

## 2007 Air Emissions Monthly Summary - Northern Region

### Abitibi-Consolidated Company of Canada - Fort Frances

145 Third St W  
Fort Frances

**Sector:** Pulp and Paper  
**Ministry Office:** Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### TOTAL REDUCED SULPHUR

#### C of A/Permit Non-Compliance

January 1, 2007 - December 31, 2007	27	ppb	1hr	364 exceedances	28	493	Action Plan Submitted - Implementing Improvements, Additional Monitoring Underway	Director's Order Issued
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**Total C of A/Permit Non-Compliance = 364 exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Algora Steel Inc.

105 West St  
Sault Ste. Marie

**Sector:** Iron and Steel  
**Ministry Office:** Sault Ste. Marie

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### CALCIUM OXIDE

#### Legislation Non-Compliance

January 1, 2007 - December 31, 2007	20	µg/m3	30min avg	1 exceedance	48.03	48.03	Additional Monitoring Underway	Director's Order Issued
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**Total Legislation Non-Compliance = 1 exceedance**  
**Based on Air Dispersion Modeling**

### IRON OXIDE

#### Legislation Non-Compliance

January 1, 2007 - December 31, 2007	75	µg/m3	30min avg	1 exceedance	129.76	129.76	Additional Monitoring Underway	Director's Order Issued
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**Total Legislation Non-Compliance = 1 exceedance**  
**Based on Air Dispersion Modeling**

### SUSPENDED PARTICULATE MATTER

#### Legislation Non-Compliance

May 2007	120	µg/m3	24hr	1 exceedance	171.57	171.57	None Required	Director's Order Issued
January 1, 2007 - December 31, 2007	100	µg/m3	30min avg	1 exceedance	397.3	397.3	Additional Monitoring Underway	Director's Order Issued

**Total Legislation Non-Compliance = 2 exceedances**  
**Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Arclin Canada Limited

281 Wallace Rd  
North Bay

**Sector:** Organic Chemicals Manufacturing  
**Ministry Office:** North Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### FORMALDEHYDE

#### C of A/Permit Non-Compliance

January 1, 2007 - December 31, 2007	65	µg/m3	none	1 exceedance	112	112	New Equipment or Treatment Process Installed	Voluntary Abatement Program Underway
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**Total C of A/Permit Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

**Bowater Canadian Forest Products Inc.**

2001 Neebing Ave  
Thunder Bay

**Sector:** Pulp and Paper  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>Legislation Non-Compliance</b>								
February 2007	20	% opacity	6min avg	1 day of exceedances	100	100	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - No Action Required
March 2007	20	% opacity	6min avg	1 day of exceedances	100	100	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
April 2007	20	% opacity	6min avg	4 days of exceedances	100	100	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
May 2007	20	% opacity	6min avg	2 days of exceedances	100	100	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - No Action Required
June 2007	20	% opacity	6min avg	2 days of exceedances	60	100	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - No Action Required
June 2007	20	% opacity	6min avg	1 day of exceedances	95	95	None Required	Assessment Complete - No Action Required

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## 2007 Air Emissions Monthly Summary - Northern Region

### Bowater Canadian Forest Products Inc.

2001 Neebing Ave  
Thunder Bay

**Sector:** Pulp and Paper  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
June 2007	20	% opacity	6min avg	1 day of exceedances	100	100	Other	Assessment Complete - No Action Required
July 2007	20	% opacity	6min avg	2 days of exceedances	80	100	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
July 2007	20	% opacity	6min avg	1 day of exceedances	100	100	None Required	Assessment Complete - No Action Required
August 2007	20	% opacity	6min avg	1 day of exceedances	47	100	None Required	Assessment Complete - No Action Required
September 2007	20	% opacity	6min avg	1 day of exceedances	27	27	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
November 2007	20	% opacity	6min avg	1 day of exceedances	21	21	None Required	Assessment Complete - No Action Required
December 2007	20	% opacity	6min avg	1 day of exceedances	100	100	None Required	Assessment Complete - No Action Required

