6.7	6.4
pH high	≤9.5	ND	ND	7.2	7.0	7.1	7.2	7.2	7.1	7.1	7.1	7.2	7.0
Flow (m ³ /month)	—	ND	ND	173 154	302 668	729 577	703 450	921 805	539 495	493 425	525 862	475 277	558 088
Rainbow Trout	Pass	ND	ND	1	1	1	1	1	1	1	1	1	1
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	1	1	1	1	1	1	1	1	1	1
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	This new final discharge point became subject to the MMER in March 2007.												
Notes: ND: No Deposit	NMR: No Measurement Required												
	Pass: ≤50% Mortality												
	Fail: >50% Mortality												
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	East Pit No. 1 Dewatering												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	East Pit No. 2 Dewatering												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	0.0009	0.0006	0.0008	0.0015	0.0014	0.0006	0.0007	0.0006	0.0006	0.0005	0.0006	0.0006
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0013	0.0010
Ni (mg/L)	0.5	0.0005	0.0008	0.0006	0.0009	0.0009	0.0009	0.0006	0.0005	0.0006	0.0011	0.0010	0.0005
Zn (mg/L)	0.5	0.0031	0.0222	0.0080	0.0064	0.0224	0.0054	0.0091	0.0053	0.0068	0.0063	0.0040	0.0096
TSS (mg/L)	15	1.50	5.40	5.75	11.25	6.60	4.75	5.20	6.25	9.50	2.00	2.75	1.50
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	0.0100	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR
pH low	≥6.0	6.4	6.5	6.7	6.2	6.6	6.6	6.5	6.6	6.5	6.5	6.2	6.3
pH high	≤9.5	7.2	6.8	6.9	6.7	6.7	6.9	7.1	6.9	6.8	6.9	7.1	7.0
Flow (m ³ /month)	—	832 993	799 756	915 370	507 193	595 394	984 239	754 987	594 330	537 521	653 397	526 493	521 434
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	Knoll Lake Inflow												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0006	0.0005	0.0005	0.0029	0.0021	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Cu (mg/L)	0.3	0.0023	0.0010	0.0010	0.0015	0.0023	0.0010	0.0013	0.0025	0.0024	0.0014	0.0051	0.0021
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0010	0.0009	0.0010	0.0010	0.0020	0.0010	0.0010	0.0010	0.0010	0.0010	0.0058	0.0010
Ni (mg/L)	0.5	0.0018	0.0009	0.0010	0.0010	0.0019	0.0010	0.0012	0.0009	0.0019	0.0011	0.0046	0.0011
Zn (mg/L)	0.5	0.0139	0.0071	0.0083	0.0098	0.0126	0.0074	0.0114	0.0071	0.0163	0.0110	0.0125	0.0069
TSS (mg/L)	15	14.75	27.60	36.25	19.00	26.20	40.75	37.80	23.25	59.50	36.80	47.00	20.00
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR
pH low	≥6.0	6.4	6.7	6.8	6.5	6.6	6.7	6.5	6.6	6.6	6.6	6.6	6.6
pH high	≤9.5	7.2	7.1	7.2	7.1	7.1	7.0	7.1	7.1	7.0	7.0	7.4	7.1
Flow (m ³ /month)	—	472 348	456 160	698 719	935 619	866 835	632 019	476 595	528 709	402 008	471 107	381 378	250 727
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	Loadout Ditch Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	ND	0.0005	0.0005	0.0005	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	0.0080	ND	0.0035	0.0048	0.0052	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	NMR	ND	NMR	NMR	NMR	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	0.0020	ND	0.0015	0.0013	0.0012	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	0.0160	ND	0.0375	0.0050	0.0030	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	0.0650	ND	0.0385	0.0358	0.0352	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	5.00	ND	56.50	43.75	14.00	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	0.0050	ND	NMR	0.0050	NMR	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	3.0	ND	3.4	2.9	6.6	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	3.0	ND	6.6	6.6	7.0	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	371	ND	964	8 388	1 401	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	-	ND	1	1	2	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	1	-	-	1	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	-	ND	1	1	2	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	1	-	-	1	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	Shops East Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 NMR: No Measurement Required
 Pass: ≤50% Mortality
 Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	Shops South Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	Tailings Discharge												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0010	0.0005	0.0006	0.0008	0.0007	0.0009	0.0005	0.0023	0.0009	0.0006	0.0015
Cu (mg/L)	0.3	0.0110	0.0048	0.0233	0.0123	0.0260	0.0120	0.0324	0.0229	0.0515	0.0795	0.0483	0.0171
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0088	0.0048	0.0250	0.0243	0.0180	0.0143	0.0232	0.0223	0.1100	0.1303	0.1305	0.0443
Ni (mg/L)	0.5	0.0146	0.0048	0.0330	0.0213	0.0416	0.0260	0.0802	0.0263	0.0395	0.1285	0.0775	0.0230
Zn (mg/L)	0.5	0.0318	0.0160	0.0790	0.0868	0.0894	0.0597	0.1462	0.0805	0.3265	0.2885	0.2020	0.0795
TSS (mg/L)	807 660	485 375	509 040	428 600	534 850	691 520	493 400	620 360	832 075	529 075	577 125	563 745	608 450
Ra-226 (Bq/L)	0.37	0.0100	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0050	NMR	NMR
pH low	≥6.0	6.2	6.5	6.9	6.3	6.5	6.4	6.5	6.4	6.8	6.6	6.3	6.3
pH high	≤9.5	6.9	6.9	7.4	6.7	6.6	6.7	7.2	6.8	7.1	7.1	7.1	7.0
Flow (m ³ /month)	—	1 358 265	1 198 394	990 325	1 176 000	1 079 859	1 208 256	1 168 994	1 082 004	1 217 085	1 311 742	1 239 818	1 215 130
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:	Extended Transitional Authorization was granted for total suspended solids limit of 807 600 mg/L. Transitional Authorization will expire on December 6, 2008.												

