



## MEMORANDUM

**To:** Dawn MacNeil

**CC:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Kathleen Whelan

**From:** Barbara Mattie

**Date:** August 5, 2011

**Subject:** Odour Monitoring Daily Report; August 4, 2011

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<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	None
<b>Wind Direction</b>	East primarily
<b>Wind Speed</b>	Varied between 8 – 25 km/h
<b>Temperature</b>	12 °C - 18 °C

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

Please find attached:

- Odour Monitoring Data Sheets for August 4, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: August 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:18	10								X		
7:24	9								X		
7:30	8								X		
7:36	7								X		
7:41	6								X		
7:45	3								X		
7:50	4								X		
7:54	5								X		
7:59	2								X		
8:04	11								X		
8:09	1								X		
8:14	12								X		
8:20	13								X		
8:25	14								X		
8:30	15								X		
8:34	16								X		
8:40	17								X		

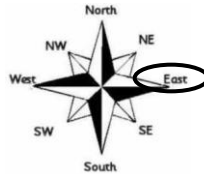
Weather Conditions

- 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: 12 °C    Relative Humidity: \_\_\_\_\_ %    Barometric Pressure: \_\_\_\_\_ kPa

Notes: \_\_\_\_\_  
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 \_\_\_\_\_  
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Date Signed: August 4, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: August 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:55	10								X		
9:00	9							X		712	Slight site odour
9:25	8								X		
9:30	7								X		
9:36	6								X		
9:40	3								X		
9:45	4								X		
9:49	5								X		
9:54	2								X		
9:59	11								X		
10:05	1								X		
10:12	12								X		
10:20	13								X		
10:25	14								X		
10:30	15								X		
10:35	16								X		
10:54	17								X		

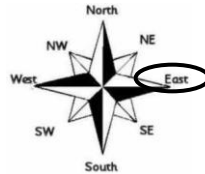
Weather Conditions

- 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: 14 °C Relative Humidity: \_\_\_\_\_ %

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

Notes:

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Date Signed: August 4, 2011

Name: Jackie Miles

Signature: Jackie Miles



**ODOUR MONITORING DATA SHEET**

DATE: August 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:15	10								X		
11:21	9							X		712,212	Slight site/bio-solve odour
11:32	8								X		
11:37	7								X		
11:42	6								X		
11:46	3								X		
11:51	4								X		
11:55	5								X		
12:01	2								X		
1:13	11								X		
1:24	1								X		
1:29	12								X		
1:35	13								X		
1:42	14								X		
1:46	15								X		
1:51	16								X		
1:59	17								X		

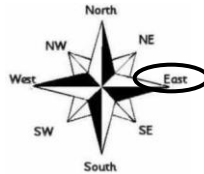
Weather Conditions

- 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: 18 °C Relative Humidity: \_\_\_\_\_ %

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

**Notes:**

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Date Signed: August 4, 2011

Name: Jackie Miles

Signature: Jackie Miles



**ODOUR MONITORING DATA SHEET**

DATE: August 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:11	10								X		
2:16	9							X		712	Slight site odour
2:26	8								X		
2:31	7								X		
2:37	6								X		
2:41	3								X		
2:46	4								X		
2:51	5								X		
2:57	2								X		
3:02	11								X		
3:08	1								X		
3:12	12								X		
3:17	13								X		
3:30	14								X		
3:34	15								X		
3:39	16								X		
3:46	17								X		

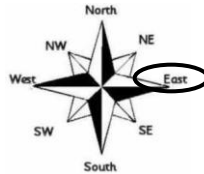
Weather Conditions

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- 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: 18 °C Relative Humidity: \_\_\_\_\_ %

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

**Notes:**

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Date Signed: August 4, 2011

Name: Jackie Miles

Signature: Jackie Miles



**ODOUR MONITORING DATA SHEET**

DATE: August 4, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:00	10								X		
4:05	9							X		212	Slight bio-solve odour
4:13	8								X		
4:22	7								X		
4:29	6								X		
4:33	3								X		
4:38	4								X		
4:42	5								X		
4:47	2								X		
4:51	11								X		
4:56	1								X		
5:00	12								X		
5:04	13								X		
5:09	14								X		
5:14	15								X		
5:18	16								X		
5:25	17								X		

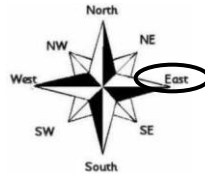
Weather Conditions

- 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: 16 °C    Relative Humidity: \_\_\_\_\_ %    Barometric Pressure: \_\_\_\_\_ kPa

