

## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### BP Canada Energy Company

1182 Plank Road  
Sarnia

**Sector:** Organic Chemicals Manufacturing  
**Ministry Office:** Sarnia

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### DISSOLVED ORGANIC CARBON

#### Clean Water Regulations

January 1, 2005 - January 4, 2005	22	kg/d	/wk	1 exceedance	23		Equipment Modified, Repaired, Replaced or Re- calibrated	Assessment underway
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**Total Clean Water Regulations = 1 exceedance**

### HYDROGEN SULFIDE

#### Clean Water Regulations

July 1, 2005 - July 31, 2005	0.044	kg/d	mon avg	1 exceedance	2.016		Equipment Modified, Repaired, Replaced or Re- calibrated	Assessment underway
July 20, 2005 - July 27, 2005	0.12	kg/d	/d	2 exceedances	0.2657	2.016	Equipment Modified, Repaired, Replaced or Re- calibrated	Assessment underway
December 1, 2005 - December 31, 2005	0.044	kg/d	mon avg	1 exceedance	0.1041		Additional monitoring underway, Conducting Study	Provincial Officer's Order issued
December 2005	0.12	kg/d	/d	1 exceedance	0.1663		Additional monitoring underway, Conducting Study	Provincial Officer's Order issued

**Total Clean Water Regulations = 5 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Bruce Power Inc. - Bruce A

Kincardine  
Kincardine

**Sector:** Electric Power Generation  
**Ministry Office:** Owen Sound

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

#### C of A Non-Compliance

February 2005	25	mg/L	any	1 exceedance	27		New Equipment or Treatment Process Installed, Operational Process Modification	Voluntary Abatement Program Underway
June 7, 2005 - June 8, 2005	25	mg/L	any	3 exceedances	33.5	50	New Equipment or Treatment Process Installed, Operational Process Modification	Voluntary Abatement Program Underway

**Total C of A Non-Compliance = 4 exceedances**

### HIGH PH EFFLUENT

#### Clean Water Regulations

March 2005	9.5	L	any	1 exceedance	10.3		Training/Procedure Change	Voluntary Abatement Program Underway
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**Total Clean Water Regulations = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Bruce Power Inc. - Bruce Nuclear Power Development

Bruce Nuclear - Sewage Treatment Plant  
Kincardine

**Sector:** Electric Power Generation  
**Ministry Office:** Owen Sound

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

#### C of A Non-Compliance

January 17, 2005 - January 20, 2005	200	CT/100 mL	any	1 exceedance	2400		Operational Process Modification	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**Cabot Canada Ltd.**

800 Tashmoo Avenue  
Sarnia

**Sector:** Inorganic Chemicals  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

November 16, 2005 - November 17, 2005	1	mg/L	/wk	1 exceedance	1.1		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
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**Total Clean Water Regulations = 1 exceedance**

### DISSOLVED ORGANIC CARBON

#### Clean Water Regulations

January 1, 2005 - January 31, 2005	10	kg/d	mon avg	1 exceedance	30		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
January 12, 2005 - January 13, 2005	29	kg/d	/d	3 exceedances	81	81	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
April 10, 2005 - April 11, 2005	29	kg/d	/d	2 exceedances	31	31	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
August 10, 2005 - August 11, 2005	29	kg/d	/d	1 exceedance	61		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

**Total Clean Water Regulations = 7 exceedances**

### LOW PH EFFLUENT

#### Clean Water Regulations

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Cabot Canada Ltd.

800 Tashmoo Avenue  
Sarnia

**Sector:** Inorganic Chemicals  
**Ministry Office:** Sarnia

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
October 2005	6	pH	any	1 exceedance	4.11		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

**Total Clean Water Regulations = 1 exceedance**

### SUSPENDED SOLIDS

#### Clean Water Regulations

February 2005	48	kg/d	/d	2 exceedances	61	61	Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
July 16, 2005 - July 17, 2005	48	kg/d	/d	2 exceedances	58.49	121.78	Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
September 22, 2005 - September 23, 2005	48	kg/d	/d	1 exceedance	100		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway

**Total Clean Water Regulations = 5 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Chinook Global Limited

224 Holt Line West  
St. Clair

**Sector:** Organic Chemicals Manufacturing  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

May 2005	0.34	kg/d	mon avg	1 exceedance	3.174		Additional monitoring underway	Assessment Complete - No Action Required
October 2005	0.34	kg/d	mon avg	1 exceedance	0.768		Additional monitoring underway	Assessment Complete - No Action Required