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality

Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.

A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	Tailings Line Emergency Dump Basin 1												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
Comments:													
Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality													
Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.													
A "Pass" for the <i>Daphnia magna</i> monitoring test is not a requirement.													

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Wabush Mines Joint Venture – Scully Mine												
Operator Name	Wabush Mines												
Product(s)	Iron												
Address	Scully Mine, P.O. Box 3000, Wabush, Newfoundland and Labrador A0R 1B0												
Effluent Discharge Point	West Pit Extension Settling Basin												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0005	0.0006	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0012	0.0005	0.0005
Cu (mg/L)	0.3	0.0009	0.0007	0.0008	0.0008	0.0009	0.0008	0.0019	0.0009	0.0005	0.0006	0.0015	0.0014
CN (mg/L)	1.0	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR	NMR
Pb (mg/L)	0.2	0.0010	0.0012	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	0.0014	0.0020	0.0015
Ni (mg/L)	0.5	0.0005	0.0006	0.0005	0.0008	0.0007	0.0006	0.0008	0.0005	0.0006	0.0010	0.0016	0.0010
Zn (mg/L)	0.5	0.0036	0.0052	0.0025	0.0091	0.0081	0.0031	0.0117	0.0050	0.0041	0.0052	0.0040	0.0039
TSS (mg/L)	15	9.00	11.80	8.00	12.50	22.40	32.00	17.00	4.75	11.25	6.00	20.75	45.25
Ra-226 (Bq/L)	0.37	0.0050	NMR	NMR	0.0050	NMR	NMR	0.0100	NMR	NMR	0.0050	NMR	NMR
pH low	≥6.0	6.2	6.4	6.6	6.0	6.2	6.5	6.5	6.5	6.3	6.3	6.2	6.2
pH high	≤9.5	7.5	7.1	7.0	6.6	6.7	6.8	7.0	6.8	6.7	6.6	7.0	7.1
Flow (m ³ /month)	—	630 532	568 597	630 532	843 454	980 801	846 070	896 606	1 211 258	752 324	1 232 844	1 056 208	594 732
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	-	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	1	-	-
Comments:													