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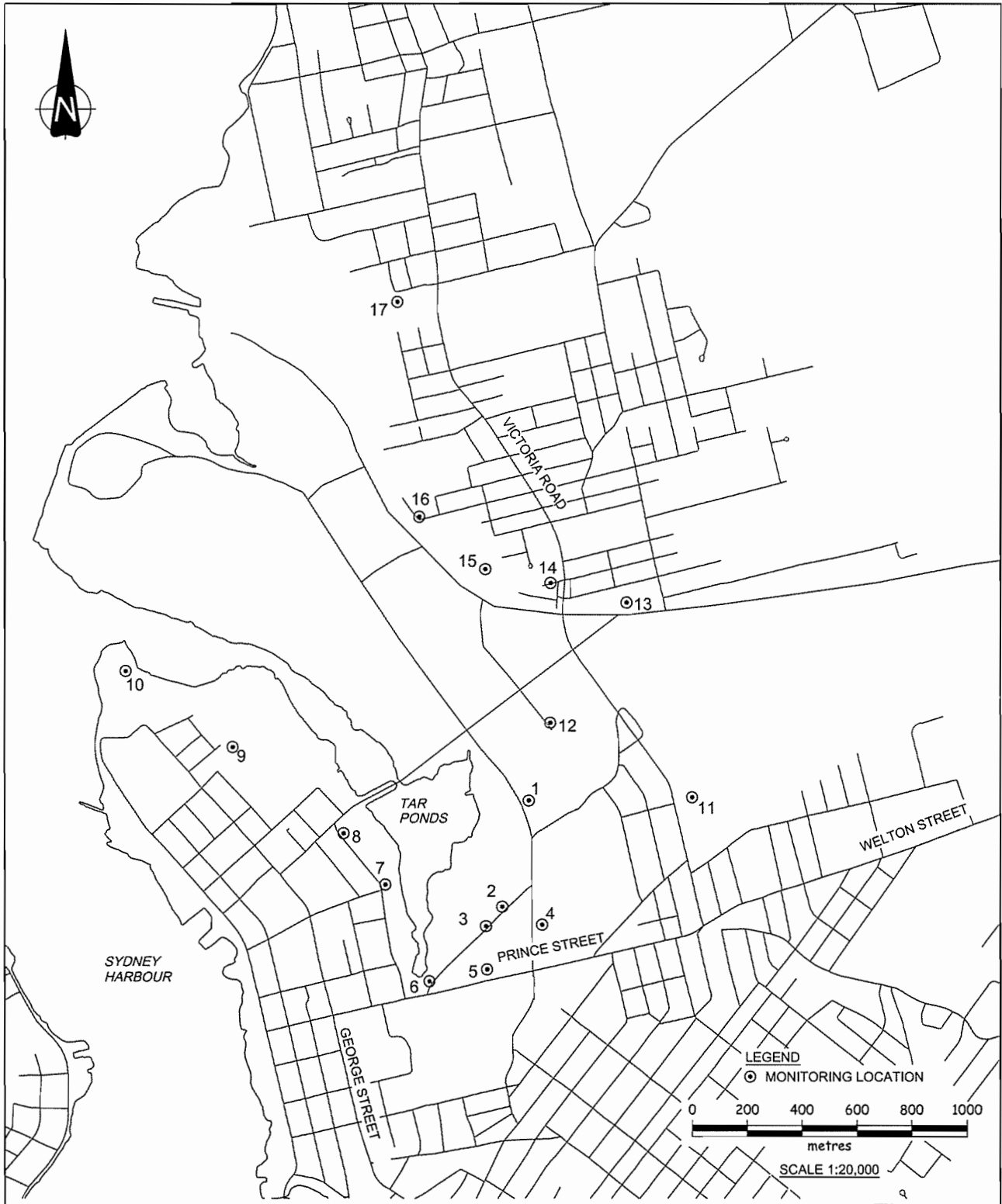


Figure 1

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



**Table 3 - Odour Monitoring Circuit**  
**Air Monitoring Plan – Odour (AMPO)**

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds ("))	Longitude (Degrees (°) Minutes (') Seconds ("))
01	STPA Parking Lot	N46° 8' 42.89"	W60° 11' 0.08"
02	Corner of Richmond & Disco St.	N46° 8' 33.84"	W60° 10' 30.67"
03	Bus Station – Terminal Road	N46° 8' 28.30"	W60° 11' 1.55"
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