**Total Legislation Non-Compliance = 19 days of exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

**Carmeuse Lime (Canada) Limited - Blind River** Blind River, Ontario  
Blind River

**Sector:** Industrial Minerals  
**Ministry Office:** Sault Ste. Marie

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### OPACITY

#### Legislation Non-Compliance

September 2007	20	% opacity	6min avg	1 day of exceedances	100	100	Other	Assessment underway
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**Total Legislation Non-Compliance = 1 day of exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Cochrane Power Corporation

506 4th St  
Cochrane

**Sector:** Electric Power Generation  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### OPACITY

#### C of A/Permit Non-Compliance

September 2007	20	% opacity	6min avg	1 day of exceedances	100	100	Equipment Modified, Repaired, Replaced or Re-calibrated	Voluntary Abatement Program Underway
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**Total C of A/Permit Non-Compliance = 1 day of exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Columbia Forest Products Ltd.

225 Prince St  
Hearst

**Sector:** Miscellaneous  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### NITROGEN OXIDES

#### Legislation Non-Compliance

January 17, 2007 - January 31, 2007	400	µg/m3	1hr	1 exceedance	437	437	Conducting Study	Assessment Underway
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**Total Legislation Non-Compliance = 1 exceedance**

### SUSPENDED PARTICULATE MATTER

#### Legislation Non-Compliance

January 17, 2007 - January 31, 2007	120	µg/m3	24hr	1 exceedance	685	685	Conducting Study	Assessment Underway
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**Total Legislation Non-Compliance = 1 exceedance**

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## 2007 Air Emissions Monthly Summary - Northern Region

### **CVRD- Inco Limited - Copper Cliff Nickel Refinery**

155 Balsam St  
Greater Sudbury

**Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>LEAD</b>								
<b>Legislation Non-Compliance</b>								
October 18, 2007 - December 31, 2007	6	µg/m3	30min avg	1 exceedance	15	15	Action Plan Submitted - Implementing Improvements, Additional Monitoring Underway, Operational Process Modification	Other Abatement Action Taken

**Total Legislation Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

### **CVRD- Inco Limited - Copper Cliff Smelter Complex**

155 Balsam St  
Greater Sudbury

**Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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#### **NICKEL**

##### **Legislation Non-Compliance**

January 1, 2007 - December 31, 2007	5	µg/m3	30min avg	1 exceedance	8.4	8.4	Action Plan Submitted - Implementing Improvements	Assessment Underway
December 2007	5	µg/m3	30min avg	1 exceedance	10.7	10.7	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

**Total Legislation Non-Compliance = 2 exceedances  
Based on Air Dispersion Modeling**

#### **SULPHUR DIOXIDE**

##### **Order Non-Compliance**

May 2007	0.34	ppm	1hr	1 exceedance	0.4	0.4	Action Plan Submitted - Implementing Improvements, Ceased Operations	Assessment Underway
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**Total Order Non-Compliance = 1 exceedance**

#### **SUSPENDED PARTICULATE MATTER**

##### **Legislation Non-Compliance**

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## 2007 Air Emissions Monthly Summary - Northern Region

### **CVRD- Inco Limited - Copper Cliff Smelter Complex**

155 Balsam St  
Greater Sudbury

**Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

<b>Date</b>	<b>Limit</b>	<b>Unit</b>	<b>Frequency</b>	<b>No. of Exceedances</b>	<b>Min.</b>	<b>Max.</b>	<b>Facility Action</b>	<b>Ministry Action</b>
January 1, 2007 - December 31, 2007	100	µg/m3	30min avg	1 exceedance	127	127	Action Plan Submitted - Implementing Improvements	Assessment Underway

**Total Legislation Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

### De Beers Canada Inc.

90 km W of Attawapiskat  
Unsurveyed Territory (Timmins D. O.)

