



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** October 31, 2011

**Subject:** Odour Monitoring Daily Report; October 28, 2011

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<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	Rain in the morning/None
<b>Wind Direction</b>	North/North West
<b>Wind Speed</b>	Moderate winds (8 - 25 km/h)
<b>Temperature</b>	4 C - 6 C

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

Please find attached:

- Odour Monitoring Data Sheets for October 28, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 28, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:10	1								X		
7:23	2								X		
7:31	3								X		
7:37	4								X		
7:47	5								X		
7:59	6								X		
8:07	7								X		
8:14	8								X		
8:21	9								X		
8:29	10								X		
8:43	11								X		
8:57	12								X		
9:10	13								X		
9:19	14								X		
9:31	15								X		
9:43	16								X		
9:50	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: 4 °C Relative Humidity: 92 %

Barometric Pressure: 100.17 kPa

Notes:

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Date Signed: October 28, 2011

Name: Jackie Miles

Signature: Jackie Miles



**ODOUR MONITORING DATA SHEET**

DATE: October 28, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:25	1								X		
10:34	2								X		
10:40	3								X		
10:46	4								X		
10:51	5								X		
10:57	6								X		
11:03	7								X		
11:09	8								X		
11:16	9								X		
11:24	10							X		515	WWTP
11:37	11								X		
11:46	12								X		
11:52	13								X		
11:59	14								X		
12:04	15								X		
12:10	16								X		
12:16	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: 4 °C Relative Humidity: 93 %

Barometric Pressure: 100.26 kPa

**Notes:**

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Date Signed: October 28, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: October 28, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:03	1								X		
1:10	2								X		
1:17	3								X		
1:22	4								X		
1:27	5								X		
1:33	6								X		
1:38	7								X		
1:43	8								X		
1:48	9								X		
1:55	10								X		
2:07	11								X		
2:14	12								X		
2:21	13								X		
2:27	14								X		
2:32	15								X		
2:37	16								X		
2:43	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: \_\_\_\_ 91 \_\_\_\_ %

Barometric Pressure: \_\_\_\_ 100.30 \_\_\_\_ kPa

Notes:

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Date Signed: October 28, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: October 28, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:51	1								X		
2:56	2								X		
3:02	3								X		
3:08	4								X		
3:13	5								X		
3:18	6								X		
3:23	7								X		
3:50	8								X		
3:56	9								X		
4:04	10								X		
4:16	11								X		
4:23	12								X		
4:29	13								X		
4:35	14								X		
4:41	15								X		
4:46	16								X		
4:52	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: \_\_\_\_ 90 \_\_\_\_ %

Barometric Pressure: \_\_\_\_ 100.33 \_\_\_\_ kPa

Notes:

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Date Signed: October 28, 2011

Name: Jackie Miles

Signature: Jackie Miles



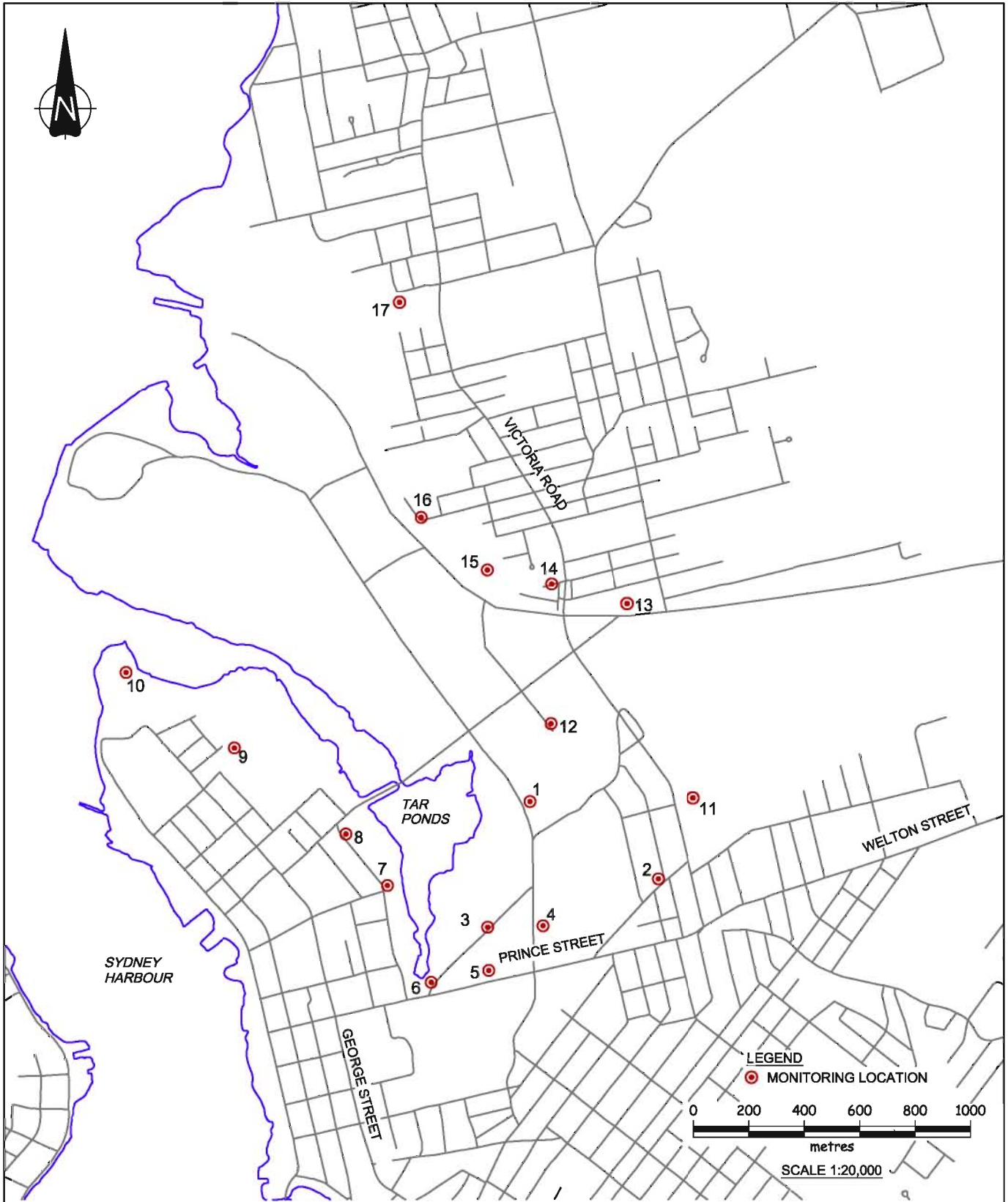


Figure 1

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



<b>Location No.</b>	<b>Description</b>	<b>Latitude (Degrees (°) Minutes (') Seconds (")</b>	<b>Longitude (Degrees (°) Minutes (') Seconds (")</b>
01	STPA Parking Lot	N46° 8' 42.89"	W60° 11' 0.08"
02	FAST Furniture	N46° 8' 33.76"	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	Boston Pizza	N46° 8' 23.25"	W60° 11' 7.48"
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	Harbourside Elementary School	N46° 9' 41.50"	W60° 11' 20.68"



# Odor Descriptors

