

## 2004 Industrial Sewage Monthly Summary - West Central Region

### Columbian Chemicals Canada Ltd.

755 Parkdale Avenue North  
Hamilton

**Sector:** Inorganic Chemicals  
**Ministry Office:** Hamilton

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

#### C of A Non-Compliance

August 2004	0.01	mg/L	any	3 exceedances	0.02	0.19	Equipment Modified, Repaired, Replaced or Re-calibrated	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 3 exceedances**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

**GDX Canada Inc.**

100 Kennedy Street  
Welland

**Sector:** Miscellaneous  
**Ministry Office:** Niagara

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### OIL AND GREASE

#### C of A Non-Compliance

March 2004	15	mg/L	/wk	1 exceedance	24		Operational Process Modification	Assessment Complete - No Further Action Required
December 2004	15	mg/L	/wk	1 exceedance	16		Additional monitoring underway	Assessment Complete - Incident Resolved

**Total C of A Non-Compliance = 2 exceedances**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

**Georgia-Pacific Canada Inc. -  
Thorold**

319 Allanburg Road  
Thorold

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

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### ACUTE LETHALITY - DAPHNIA

#### Clean Water Regulations

April 2004	Pass	acute toxicity	any	1 exceedance	Fail		Conducting Study	Assessment Complete - No Further Action Required
June 2004	Pass	acute toxicity	any	1 exceedance	Fail		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
August 2004	Pass	acute toxicity	any	1 exceedance	Fail		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway

**Total Clean Water Regulations = 3 exceedances**

### BIOCHEMICAL OXYGEN DEMAND

#### Clean Water Regulations

September 2004	2030	kg/d	/d	1 exceedance	2711		None	Assessment complete - no further action required
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**Total Clean Water Regulations = 1 exceedance**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

**Georgia-Pacific Canada Inc.-  
Haldimand**

350 Argyle Street North, Caledonia  
Haldimand

**Sector:** Industrial Minerals  
**Ministry Office:** Hamilton

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>TOTAL SUSPENDED SOLIDS</b>								
<b>Clean Water Regulations</b>								
January 2004	25	mg/L	/mon	1 exceedance	52		Conducting Study	Voluntary Abatement Program Underway
January 2004	50	mg/L	/wk	1 exceedance	52		Conducting Study	Voluntary Abatement Program Underway
February 2004	50	mg/L	/wk	1 exceedance	290		Conducting Study	Voluntary Abatement Program Underway
March 2004	50	mg/L	/wk	1 exceedance	110		New Equipment or Treatment Process Installed	Voluntary Abatement Program Underway
December 2004	25	mg/L	/mon	1 exceedance	29		None required	Assessment Complete - No Further Action Required

**Total Clean Water Regulations = 5 exceedances**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

**J.M. Schneider Inc.**

180 Northumberland Street  
North Dumfries

**Sector:** Miscellaneous  
**Ministry Office:** Guelph

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### BIOCHEMICAL OXYGEN DEMAND

#### C of A Non-Compliance

January 2004	22.5	mg/L	/d	1 exceedance	27		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 1 exceedance**

### ESCHERICHIA COLI

#### C of A Non-Compliance

June 2004	200	CT/100 mL	/d	1 exceedance	3900		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 1 exceedance**

### PHOSPHORUS

#### C of A Non-Compliance

January 2004	1	mg/L	/d	1 exceedance	1.8		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 1 exceedance**

### TOTAL AMMONIA NITROGEN

#### C of A Non-Compliance

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## 2004 Industrial Sewage Monthly Summary - West Central Region

**J.M. Schneider Inc.**

180 Northumberland Street  
North Dumfries

**Sector:** Miscellaneous  
**Ministry Office:** Guelph

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
March 2004	10	mg/L	any	1 exceedance	18		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway

**Total C of A Non-Compliance = 1 exceedance**

### TOTAL KJELDAHL NITROGEN

#### C of A Non-Compliance

March 2004	22.5	mg/L	/d	1 exceedance	29		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 1 exceedance**

### TOTAL SUSPENDED SOLIDS

#### C of A Non-Compliance

January 2004	15	mg/L	/mon	1 exceedance	20.8		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
January 2004	22.5	mg/L	/d	1 exceedance	54.7		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway

**Total C of A Non-Compliance = 2 exceedances**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Jim's Trucking Limited

580 Ridge Road  
Welland

**Sector:** Miscellaneous  
**Ministry Office:** Niagara

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

#### C of A Non-Compliance

November 2004	0.002	mg/L	/annum	1 exceedance	0.12		Training/Procedure Change	Assessment Complete - No Further Action Required
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**Total C of A Non-Compliance = 1 exceedance**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Kraft Canada Inc.

329 Four Mile Creek Road  
Niagara-On-The-Lake

**Sector:** Miscellaneous  
**Ministry Office:** Niagara

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### TOTAL SUSPENDED SOLIDS

#### C of A Non-Compliance

May 2004	25	mg/L	any	1 exceedance	38		None required	Assessment Complete - No Further Action Required
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**Total C of A Non-Compliance = 1 exceedance**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Maple Leaf Foods Inc.

