



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** September 21, 2011

**Subject:** Odour Monitoring Daily Report; September 19, 2011

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<b>Weather Conditions</b>	Partly Cloudy
<b>Precipitation</b>	Rain
<b>Wind Direction</b>	East
<b>Wind Speed</b>	Varied between 8 – 25 km/h
<b>Temperature</b>	7 °C - 14 °C

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

Please find attached:

- Odour Monitoring Data Sheets for September 19, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: September 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:40	1								X		
6:48	2								X		
6:58	3								X		
7:08	4								X		
7:17	5								X		
7:27	6								X		
7:35	7								X		
7:45	8								X		
7:54	9								X		
8:08	10								X		
8:23	11								X		
8:39	12								X		
8:49	13								X		
8:57	14								X		
9:06	15								X		
9:18	16								X		
9:29	17								X		

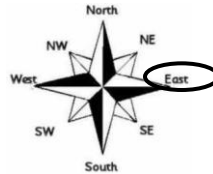
Weather Conditions

- 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: 7 °C Relative Humidity: 93 %

Barometric Pressure: 103.04 kPa

Notes:

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Date Signed: September 19, 2011

Name: Gloria Paul

Signature:



**ODOUR MONITORING DATA SHEET**

DATE: September 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:48	1							X		212,715	Slight site/bio-solve odour
9:58	2							X		212,715	Slight site/bio-solve odour
10:10	3								X		
10:18	4								X		
10:28	5								X		
10:36	6								X		
10:44	7								X		
10:55	8								X		
11:08	9							X		212	Slight bio-solve odour
11:21	10							X		715	Slight site odour
11:36	11								X		
11:49	12								X		
11:56	13								X		
1:00	14								X		
1:11	15								X		
1:20	16								X		
1:29	17								X		

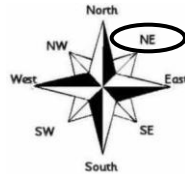
Weather Conditions

- 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: 13 °C Relative Humidity: 67 %

Barometric Pressure: 103.01 kPa

**Notes:**

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Date Signed: September 19, 2011

Name: Gloria Paul

Signature:



**ODOUR MONITORING DATA SHEET**

DATE: September 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:42	1								X		
1:52	2								X		
2:03	3								X		
2:13	4								X		
2:20	5								X		
2:29	6								X		
2:38	7								X		
2:44	8								X		
2:54	9							X		715	Slight site/bio-solve odour
3:03	10								X		
3:19	11								X		
3:30	12								X		
3:39	13								X		
3:49	14								X		
3:59	15								X		
4:10	16								X		
4:18	17								X		

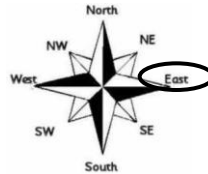
Weather Conditions

- 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: 59 %

Barometric Pressure: 102.80 kPa

**Notes:**

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Date Signed: September 19, 2011

Name: Gloria Paul

Signature:



**ODOUR MONITORING DATA SHEET**

DATE: September 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:32	1								X		
4:42	2								X		
4:50	3								X		
4:57	4								X		

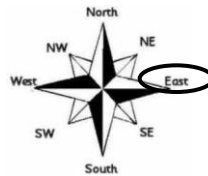
Weather Conditions

- 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: 88 %    Barometric Pressure: 102.60 kPa

Notes: \_\_\_\_\_  
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Date Signed: September 19, 2011      Name: Gloria Paul      Signature: *Gloria Paul*

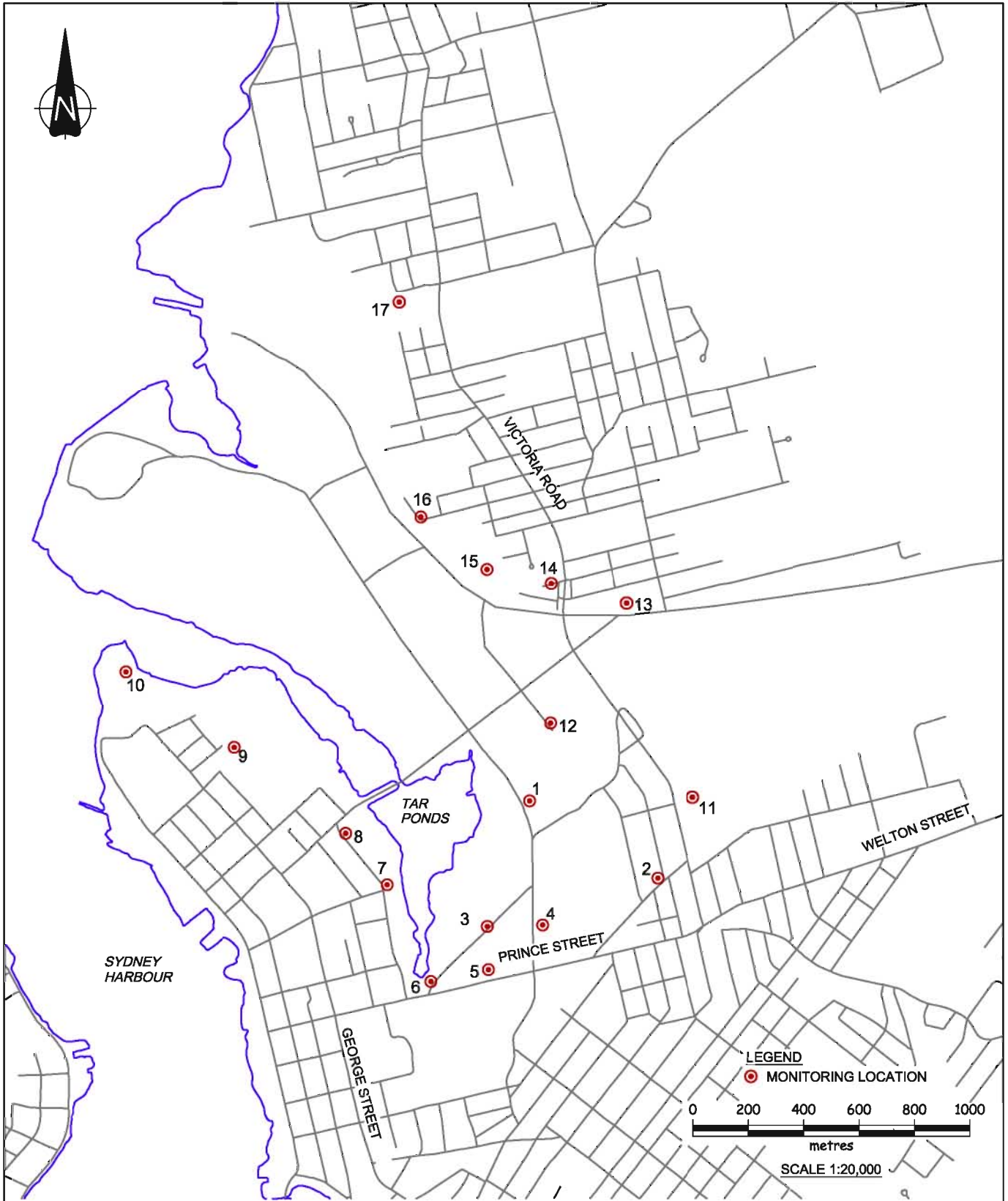


Figure 1

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