**Sector:** Miscellaneous  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### SUSPENDED PARTICULATE MATTER

#### C of A/Permit Non-Compliance

April 2007	17	mg/m3	any	1 exceedance	40	40	Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A/Permit Non-Compliance = 1 exceedance**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Domtar Inc. - Espanola

1 Station Rd  
Espanola

**Sector:** Pulp and Paper  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### SUSPENDED PARTICULATE MATTER

#### C of A/Permit Non-Compliance

January 2007	40	g	/sec	1 exceedance	41.7	41.7	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
July 2007	40	g	/sec	1 exceedance	40.42	40.42	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
November 2007	40	g	/sec	1 exceedance	40.5	40.5	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved

**Total C of A/Permit Non-Compliance = 3 exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Domtar Pulp and Paper Products Inc.

1 Duke St  
Dryden

Sector: Pulp and Paper  
Ministry Office: Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### DIMETHYL SULPHIDE

#### Legislation Non-Compliance

January 1, 2007 - June 3, 2007	30	µg/m3	30min avg	1 exceedance	49.7	49.7	Other	Assessment Complete - No Action Required
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**Total Legislation Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling**

### OPACITY

#### Legislation Non-Compliance

February 2007	20	% opacity	6min avg	2 days of exceedances	21.3	80.5	None Required	Assessment Complete - No Action Required
March 2007	20	% opacity	6min avg	1 day of exceedances	28.9	28.9	None Required	Assessment Complete - Incident Resolved
May 2007	20	% opacity	6min avg	1 day of exceedances	42	42	Equipment Modified, Repaired, Replaced or Re- calibrated	Assessment Complete - No Action Required
May 2007	20	% opacity	6min avg	1 day of exceedances	21.5	29.7	None Required	Assessment Complete - Incident Resolved

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## 2007 Air Emissions Monthly Summary - Northern Region

### Domtar Pulp and Paper Products Inc.

1 Duke St  
Dryden

**Sector:** Pulp and Paper  
**Ministry Office:** Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
June 2007	20	% opacity	6min avg	1 day of exceedances	49.8	49.8	Equipment Modified, Repaired, Replaced or Re-calibrated	Other Abatement Action Taken
June 2007	20	% opacity	6min avg	1 day of exceedances	94	94	Operational Process Modification	Assessment Complete - Incident Resolved
July 2007	20	% opacity	6min avg	1 day of exceedances	77.4	77.4	None Required	Other Abatement Action Taken
August 2007	20	% opacity	6min avg	1 day of exceedances	34	34	None Required	Assessment Complete - No Action Required
September 2007	20	% opacity	6min avg	1 day of exceedances	90.2	90.2	None Required	Assessment Complete - Incident Resolved
October 2007	20	% opacity	6min avg	1 day of exceedances	44	44	None Required	Assessment Complete - Incident Resolved
October 2007	20	% opacity	6min avg	1 day of exceedances	77	77	Training/Procedure Change	Assessment Complete - No Action Required

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## 2007 Air Emissions Monthly Summary - Northern Region

### Domtar Pulp and Paper Products Inc.

1 Duke St  
Dryden

**Sector:** Pulp and Paper  
**Ministry Office:** Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
November 2007	20	% opacity	6min avg	1 day of exceedances	41	41	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
December 2007	20	% opacity	6min avg	1 day of exceedances	26	26	Other	Assessment Complete - Incident Resolved

**Total Legislation Non-Compliance = 14 days of exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Enerdry Constructors Ltd - Metso Paper

274 Kingston St  
Thunder Bay

**Sector:** Miscellaneous  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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#### NICKEL

##### Legislation Non-Compliance

November 2007	5	µg/m3	30min avg	1 exceedance	19.8	19.8	Other	Assessment Underway
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**Total Legislation Non-Compliance = 1 exceedance**  
**Based on Air Dispersion Modeling**

#### SUSPENDED PARTICULATE MATTER

##### Legislation Non-Compliance

November 2007	100	µg/m3	30min avg	1 exceedance	194.6	194.6	Other	Assessment Underway
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**Total Legislation Non-Compliance = 1 exceedance**  
**Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Longlac Wood Industries Inc.

