



## MEMORANDUM

**To:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Barbara Mattie

**From:** Dawn MacNeil

**Date:** November 14, 2011

**Subject:** Odour Monitoring Daily Report; November 10, 2011

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<b>Weather Conditions</b>	Partly Cloudy
<b>Precipitation</b>	None
<b>Wind Direction</b>	South/South East
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	5 °C - 12 °C

Three rounds of monitoring were conducted today with no quantifiable site-related odours greater than <2DT detected.

Please find attached:

- Odour Monitoring Data Sheets for November 14, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 10, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:34	1								X		
6:42	2								X		
6:53	3								X		
7:03	4								X		
7:13	5								X		
7:23	6								X		
7:31	7								X		
7:39	8								X		
7:48	9								X		
7:57	10								X		
8:13	11							X		715	Slight site odour - Biosolve
8:25	12								X		
8:34	13								X		
8:52	14								X		
9:00	15								X		
9:10	16								X		
9:22	17								X		

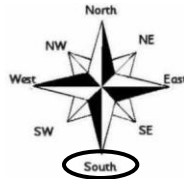
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 5 °C Relative Humidity: 87 %

Barometric Pressure: 102.51 kPa

**Notes:** 8:45 am – Frederick St – non detect  
9:33 am – Birch Street – non-detect  
9:43 am – Teak Street – non-detect

Date Signed: November 10, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: November 10, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:00	1								X		
10:09	2								X		
10:18	3								X		
10:26	4								X		
10:34	5								X		
10:45	6								X		
10:54	7								X		
11:02	8								X		
11:10	9								X		
11:18	10							X		707	Not site related (oil refinery)
11:31	11								X		
11:41	12								X		
11:49	13								X		
1:00	14								X		
1:15	15								X		
1:24	16								X		
1:33	17								X		

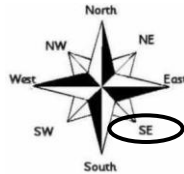
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 9 °C Relative Humidity: 81 %

Barometric Pressure: 102.58 kPa

Notes: 11:57 am – Frederick St – 200 m from stop sign, odour of biosolve (715) - <2DT  
1:43 pm – Birch Street – non-detect  
1:53 pm – Teak Street – non-detect

Date Signed: November 10, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: November 10, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:10	1								X		
2:23	2								X		
2:34	3								X		
2:42	4								X		
2:51	5								X		
3:00	6								X		
3:09	7								X		
3:18	8								X		
3:26	9								X		
3:36	10								X		
3:51	11								X		
4:06	12								X		
4:15	13								X		
4:40	14								X		
4:49	15								X		
4:57	16								X		

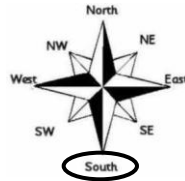
Weather Conditions

- Mostly Sunny
- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

Precipitation

- None
- Fog
- Rain
- Sleet
- Snow

Wind Direction (Blowing From)



Wind Speed

- Calm
- Light Breeze (1 – 8 km/h)
- Moderate Wind (8 – 25 km/h)
- Strong Winds (25 km/h or higher)

Temperature: 12 °C Relative Humidity: 58 %

Barometric Pressure: 102.32 kPa

**Notes:** 4:22 pm – Frederick St – closer to stop sign, slight site odour - <2DT(705,702,715)  
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 \_\_\_\_\_  
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Date Signed: November 10, 2011

Name: Gloria Paul

Signature:





Figure 1

Community Odour Monitoring Circuit  
 Sydney Tar Ponds and Coke Ovens Cleanup  
*Sydney, Nova Scotia*



**Table 1 - Odour Monitoring Circuit  
Air Monitoring Plan - Odour (AMPO)**

<b>Location No.</b>	<b>Description</b>	<b>Latitude (Degrees (°) Minutes (') Seconds (")</b>	<b>Longitude (Degrees (°) Minutes (') Seconds (")</b>
01	Forrest St.	N46° 8' 48.18"	W60° 10' 4.50"
02	FAST Furniture	N46° 8' 30.76"	W60° 10' 37.56"
03	Bus Station – Terminal Road	N46° 8' 28.30"	W60° 11' 7.55"
04	French School	N46° 8' 28.36"	W60° 10' 58.23"
05	Near Coke Oven Security Trailer	N46° 8' 55.56"	W60° 10' 7.74"
06	Fence Line – Prince and Terminal	N46° 8' 21.97"	W60° 11' 17.20"
07	Intercolonial Ambient Air Station (L5)	N46° 8' 33.36"	W60° 11' 24.30"
08	Corner of Intercolonial and Ferry Streets	N46° 8' 39.45"	W60° 11' 31.14"
09	DesBarres Street Ambient Air Station (L6)	N46° 8' 49.72"	W60° 11' 49.66"
10	Battery Point next to Fire Hydrant	N46° 8' 58.81"	W60° 12' 7.61"
11	Victoria Road Ambient Air Station (L1)	N46° 8' 42.97"	W60° 10' 32.62"
12	NS Lands Office Cul-de-sac	N46° 8' 51.94"	W60° 10' 56.32"
13	Currys Lane Ambient Air Station (L2)	N46° 9' 5.86"	W60° 10' 43.18"
14	Playground on Laurier Street Extension	N46° 9' 8.30"	W60° 10' 55.86"
15	200 m past Laurier Street Extension	N46° 9' 10.05"	W60° 11' 6.63"
16	Bottom of Henry Street	N46° 9' 16.30"	W60° 11' 17.60"
17	Fredrick St.	N46° 9' 10.26"	W60° 10' 12.12"

# Odor Descriptors