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Williams Mine												
Operator Name	Teck Cominco Ltd. and Barrick Gold Corporation												
Product(s)	Gold												
Address	P.O. Bag 500, Marathon, Ontario P0T 2E0												
Effluent Discharge Point	Polishing Pond Discharge CP 400												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Williams Mine												
Operator Name	Teck Cominco Ltd. and Barrick Gold Corporation												
Product(s)	Gold												
Address	P.O. Bag 500, Marathon, Ontario P0T 2E0												
Effluent Discharge Point	Stormwater Pond CP 102												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	0.0010	ND	ND	0.0040	ND	0.0047	0.0010	0.0010	ND
Cu (mg/L)	0.3	ND	ND	ND	0.0013	ND	ND	0.0030	ND	0.0040	0.0020	0.0020	ND
CN (mg/L)	1.0	ND	ND	ND	0.0020	ND	ND	0.0550	ND	0.0277	0.0190	0.0150	ND
Pb (mg/L)	0.2	ND	ND	ND	0.0005	ND	ND	0.0005	ND	0.0005	0.0005	0.0005	ND
Ni (mg/L)	0.5	ND	ND	ND	0.0033	ND	ND	0.0170	ND	0.0147	0.0085	0.0170	ND
Zn (mg/L)	0.5	ND	ND	ND	0.0067	ND	ND	0.0230	ND	0.0147	0.0115	0.0120	ND
TSS (mg/L)	15	ND	ND	ND	2.67	ND	ND	2.00	ND	1.67	2.50	6.00	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	0.0053	ND	ND	0.0040	ND	0.0050	0.0025	0.0040	ND
pH low	≥6.0	ND	ND	ND	6.7	ND	ND	7.9	ND	7.8	7.6	7.6	ND
pH high	≤9.5	ND	ND	ND	7.1	ND	ND	7.9	ND	7.9	7.7	7.6	ND
Flow (m ³ /month)	—	ND	ND	ND	19 550	ND	ND	13 077	ND	33 855	19 656	29 155	ND
Rainbow Trout	Pass	ND	ND	ND	1	ND	ND	1	ND	1	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	1	ND	ND	1	ND	1	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Williams Mine												
Operator Name	Teck Cominco Ltd. and Barrick Gold Corporation												
Product(s)	Gold												
Address	P.O. Bag 500, Marathon, Ontario P0T 2E0												
Effluent Discharge Point	Stormwater Pond CP 0300												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0017	0.0010	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0017	0.0020	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0027	0.0020	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0005	0.0005	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0070	0.0040	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0050	0.0015	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.00	1.00	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0020	0.0050	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.4	7.6	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	7.8	7.6	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	41 110	38 255	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	1	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Williams Mine												
Operator Name	Teck Cominco Ltd. and Barrick Gold Corporation												
Product(s)	Gold												
Address	P.O. Bag 500, Marathon, Ontario P0T 2E0												
Effluent Discharge Point	Stormwater Pond CP 400A												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
As (mg/L)	0.5	0.0166	0.0147	0.0120	0.0102	0.0130	0.0100	0.0098	0.0078	0.0030	0.0174	0.0193	0.0243
Cu (mg/L)	0.3	0.0048	0.0037	0.0070	0.0046	0.0038	0.0045	0.0034	0.0040	0.0043	0.0034	0.0043	0.0043
CN (mg/L)	1.0	0.0283	0.0697	0.0686	0.0756	0.0685	0.0475	0.0754	0.0313	0.0173	0.0800	0.0647	0.1090
Pb (mg/L)	0.2	0.0005	0.0005	0.0022	0.0011	0.0005	0.0015	0.0005	0.0005	0.0005	0.0005	0.0007	0.0005
Ni (mg/L)	0.5	0.0226	0.0197	0.0160	0.0106	0.0130	0.0140	0.0176	0.0245	0.0268	0.0184	0.0173	0.0250
Zn (mg/L)	0.5	0.0222	0.0253	0.0213	0.0184	0.0178	0.0220	0.0214	0.0280	0.0208	0.0180	0.0213	0.0275
TSS (mg/L)	15	2.80	2.00	45.00	20.80	2.25	23.25	4.00	2.00	4.25	9.00	7.67	2.50
Ra-226 (Bq/L)	0.37	0.0290	NMR	NMR	0.0170	NMR	NMR	0.0040	NMR	NMR	0.0270	NMR	NMR
pH low	≥6.0	7.8	7.6	7.8	7.6	7.9	7.8	7.8	7.9	7.8	7.8	7.6	7.4
pH high	≤9.5	8.0	7.9	7.9	7.9	8.0	8.0	7.9	8.0	7.9	7.9	8.0	7.9
Flow (m ³ /month)	—	62 434	56 189	117 833	107 697	397 364	33 845	93 168	20 660	75 978	140 285	48 261	17
Rainbow Trout	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR	1	NMR	NMR
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.

Metal Mining Effluent Regulations (MMER) 2007 Effluent Compliance

Mine/Mill Name	Williams Mine												
Operator Name	Teck Cominco Ltd. and Barrick Gold Corporation												
Product(s)	Gold												
Address	P.O. Bag 500, Marathon, Ontario P0T 2E0												
Effluent Discharge Point	Treated Effluent CP 0201												
Parameters	Limits	Jan.	Feb.	March	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.
As (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cu (mg/L)	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
CN (mg/L)	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pb (mg/L)	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ni (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Zn (mg/L)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
TSS (mg/L)	15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ra-226 (Bq/L)	0.37	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH low	≥6.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
pH high	≤9.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Flow (m ³ /month)	—	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Rainbow Trout	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acute Lethality Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-
<i>Daphnia magna</i>	Pass	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Monitoring Test	Fail	-	-	-	-	-	-	-	-	-	-	-	-

Comments:

Notes: ND: No Deposit NMR: No Measurement Required Pass: ≤50% Mortality Fail: >50% Mortality
 Highlighted data indicate that a monthly effluent quality standard was exceeded for that month.
 A "Pass" for the *Daphnia magna* monitoring test is not a requirement.