1 Katamaki Rd  
Greenstone

**Sector:** Miscellaneous  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### OPACITY

#### Legislation Non-Compliance

January 1, 2007 - December 31, 2007	20	% opacity	6min avg	360 days of exceedances	41	100	Other	Other Abatement Action Taken
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**Total Legislation Non-Compliance = 360 days of exceedances**

### SUSPENDED PARTICULATE MATTER

#### Legislation Non-Compliance

January 1, 2007 - December 31, 2007	100	µg/m3	30min avg	1 exceedance	1773	1773	Other	Provincial Officer's Order Issued
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**Total Legislation Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Marathon Pulp Inc.

1 Mill Rd  
Marathon

**Sector:** Pulp and Paper  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>C of A/Permit Non-Compliance</b>								
January 1, 2007 - January 31, 2007	20	% opacity	6min avg	9 days of exceedances	20.1	100	Equipment Modified, Repaired, Replaced or Re- calibrated	Assessment Underway, Other Abatement Action Taken
February 1, 2007 - February 28, 2007	20	% opacity	6min avg	7 days of exceedances	21.9	100	Equipment Modified, Repaired, Replaced or Re- calibrated	Assessment Underway, Other Abatement Action Taken
March 1, 2007 - March 31, 2007	20	% opacity	6min avg	10 days of exceedances	20.3	49.4	Equipment Modified, Repaired, Replaced or Re- calibrated	Other Abatement Action Taken
April 1, 2007 - April 30, 2007	20	% opacity	6min avg	4 days of exceedances	20.1	67.2	Equipment Modified, Repaired, Replaced or Re- calibrated	Other Abatement Action Taken
May 1, 2007 - December 31, 2007	20	% opacity	6min avg	98 days of exceedances	21	100	Equipment Modified, Repaired, Replaced or Re- calibrated	Other Abatement Action Taken

**Total C of A/Permit Non-Compliance = 128 days of exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Tembec Enterprises Inc. - Spruce Falls

1 Government Road  
Kapuskasing

**Sector:** Pulp and Paper  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>C of A/Permit Non-Compliance</b>								
January 2007	20	% opacity	6min avg	1 day of exceedances	28.7	40	Operational Process Modification	Assessment Complete - Incident Resolved
January 2007	20	% opacity	6min avg	1 day of exceedances	26.4	26.4	Operational Process Modification	Assessment Underway
January 2007	20	% opacity	6min avg	1 day of exceedances	25	25	Other	Assessment Complete - Incident Resolved
February 2007	20	% opacity	6min avg	2 days of exceedances	25	41.8	Operational Process Modification	Assessment Complete - Incident Resolved
April 2007	20	% opacity	6min avg	1 day of exceedances	25	25	Operational Process Modification	Assessment Complete - Incident Resolved
April 2007	20	% opacity	6min avg	1 day of exceedances	22	22	Operational Process Modification	Assessment Underway
April 2007	20	% opacity	6min avg	1 day of exceedances	28.3	28.3	Other	Assessment Complete - No Action Required

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## 2007 Air Emissions Monthly Summary - Northern Region

### Tembec Enterprises Inc. - Spruce Falls

1 Government Road  
Kapuskasing

**Sector:** Pulp and Paper  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
May 2007	20	% opacity	6min avg	1 day of exceedances	30	30	Additional Monitoring Underway	Assessment Underway
May 2007	20	% opacity	6min avg	2 days of exceedances	25	55	Operational Process Modification	Assessment Underway
June 2007	20	% opacity	6min avg	1 day of exceedances	67	67	Operational Process Modification	Voluntary Abatement Program Underway
October 2007	20	% opacity	6min avg	1 day of exceedances	36	68	Operational Process Modification	Assessment Complete - No Action Required
November 2007	20	% opacity	6min avg	1 day of exceedances	34	34	Operational Process Modification	Assessment Complete - No Action Required
December 2007	20	% opacity	6min avg	1 day of exceedances	21.08	21.08	None Required	Assessment Complete - No Action Required

**Total C of A/Permit Non-Compliance = 15 days of exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Terrace Bay Pulp Inc.