**Total Clean Water Regulations = 2 exceedances**

### ZINC

#### Clean Water Regulations

October 2005	0.023	kg/d	/d	1 exceedance	0.068		Additional monitoring underway	Assessment Complete - No Action Required
November 2005	0.023	kg/d	/d	1 exceedance	0.097		Additional monitoring underway	Assessment Complete - No Action Required
December 2005	0.023	kg/d	/d	1 exceedance	0.039		Additional monitoring underway	Assessment Complete - No Action Required

**Total Clean Water Regulations = 3 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**Clean Harbors Canada, Inc. - St. Clair**

4090 Telfer Road, Corunna  
St. Clair

**Sector:** Miscellaneous  
**Ministry Office:** Sarnia

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

#### C of A Non-Compliance

December 2005	15	mg/L	24hr	1 exceedance	17.1		None Required	Assessment Complete - Incident Resolved
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**Total C of A Non-Compliance = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Cold Water Fisheries Inc.

12297 Highway 12, Coldwater  
Severn

**Sector:** Miscellaneous  
**Ministry Office:** Barrie

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>PHOSPHORUS</b>								
<b>C of A Non-Compliance</b>								
May 1, 2005 - May 31, 2005	0.1	mg/L	/mon	1 exceedance	0.17		Operational Process Modification	Voluntary Abatement Program Underway
June 1, 2005 - June 30, 2005	0.1	mg/L	/mon	1 exceedance	0.249		Operational Process Modification	Voluntary Abatement Program Underway
July 2005	0.1	mg/L	/mon	1 exceedance	0.257		Operational Process Modification	Voluntary Abatement Program Underway
August 2005	0.1	mg/L	/mon	1 exceedance	0.108		Operational Process Modification	Voluntary Abatement Program Underway
September 2005	0.1	mg/L	/mon	1 exceedance	0.128		Operational Process Modification	Voluntary Abatement Program Underway

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

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**Dow Chemical Canada Inc. - Vidal Street**

1425 Vidal St. South  
Sarnia

**Sector:** Organic Chemicals Manufacturing  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

April 2005	0.01	kg/d	24hr	1 exceedance	0.088		Ceased Operations	Assessment Complete - Incident Resolved, Voluntary Abatement Program Underway
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**Total Clean Water Regulations = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**East Huron Poultry Ltd.**

147 John St., Dublin  
West Perth

**Sector:** Miscellaneous  
**Ministry Office:** London

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### HIGH PH EFFLUENT

#### C of A Non-Compliance

December 2005	8.5	pH	/d	1 exceedance	8.55		Ceased Operations, Operational Process Modification	Assessment underway, Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 1 exceedance**

### PHOSPHORUS

#### C of A Non-Compliance

November 29, 2005 - November 30, 2005	1.8	kg/d	/d	2 exceedances	3.14	3.74	Ceased Operations, Operational Process Modification	Assessment underway, Voluntary Abatement Program Underway
December 3, 2005 - December 16, 2005	1	mg/L	rolling avg	14 exceedances	1.06	4.25	Ceased Operations, Operational Process Modification	Assessment underway, Voluntary Abatement Program Underway
December 6, 2005 - December 16, 2005	1.5	mg/L	/d	11 exceedances	1.74	4.87	Ceased Operations, Operational Process Modification	Assessment underway, Voluntary Abatement Program Underway
December 6, 2005 - December 16, 2005	5.4	kg/d	/d	10 exceedances	5.55	19.53	Ceased Operations, Operational Process Modification	Assessment underway, Voluntary Abatement Program Underway

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### East Huron Poultry Ltd.

