

2007 Air Emissions Monthly Summary - Southwestern Region

Cabot Canada Ltd.

800 Tashmoo Ave
Sarnia

Sector: Inorganic Chemicals
Ministry Office: Sarnia

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

C of A/Permit Non-Compliance

December 2007	20	% opacity	6min avg	1 day of exceedances	30	30	Other	Assessment Complete - No Action Required
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Total C of A/Permit Non-Compliance = 1 day of exceedances

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2007 Air Emissions 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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MERCURY

C of A/Permit Non-Compliance

June 2007	50	µg/m3	any	1 exceedance	50.4	50.4	None Required	Assessment Complete - No Action Required
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Total C of A/Permit Non-Compliance = 1 exceedance

OPACITY

C of A/Permit Non-Compliance

February 2007	5	% opacity	2hr avg.	1 day of exceedances	5.2	5.2	Action Plan Submitted - Implementing Improvements, Conducting Study, Operational Process Modification	Assessment Complete - Incident Resolved, 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 - Southwestern Region

Imperial Oil Limited - Sarnia

602 Christina St S
Sarnia

Sector: Petroleum Refineries
Ministry Office: Sarnia

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
OPACITY								
C of A/Permit Non-Compliance								
August 2007	20	% opacity	6min avg	1 day of exceedances	62.3	62.3	Operational Process Modification	Assessment Complete - Incident Resolved
September 2007	20	% opacity	6min avg	1 day of exceedances	65.7	65.7	None Required	Assessment Complete - Incident Resolved
September 2007	20	% opacity	6min avg	4 days of exceedances	61.38	81.86	Operational Process Modification	Assessment Complete - Incident Resolved
November 2007	20	% opacity	6min avg	1 day of exceedances	85	85	Equipment Modified, Repaired, Replaced or Re-calibrated	Voluntary Abatement Program Underway

Total C of A/Permit Non-Compliance = 7 days of exceedances

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2007 Air Emissions Monthly Summary - Southwestern Region

Lafarge Canada Inc. - Zorra

683917 Rd 68
Zorra

Sector: Industrial Minerals
Ministry Office: London

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
OPACITY								
Legislation Non-Compliance								
January 13, 2007 - March 29, 2007	20	% opacity	6min avg	12 days of exceedances	20	100	Action Plan Submitted - Implementing Improvements, Conducting Study, Operational Process Modification	Voluntary Abatement Program Underway
April 3, 2007 - June 29, 2007	20	% opacity	6min avg	20 days of exceedances	51	100	Action Plan Submitted - Implementing Improvements, Conducting Study, Operational Process Modification	Voluntary Abatement Program Underway
July 17, 2007 - September 23, 2007	20	% opacity	6min avg	7 days of exceedances	46	100	Action Plan Submitted - Implementing Improvements, Conducting Study, Operational Process Modification	Voluntary Abatement Program Underway
October 9, 2007 - December 8, 2007	20	% opacity	6min avg	10 days of exceedances	42.5	98	Action Plan Submitted - Implementing Improvements, Conducting Study, Operational Process Modification	Voluntary Abatement Program Underway

Total Legislation Non-Compliance = 49 days of exceedances

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2007 Air Emissions 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
OPACITY								
C of A/Permit Non-Compliance								
January 2007	20	% opacity	6min avg	1 day of exceedances	28	40.8	Operational Process Modification	Assessment Complete - Incident Resolved
February 2007	20	% opacity	6min avg	1 day of exceedances	20.78	21.42	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
February 2007	20	% opacity	6min avg	2 days of exceedances	20.65	29.5	Operational Process Modification	Assessment Complete - Incident Resolved
March 2007	20	% opacity	6min avg	1 day of exceedances	44.05	62.63	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
May 2007	20	% opacity	6min avg	2 days of exceedances	21	24	Operational Process Modification	Assessment Complete - Incident Resolved
June 2007	20	% opacity	6min avg	2 days of exceedances	22.08	60	Operational Process Modification	Assessment Complete - Incident Resolved
July 2007	20	% opacity	6min avg	1 day of exceedances	70	70	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved

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2007 Air Emissions 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
August 2007	20	% opacity	6min avg	1 day of exceedances	57.76	57.76	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - No Action Required
August 2007	20	% opacity	6min avg	1 day of exceedances	20	25	Operational Process Modification	Assessment Complete - No Action Required
December 2007	20	% opacity	6min avg	1 day of exceedances	78	78	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
December 2007	20	% opacity	6min avg	1 day of exceedances	37.7	37.7	Operational Process Modification	Assessment Complete - No Action Required
December 2007	20	% opacity	6min avg	1 day of exceedances	20.98	26.06	Other	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 - Southwestern Region

Panolam Industries Ltd.

61 Domtar Rd
Huntsville

Sector: Inorganic Chemicals
Ministry Office: Barrie

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

C of A/Permit Non-Compliance

December 2007	20	% opacity	6min avg	1 day of exceedances	26	26	Other	Assessment Complete - No Action Required
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Total C of A/Permit Non-Compliance = 1 day of exceedances

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2007 Air Emissions Monthly Summary - Southwestern Region

Royal Group Technologies Limited

1 Esso Chemical Dr
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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VINYL CHLORIDE

Legislation Non-Compliance

January 12, 2007 - December 2, 2007	1	µg/m3	/d	14 exceedances	1.2	32	Action Plan Submitted - Implementing Improvements	Director's Order Issued
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Total Legislation Non-Compliance = 14 exceedances

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2007 Air Emissions Monthly Summary - Southwestern Region

**St. Marys Cement Inc. (Canada) -
St. Marys**

585 Water St S
St. Marys

Sector: Industrial Minerals
Ministry Office: London

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

Legislation Non-Compliance

April 1, 2007 - November 1, 2007	20	% opacity	6min avg	16 days of exceedances	20.3	40	Equipment Modified, Repaired, Replaced or Re- calibrated	Voluntary Abatement Program Underway
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Total Legislation Non-Compliance = 16 days of exceedances

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2007 Air Emissions Monthly Summary - Southwestern Region

Suncor Energy Products Inc. - Sarnia

1900 River Rd
Sarnia

Sector: Petroleum Refineries
Ministry Office: Sarnia

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

Legislation Non-Compliance

April 2007	4.3	µg/m3	30min avg	1 exceedance	419	419	Conducting Study	Voluntary Abatement Program Underway
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Total Legislation Non-Compliance = 1 exceedance
Based on Air Dispersion Modeling

OPACITY

C of A/Permit Non-Compliance

March 2007	20	% opacity	6min avg	1 day of exceedances	21	21	Equipment Modified, Repaired, Replaced or Re-calibrated	Assessment Complete - Incident Resolved
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Total C of A/Permit Non-Compliance = 1 day of exceedances

SULPHUR DIOXIDE

Legislation Non-Compliance

June 2007	830	µg/m3	30min avg	2 exceedances	8209	9836	Action Plan Submitted - Implementing Improvements, Operational Process Modification	Provincial Officer's Order Issued
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2007 Air Emissions Monthly Summary - Southwestern Region

Suncor Energy Products Inc. - Sarnia

1900 River Rd
Sarnia

Sector: Petroleum Refineries
Ministry Office: Sarnia

Date	Limit	Unit	Frequency	No. of Exceedances	Min.	Max.	Facility Action	Ministry Action
October 2007	830	µg/m3	30min avg	5 exceedances	863	3238	Action Plan Submitted - Implementing Improvements, Operational Process Modification	Provincial Officer's Order Issued
December 2007	830	µg/m3	30min avg	3 exceedances	1540	2412	Action Plan Submitted - Implementing Improvements, Operational Process Modification	Provincial Officer's Order Issued

**Total Legislation Non-Compliance = 10 exceedances
Based on Air Dispersion Modeling**

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