21 Mill Rd  
Terrace Bay

**Sector:** Pulp and Paper  
**Ministry Office:** Thunder Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### TOTAL REDUCED SULPHUR

#### C of A/Permit Non-Compliance

January 1, 2007 - December 31, 2007	27	ppb	1hr	61 exceedances	28	121	Action Plan Submitted - Implementing Improvements, New Equipment or Treatment Process Installed, Operational Process Modification	Assessment Complete - No Action Required
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**Total C of A/Permit Non-Compliance = 61 exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

### WABI Iron and Steel Corp.

330 Broadwood Ave  
New Liskeard

**Sector:** Metal Casting  
**Ministry Office:** North Bay

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>SUSPENDED PARTICULATE MATTER</b>								
<b>Legislation Non-Compliance</b>								
January 1, 2007 - December 31, 2007	100	µg/m3	30min avg	1 exceedance	7182	7182	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order Issued

**Total Legislation Non-Compliance = 1 exceedance  
Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Weyerhaeuser Company Limited

1000 Jones Rd  
Kenora

Sector: Miscellaneous  
Ministry Office: Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>OPACITY</b>								
<b>C of A/Permit Non-Compliance</b>								
January 1, 2007 - January 31, 2007	20	% opacity	6min avg	3 days of exceedances	21	47	None Required	Assessment Complete - No Action Required
February 1, 2007 - February 28, 2007	20	% opacity	6min avg	7 days of exceedances	21	33	Other	Other Abatement Action Taken
March 1, 2007 - March 31, 2007	20	% opacity	6min avg	2 days of exceedances	29	62	Other	Assessment Underway
April 1, 2007 - April 30, 2007	20	% opacity	6min avg	7 days of exceedances	21	41	Other	Assessment Underway
May 1, 2007 - May 31, 2007	20	% opacity	6min avg	11 days of exceedances	21	87	Other	Assessment Underway
June 1, 2007 - June 30, 2007	20	% opacity	6min avg	7 days of exceedances	21	78	Other	Assessment Underway, Other Abatement Action Taken
July 1, 2007 - July 31, 2007	20	% opacity	6min avg	8 days of exceedances	26	91	Ceased Operations, Other	Assessment Underway

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## 2007 Air Emissions Monthly Summary - Northern Region

### Weyerhaeuser Company Limited

1000 Jones Rd  
Kenora

**Sector:** Miscellaneous  
**Ministry Office:** Kenora

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
August 1, 2007 - August 31, 2007	20	% opacity	6min avg	7 days of exceedances	26	80	Other	Assessment Underway
September 1, 2007 - September 30, 2007	20	% opacity	6min avg	10 days of exceedances	21	72	Other	Assessment Underway
October 1, 2007 - October 31, 2007	20	% opacity	6min avg	8 days of exceedances	25	67	Other	Assessment Underway
November 1, 2007 - November 30, 2007	20	% opacity	6min avg	6 days of exceedances	23	52	Other	Assessment Underway
December 1, 2007 - December 31, 2007	20	% opacity	6min avg	3 days of exceedances	26	100	Other	Assessment Complete - Incident Resolved

**Total C of A/Permit Non-Compliance = 79 days of exceedances**

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## 2007 Air Emissions Monthly Summary - Northern Region

**Xstrata Canada Corporation -  
Hoyle Twp.**

10050 Hwy. 101, Con. I, Lot 1, Hoyle Twp.  
Timmins

**Sector:** Metal Mining and Refining  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### LEAD

#### Legislation Non-Compliance

December 2007	6	µg/m3	30min avg	2 exceedances	12.1	12.1	Other	Provincial Officer's Order Issued
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**Total Legislation Non-Compliance = 2 exceedances  
Based on Air Dispersion Modeling**

