



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** December 12, 2011

**Subject:** Odour Monitoring Daily Report; December 9, 2011

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<b>Weather Conditions</b>	Partly Cloudy
<b>Precipitation</b>	None
<b>Wind Direction</b>	West/South West
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	-2 °C - 4 °C

Three and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for December 9, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: December 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	1								X		
7:06	2								X		
7:12	3								X		
7:19	4								X		
7:26	5								X		
7:33	6								X		
7:40	7								X		
7:47	8								X		
7:54	9								X		
8:01	10								X		
8:08	11								X		
8:15	12								X		
8:22	13								X		
8:30	14								X		
8:37	15								X		
8:44	16								X		
8:50	17								X		

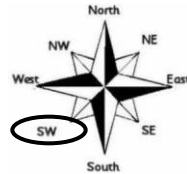
Weather Conditions

- 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: \_\_\_-2\_\_\_ °C

Relative Humidity: \_\_\_\_\_ 63 \_\_\_\_\_ %

Barometric Pressure: \_\_\_102.40\_\_\_ kPa

Notes:

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Date Signed: December 9, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: December 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:00	1								X		
9:07	2								X		
9:14	3								X		
9:21	4								X		
9:28	5								X		
9:36	6								X		
9:41	7								X		
9:43	8								X		
9:54	9								X		
10:03	10								X		
10:09	11								X		
10:16	12								X		
10:23	13								X		
10:47	14								X		
10:55	15								X		
11:03	16								X		
11:12	17								X		

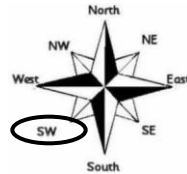
Weather Conditions

- 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: 1 °C Relative Humidity: 59 %

Barometric Pressure: 102.67 kPa

Notes:

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Date Signed: December 9, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: December 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:24	1								X		
11:33	2								X		
11:42	3								X		
11:51	4								X		
12:50	5								X		
1:05	6								X		
1:13	7								X		
1:21	8								X		
1:29	9								X		
1:39	10								X		
1:58	11								X		
2:12	12								X		
2:21	13								X		
2:29	14								X		
2:37	15								X		
2:45	16								X		
2:56	17								X		

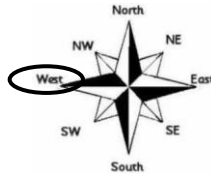
Weather Conditions

- 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:   2   °C Relative Humidity:   60   %

Barometric Pressure:  102.64  kPa

Notes:

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Date Signed: December 9, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: December 9, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:12	1								X		
3:22	2								X		
3:32	3								X		
3:41	4								X		
3:53	5								X		
4:07	6								X		
4:15	7								X		
4:23	8								X		
4:32	9								X		
4:40	10								X		
4:45	11								X		

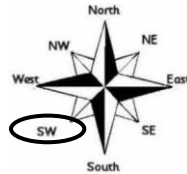
Weather Conditions

- 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: 4 °C Relative Humidity: 52 %

Barometric Pressure: 102.69 kPa

Notes: \_\_\_\_\_  
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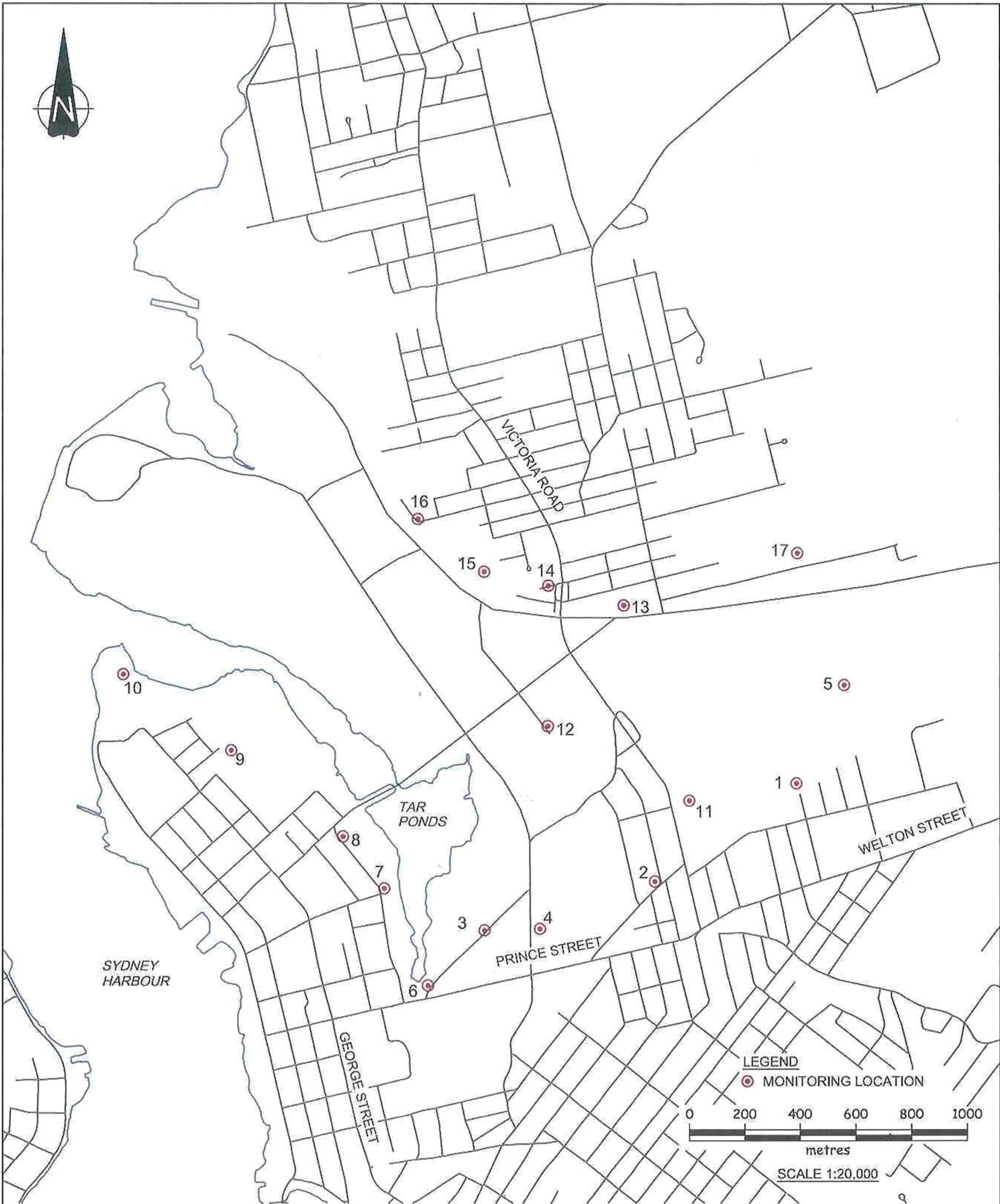


Figure 1

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