147 John St., Dublin  
West Perth

**Sector:** Miscellaneous  
**Ministry Office:** London

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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**Total C of A Non-Compliance = 37 exceedances**

### SUSPENDED SOLIDS

#### C of A Non-Compliance

November 2005	54	kg/d	/d	1 exceedance	66		Ceased Operations, Operational Process Modification	Assessment underway, Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Fifth Wheel Corporation - Truck Wash Station

3305 Dorchester Road S  
Thames Centre

**Sector:** Miscellaneous  
**Ministry Office:** London

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 1, 2005 - December 31, 2005	10	mg/L	/quart	4 exceedances	12	54	New Equipment or Treatment Process Installed, Operational Process Modification	Provincial Officer's Order issued
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**Total C of A Non-Compliance = 4 exceedances**

### SUSPENDED SOLIDS

#### C of A Non-Compliance

January 1, 2005 - December 31, 2005	10	mg/L	/quart	3 exceedances	16	45	New Equipment or Treatment Process Installed, Operational Process Modification	Provincial Officer's Order issued
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**Total C of A Non-Compliance = 3 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**Ford Motor Company of Canada,  
Limited - St. Thomas Assembly  
Plant**

Highway 4, Lots 46 to 49  
Southwold

**Sector:** Miscellaneous  
**Ministry Office:** London

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

June 2005	10	mg/L	/d	1 exceedance	15		None Required	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**Ford Motor Company of Canada,  
Limited - Windsor**

2900 Trenton St.  
Windsor

**Sector:** Metal Casting  
**Ministry Office:** Windsor

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

#### Clean Water Regulations

November 2005	Pass	acute toxicity	any	1 exceedance	Fail		Operational Process Modification	Assessment Complete - No Action Required
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**Total Clean Water Regulations = 1 exceedance**

### ACUTE LETHALITY DAPHNIA

#### Clean Water Regulations

November 2005	Pass	acute toxicity	any	1 exceedance	Fail		Operational Process Modification	Assessment Complete - No Action Required
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**Total Clean Water Regulations = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Gay Lea Foods Co-Operative Limited

21 Clinton St. North  
South Bruce

**Sector:** Miscellaneous  
**Ministry Office:** Owen Sound

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

#### C of A Non-Compliance

January 2005	30	mg/L	/d	1 exceedance	36		New Equipment or Treatment Process Installed, Operational Process Modification	Provincial Officer's Order issued
March 2005	30	mg/L	/d	1 exceedance	129		New Equipment or Treatment Process Installed, Operational Process Modification	Provincial Officer's Order issued
November 2005	30	mg/L	/d	1 exceedance	33		New Equipment or Treatment Process Installed, Operational Process Modification	Provincial Officer's Order issued

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

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Harold Sutherland Construction Limited

Georgian Bluffs  
Georgian Bluffs

**Sector:** Miscellaneous  
**Ministry Office:** Owen Sound

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

#### C of A Non-Compliance

July 1, 2005 - November 30, 2005	0.02	mg/L	mon avg	5 exceedances	0.03	0.13	Action Plan Submitted - Implementing Improvements	Provincial Officer's Order issued
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**Total C of A Non-Compliance = 5 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Imperial Oil Limited - Sarnia Refinery

602 Christina St. South  
Sarnia

**Sector:** Petroleum Refinery  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

April 2005	1368	kg/d	mon avg	1 exceedance	2827		Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - No Action Required
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**Total Clean Water Regulations = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**NOVA Chemicals (Canada) Ltd.**  
**(refinery)**

785 Petrolia Line  
St. Clair

**Sector:** Petroleum Refinery  
**Ministry Office:** Sarnia

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

March 1, 2005 - December 31, 2005	25	mg/L	mon avg	10 exceedances	25.8	84	Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 10 exceedances**

### PHOSPHORUS

#### C of A Non-Compliance

March 1, 2005 - December 31, 2005	1	mg/L	mon avg	10 exceedances	4	10.22	Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 10 exceedances**

### SUSPENDED SOLIDS

#### C of A Non-Compliance

March 1, 2005 - December 31, 2005	25	mg/L	mon avg	6 exceedances	25.2	92.75	Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 6 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

**NOVA Chemicals Canada Ltd. - St. Clair River site** 285 Albert St.  
St. Clair

**Sector:** Organic Chemicals Manufacturing  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

January 1, 2005 - January 31, 2005	626	kg/d	mon avg	1 exceedance	570		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
January 2005	1300	kg/d	24hr	1 exceedance	1448		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway

**Total Clean Water Regulations = 2 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Ontario Power Generation Inc. - Bruce Heavy Water Plant

Kincardine  
Kincardine

**Sector:** Electric Power Generation  
**Ministry Office:** Owen Sound

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

##### C of A Non-Compliance

November 2005	30	mg/L	/quart	1 exceedance	136		None Required	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Ontario Power Generation Inc. - Lambton Generating Station