### SULPHUR DIOXIDE

#### Legislation Non-Compliance

January 2007	0.3	ppm	30min avg	1 exceedance	0.32	0.32	Ceased Operations	Assessment Underway
February 2007	0.3	ppm	30min avg	1 exceedance	0.33	0.33	Ceased Operations, Operational Process Modification	Assessment Underway, Voluntary Abatement Program Underway
February 2007	0.3	ppm	30min avg	1 exceedance	0.33	0.33	Conducting Study, Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Underway, Voluntary Abatement Program Underway
March 2007	0.3	ppm	30min avg	1 exceedance	0.32	0.32	Conducting Study, Operational Process Modification	Assessment Underway, Voluntary Abatement Program Underway

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## 2007 Air Emissions Monthly Summary - Northern Region

**Xstrata Canada Corporation -  
Hoyle Twp.**

10050 Hwy. 101, Con. I, Lot 1, Hoyle Twp.  
Timmins

**Sector:** Metal Mining and Refining  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
April 2007	0.3	ppm	30min avg	1 exceedance	0.38	0.38	Ceased Operations	Assessment Underway
April 2007	0.3	ppm	30min avg	1 exceedance	0.31	0.31	Conducting Study, Operational Process Modification	Assessment Underway, Voluntary Abatement Program Underway
April 2007	0.3	ppm	30min avg	1 exceedance	0.39	0.39	Operational Process Modification	Assessment Underway, Voluntary Abatement Program Underway
June 2007	0.3	ppm	30min avg	1 exceedance	0.37	0.37	Ceased Operations	Assessment Complete - Incident Resolved
June 2007	0.3	ppm	30min avg	1 exceedance	0.31	0.31	Ceased Operations	Voluntary Abatement Program Underway
June 2007	0.3	ppm	30min avg	1 exceedance	0.33	0.33	Equipment Modified, Repaired, Replaced or Re- calibrated	Assessment Complete - Incident Resolved
July 2007	0.3	ppm	30min avg	1 exceedance	0.36	0.36	Ceased Operations	Assessment Complete - Incident Resolved
September 2007	0.3	ppm	30min avg	1 exceedance	0.54	0.54	Ceased Operations	Assessment Underway

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## 2007 Air Emissions Monthly Summary - Northern Region

**Xstrata Canada Corporation -  
Hoyle Twp.**

10050 Hwy. 101, Con. I, Lot 1, Hoyle Twp.  
Timmins

**Sector:** Metal Mining and Refining  
**Ministry Office:** Timmins

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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**Total Legislation Non-Compliance = 12 exceedances**

### SUSPENDED PARTICULATE MATTER

#### Legislation Non-Compliance

December 2007	100	µg/m3	30min avg	1 exceedance	132.1	132.1	Other	Provincial Officer's Order Issued
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**Total Legislation Non-Compliance = 1 exceedance**  
**Based on Air Dispersion Modeling**

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## 2007 Air Emissions Monthly Summary - Northern Region

### Xstrata Nickel (formerly Falconbridge Ltd.) - Sudbury

1 Longyear Dr (Falconbridge)  
Greater Sudbury

**Sector:** Metal Mining and Refining  
**Ministry Office:** Sudbury

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### OPACITY

#### Legislation Non-Compliance

January 1, 2007 - December 31, 2007	20	% opacity	6min avg	25 days of exceedances	21	85	Operational Process Modification	Assessment Complete - Incident Resolved, Voluntary Abatement Program Underway
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**Total Legislation Non-Compliance = 25 days of exceedances**

### SULPHUR DIOXIDE

#### Order Non-Compliance

January 1, 2007 - December 31, 2007	0.34	ppm	1hr	1 exceedance	0.38	0.38	Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total Order Non-Compliance = 1 exceedance**

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