880 Highway 5 West  
Hamilton

**Sector:** Miscellaneous  
**Ministry Office:** Hamilton

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### BIOCHEMICAL OXYGEN DEMAND

#### C of A Non-Compliance

February 2004	7.5	mg/L	any	1 exceedance	19		Operational Process Modification	Assessment underway
October 2004	7.5	mg/L	any	1 exceedance	8		Operational Process Modification	Assessment underway

**Total C of A Non-Compliance = 2 exceedances**

### FLOW

#### C of A Non-Compliance

February 22, 2004 - February 24, 2004	60000	L/hr	any	2 exceedances	60251	60882	Operational Process Modification	Assessment underway
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**Total C of A Non-Compliance = 2 exceedances**

### TOTAL SUSPENDED SOLIDS

#### C of A Non-Compliance

March 2004	10	mg/L	any	1 exceedance	11		Operational Process Modification	Assessment underway
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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Maple Leaf Foods Inc.

880 Highway 5 West  
Hamilton

**Sector:** Miscellaneous  
**Ministry Office:** Hamilton

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
October 5, 2004 - October 8, 2004	10	mg/L	any	4 exceedances	13	17	Operational Process Modification	Assessment underway

**Total C of A Non-Compliance = 5 exceedances**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Mosaic Esterhazy Holdings Limited

R.R.#2, Lowbanks  
Haldimand

**Sector:** Inorganic Chemicals  
**Ministry Office:** Hamilton

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

#### Clean Water Regulations

July 29, 2004 - July 30, 2004	7.9	kg/d	/d	2 exceedances	9.8	12.6	Other	Assessment Complete - No Further Action Required
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**Total Clean Water Regulations = 2 exceedances**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Ontario Power Generation Inc. - Nanticoke

Lot: 7, 8, 9, Conc: I  
Haldimand

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

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### ACUTE LETHALITY - DAPHNIA

#### Clean Water Regulations

September 2004	Pass	acute toxicity	any	1 exceedance	Fail		Additional monitoring underway	Voluntary Abatement Program Underway
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**Total Clean Water Regulations = 1 exceedance**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Port Colborne Poultry Limited

2276 Second Conc, R.R. #1  
Port Colborne

**Sector:** Miscellaneous  
**Ministry Office:** Niagara

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### TOTAL SUSPENDED SOLIDS

#### C of A Non-Compliance

April 22, 2004 - April 30, 2004	25	mg/L	any	1 exceedance	34		Operational Process Modification	Assessment Complete - No Further Action Required
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**Total C of A Non-Compliance = 1 exceedance**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

**Stelco Inc.**

386 Wilcox Street  
Hamilton

**Sector:** Iron and Steel  
**Ministry Office:** Hamilton

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

#### Clean Water Regulations

January 2004	0.251	kg/d	/mon	1 exceedance	0.305		Conducting Study	Voluntary Abatement Program Underway
March 2004	0.251	kg/d	/mon	1 exceedance	0.28		Conducting Study	Voluntary Abatement Program Underway
April 2004	0.251	kg/d	/mon	1 exceedance	0.461		Other	Assessment Complete - No Further Action Required
April 2004	0.729	kg/d	/d	1 exceedance	0.749		Other	Assessment Complete - No Further Action Required

**Total Clean Water Regulations = 4 exceedances**

### PH

#### Clean Water Regulations

November 2004	5.5	pH	/d	1 exceedance	9.5		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total Clean Water Regulations = 1 exceedance**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Stelco Inc. - Lake Erie

1006 Regional Road No. 3, Walpole  
Haldimand

**Sector:** Iron and Steel  
**Ministry Office:** Hamilton

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### ACUTE LETHALITY - DAPHNIA

#### Clean Water Regulations

September 2004	Pass	acute toxicity	any	1 exceedance	Fail		Equipment Modified, Repaired, Replaced or Re-calibrated, Operational Process Modification	Assessment Complete - No Further Action Required
December 2004	Pass	acute toxicity	any	1 exceedance	Fail		Conducting Study	Voluntary Abatement Program Underway

**Total Clean Water Regulations = 2 exceedances**

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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Washington Mills Electro Minerals Corporation

7780 Stanley Avenue  
Niagara Falls

**Sector:** Inorganic Chemicals  
**Ministry Office:** Niagara

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

#### Clean Water Regulations

January 2004	2.7	kg/d	/mon	1 exceedance	5.08		New/Modified Sampling Program Underway	Provincial Officer's Order Issued
January 2004	6.1	kg/d	/d	1 exceedance	6.3		Operational Process Modification	Provincial Officer's Order Issued

**Total Clean Water Regulations = 2 exceedances**

### DISSOLVED ORGANIC CARBON

#### Clean Water Regulations

February 2004	81	kg/d	/d	1 exceedance	83		Operational Process Modification	Provincial Officer's Order Issued
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**Total Clean Water Regulations = 1 exceedance**

### TOTAL SUSPENDED SOLIDS

#### Clean Water Regulations

January 2004	127	kg/d	/mon	1 exceedance	185		New/Modified Sampling Program Underway	Provincial Officer's Order Issued
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## 2004 Industrial Sewage Monthly Summary - West Central Region

### Washington Mills Electro Minerals Corporation

7780 Stanley Avenue  
Niagara Falls

**Sector:** Inorganic Chemicals  
**Ministry Office:** Niagara

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
January 4, 2004 - January 14, 2004	395	Kg/d	/d	6 exceedances	415	466.9	New/Modified Sampling Program Underway	Provincial Officer's Order Issued
June 2004	127	kg/d	/mon	1 exceedance	142		Operational Process Modification	Provincial Officer's Order issued
July 2004	127	kg/d	/mon	1 exceedance	147		New/Modified Sampling Program Underway	Provincial Officer's Order Issued
August 2004	127	kg/d	/mon	1 exceedance	148		New/Modified Sampling Program Underway	Provincial Officer's Order Issued

**Total Clean Water Regulations = 10 exceedances**

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