1886 St. Clair Parkway  
St. Clair

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

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

##### C of A Non-Compliance

March 31, 2005 - April 7, 2005	3	mg/L	mon avg	1 exceedance	3.3		Other	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 1 exceedance**

#### BIOCHEMICAL OXYGEN DEMAND

##### C of A Non-Compliance

March 31, 2005 - April 7, 2005	10	mg/L	mon avg	1 exceedance	14		Other	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 1 exceedance**

#### IRON

##### Clean Water Regulations

February 1, 2005 - February 28, 2005	1	ppm	mon avg	1 exceedance	1.33		Additional monitoring underway	Assessment underway
February 23, 2005 - February 24, 2005	2.5	mg/L	/d	1 exceedance	3.1		Additional monitoring underway, Conducting Study	Assessment underway
March 1, 2005 - March 31, 2005	1	ppm	mon avg	1 exceedance	1.19		Additional monitoring underway	Assessment underway

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Ontario Power Generation Inc. - Lambton Generating Station

1886 St. Clair Parkway  
St. Clair

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

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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**Total Clean Water Regulations = 3 exceedances**

#### NICKEL

##### C of A Non-Compliance

May 2005	0.5	mg/L	/mon	1 exceedance	0.81		Additional monitoring underway, Conducting Study	Assessment underway
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**Total C of A Non-Compliance = 1 exceedance**

#### PHOSPHORUS

##### C of A Non-Compliance

March 31, 2005 - April 7, 2005	0.5	mg/L	mon avg	1 exceedance	0.78		Other	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 1 exceedance**

#### SUSPENDED SOLIDS

##### C of A Non-Compliance

March 31, 2005 - April 7, 2005	10	mg/L	mon avg	2 exceedances	12	15	Other	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 2 exceedances**

#### TEMPERATURE

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Ontario Power Generation Inc. - Lambton Generating Station

1886 St. Clair Parkway  
St. Clair

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

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
<b>C of A Non-Compliance</b>								
August 2005	35	deg. C	rolling avg	1 exceedance	35.07		Ceased Operations	Assessment Complete - No Action Required

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

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Praxair Canada Inc. - Sarnia

915 Vidal St. South  
Sarnia

**Sector:** Inorganic Chemicals  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

January 1, 2005 - January 31, 2005	0.19	kg/d	mon avg	1 exceedance	0.21		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
February 1, 2005 - February 28, 2005	0.19	kg/d	mon avg	1 exceedance	0.29		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
February 2005	0.37	kg/d	/d	2 exceedances	0.38	0.46	Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

**Total Clean Water Regulations = 4 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Praxair Canada Inc. - St. Clair

461 Rokeby Line  
St. Clair

**Sector:** Inorganic Chemicals  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

December 1, 2005 - December 31, 2005	0.015	kg/d	mon avg	1 exceedance	0.043		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
December 2005	0.095	kg/d	/d	1 exceedance	0.16		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required

**Total Clean Water Regulations = 2 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Prestressed Systems Incorporated

4955 Walker Road  
Tecumseh

Sector: Miscellaneous  
Ministry Office: Windsor

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
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### LOW PH EFFLUENT

#### C of A Non-Compliance

January 3, 2005 - October 31, 2005	6.5	pH	/wk	8 exceedances	6.47	5.58	New Equipment or Treatment Process Installed	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 8 exceedances**

### SUSPENDED SOLIDS

#### C of A Non-Compliance

January 1, 2005 - October 31, 2005	15	mg/L	mon avg	2 exceedances	17.6	29	New Equipment or Treatment Process Installed	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 2 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Royal Polymers Limited

1 Esso Chemical Drive  
Sarnia

**Sector:** Organic Chemicals Manufacturing  
**Ministry Office:** Sarnia

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

#### C of A Non-Compliance

February 2005	75	kg/d	/d	1 exceedance	80.2		Action Plan Submitted - Implementing Improvements	Assessment Complete - No Action Required
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**Total C of A Non-Compliance = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Shell Canada Products Limited

150 St. Clair Parkway  
St. Clair

**Sector:** Petroleum Refinery  
**Ministry Office:** Sarnia

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

#### C of A Non-Compliance

September 2005	2	ppb	/hr	1 exceedance	45		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
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**Total C of A Non-Compliance = 1 exceedance**

