



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** August 13, 2012

**Subject:** Odour Monitoring Daily Report; August 11, 2012

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<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	Rain/Fog
<b>Wind Direction</b>	South West
<b>Wind Speed</b>	Light to Moderate Wind ( 1 - 25 km/h)
<b>Temperature</b>	17 °C - 22 °C

Four rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

- Odour Monitoring Data Sheets for August 11, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	10								X		
7:16	9								X		
7:24	8								X		
7:31	7								X		
7:37	6								X		
7:44	3								X		
7:51	4								X		
7:59	12								X		
8:07	17								X		
8:15	13								X		
8:21	14								X		
8:28	15								X		
8:34	16								X		
8:43	11								X		
8:49	2								X		
8:56	1								X		
9:03	5								X		

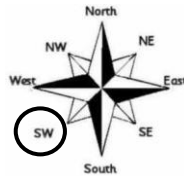
Weather Conditions

- 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: 17 °C

Relative Humidity: 94 %

Barometric Pressure: 101.89 kpa

Notes:

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Date Signed: August 11, 2012

Name: Jackie Miles

Signature: Jackie Miles



**ODOUR MONITORING DATA SHEET**

DATE: August 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:35	10								X		
9:44	9								X		
9:53	8								X		
9:59	7								X		
10:07	6								X		
10:14	3								X		
10:20	4								X		
10:28	12								X		
10:35	17								X		
10:43	13								X		
10:51	14								X		
10:57	15								X		
11:04	16								X		
11:14	11								X		
11:20	2								X		
11:28	1								X		
11:37	5								X		

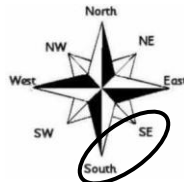
Weather Conditions

- 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: 19 °C

Relative Humidity: 90 %

Barometric Pressure: 102.00 kpa

**Notes:**

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Date Signed: August 11, 2012

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:48	10								X		
11:54	9								X		
12:00	8								X		
12:07	7								X		
12:14	6								X		
12:20	3								X		
1:15	4								X		
1:22	12								X		
1:30	17								X		
1:36	13								X		
1:43	14								X		
1:49	15								X		
1:56	16								X		
2:07	11								X		
2:14	2								X		
2:22	1								X		
2:30	5								X		

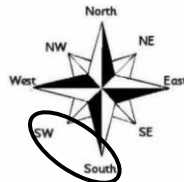
Weather Conditions

- 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: 21 °C

Relative Humidity: 80 %

Barometric Pressure: 102.01 kpa

Notes:

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Date Signed: August 11, 2012

Name: Jackie Miles

Signature: Jackie Miles



**ODOUR MONITORING DATA SHEET**

DATE: August 11, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:41	10								X		
2:47	9								X		
2:53	8								X		
2:59	7								X		
3:05	6								X		
3:11	3								X		
3:17	4								X		
3:24	12								X		
3:30	17								X		

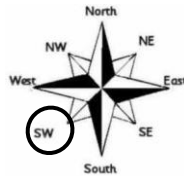
Weather Conditions

- 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: 22 °C

Relative Humidity: 78 %

Barometric Pressure: 101.99 kpa

Notes: \_\_\_\_\_  
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Date Signed: August 11, 2012

Name: Jackie Miles

Signature: Jackie Miles

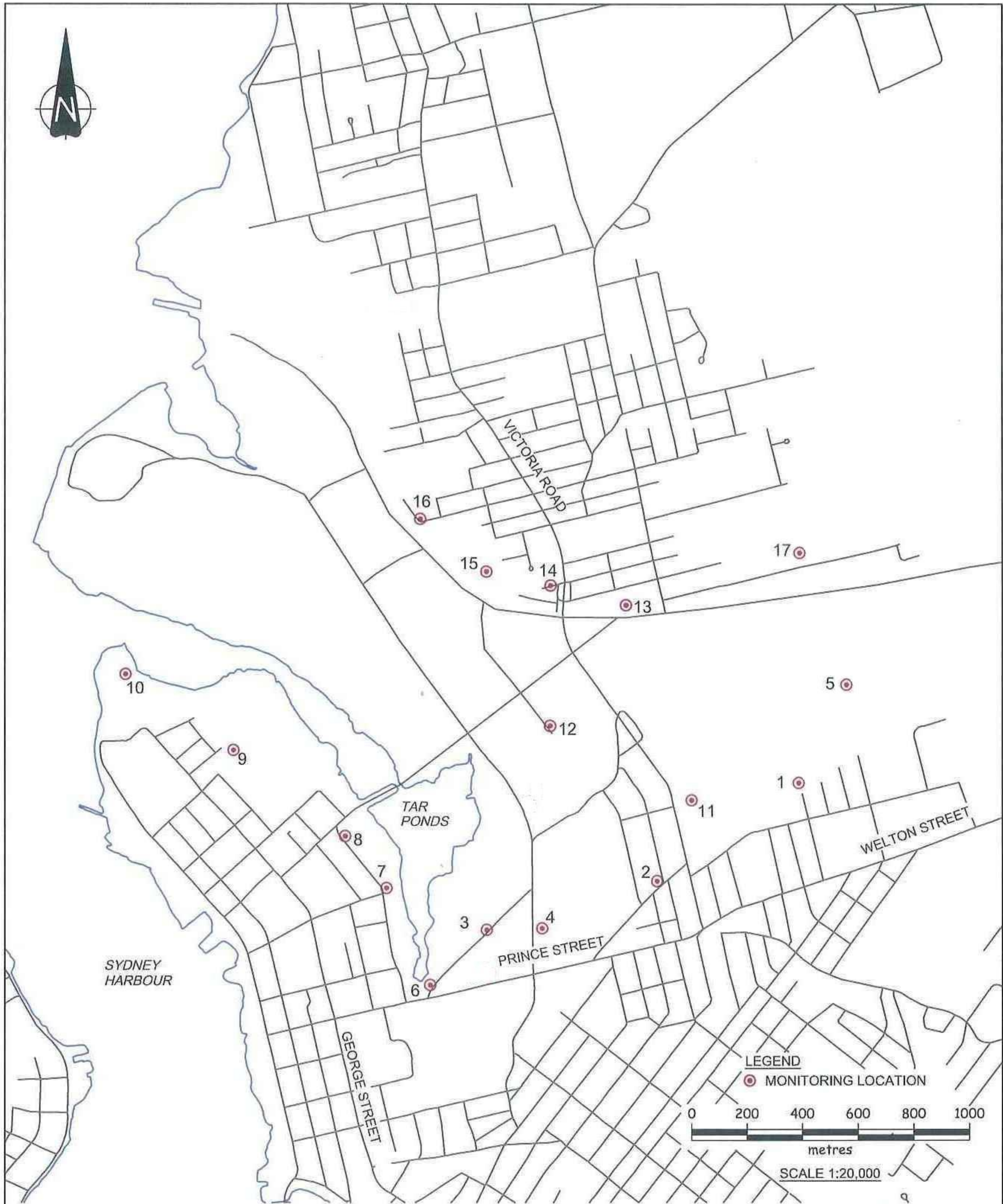


Figure 1

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