### VOLATILE SUSPENDED SOLIDS

#### C of A Non-Compliance

June 29, 2005 - June 30, 2005	15	mg/L	any	1 exceedance	31		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway
October 15, 2005 - October 16, 2005	15	mg/L	any	1 exceedance	44		Action Plan Submitted - Implementing Improvements	Voluntary Abatement Program Underway

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

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### St. Thomas Sanitary Collection Service Limited Partnership - Green Lane Landfill Site

Southwold  
Southwold

**Sector:** Miscellaneous  
**Ministry Office:** London

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

##### C of A Non-Compliance

July 1, 2005 - August 31, 2005	3	mg/L	mon avg	2 exceedances	4.68	4.68	Operational Process Modification	Assessment Complete - Incident Resolved
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**Total C of A Non-Compliance = 2 exceedances**

#### COLOUR

##### C of A Non-Compliance

February 1, 2005 - February 28, 2005	100	TCU	mon avg	1 exceedance	103		Operational Process Modification	Assessment Complete - Incident Resolved
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**Total C of A Non-Compliance = 1 exceedance**

#### PHOSPHORUS

##### C of A Non-Compliance

August 1, 2005 - October 31, 2005	0.5	mg/L	mon avg	2 exceedances	0.51	0.52	Operational Process Modification	Assessment Complete - Incident Resolved
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**Total C of A Non-Compliance = 2 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Sun-Brite Canning Limited

Part of Lots 9 & 10, Conc 3  
Kingsville

**Sector:** Miscellaneous  
**Ministry Office:** Windsor

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

#### C of A Non-Compliance

May 2005	1	ppm	/d	2 exceedances	2.15	2.8	Operational Process Modification	Assessment Complete - Incident Resolved
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**Total C of A Non-Compliance = 2 exceedances**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Terra International (Canada) Inc.

161 Bickford Line, Courtright  
St. Clair

**Sector:** Inorganic Chemicals  
**Ministry Office:** Sarnia

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

#### Clean Water Regulations

March 2005	4	kg/d	/d	1 exceedance	7.97		Additional monitoring underway	Assessment Complete - No Action Required
June 2005	4	kg/d	/d	1 exceedance	8.9		Additional monitoring underway	Assessment Complete - No Action Required
December 2005	4	kg/d	/d	1 exceedance	8.2		Additional monitoring underway	Assessment Complete - No Action Required

**Total Clean Water Regulations = 3 exceedances**

### SUSPENDED SOLIDS

#### Clean Water Regulations

April 1, 2005 - April 30, 2005	880	kg/d	mon avg	1 exceedance	1187		Additional monitoring underway	Assessment Complete - No Action Required
April 2005	3500	kg/d	/d	2 exceedances	4549	9270	Additional monitoring underway	Assessment Complete - No Action Required
July 1, 2005 - July 31, 2005	880	kg/d	mon avg	1 exceedance	1060		Additional monitoring underway	Assessment Complete - No Action Required

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### Terra International (Canada) Inc.

161 Bickford Line, Courtright  
St. Clair

**Sector:** Inorganic Chemicals  
**Ministry Office:** Sarnia

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
July 2005	3500	kg/d	/d	2 exceedances	4121	8741	Additional monitoring underway	Assessment Complete - No Action Required
October 1, 2005 - October 31, 2005	880	kg/d	mon avg	1 exceedance	984		Additional monitoring underway	Assessment Complete - No Action Required
October 2005	3500	kg/d	/d	1 exceedance	5272		Additional monitoring underway	Assessment Complete - No Action Required

**Total Clean Water Regulations = 8 exceedances**

### ZINC

#### Clean Water Regulations

August 2005	12	kg/d	/d	1 exceedance	21		Additional monitoring underway	Assessment Complete - No Action Required
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**Total Clean Water Regulations = 1 exceedance**

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## 2005 Industrial Sewage Monthly Summary - Southwestern Region

### The Corporation of the County of Lambton - Sarnia Landfill Leachate Treatment Facility

5100 Blackwell Sideroad  
Sarnia

**Sector:** Miscellaneous  
**Ministry Office:** Sarnia

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

##### C of A Non-Compliance

January 1, 2005 - January 31, 2005	10	mg/L	mon avg	1 exceedance	28.7		Operational Process Modification	Assessment Complete - Incident Resolved
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**Total C of A Non-Compliance = 1 exceedance**

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