



## MEMORANDUM

**To:** Dawn MacNeil  
**CC:** Jerome MacNeil; Donnie Burke; Geoff Verner; Ellen Gushue; Peter Weaver; Barbara Mattie  
**From:** Kathleen Whelan  
**Date:** June 30, 2011  
**Subject:** Odour Monitoring Daily Report; June 29, 2011

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<b>Weather Conditions</b>	Mostly sunny
<b>Precipitation</b>	None
<b>Wind Direction</b>	East / Southeast / South / Southwest
<b>Wind Speed</b>	Varied between calm and km/h
<b>Temperature</b>	11 C - 23 C

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

Please find attached:

- Odour Monitoring Data Sheets for June 29, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: June 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
8:35	1								X		
8:40	2								X		
8:44	3								X		
8:50	4								X		
8:56	5								X		
9:01	6								X		
9:06	7								X		
9:11	8								X		
9:17	9								X		
9:22	10							X		515	WWTP
9:32	11								X		
9:39	12								X		
9:45	13								X		
9:51	14								X		
9:56	15								X		
10:00	16								X		
10:09	17								X		

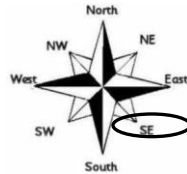
Weather Conditions

- 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: 11 °C      Relative Humidity: \_\_\_\_\_ %      Barometric Pressure: \_\_\_\_\_ kPa

Notes: \_\_\_\_\_  
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Date Signed: June 29, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: June 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:20	1								X		
10:25	2								X		
10:29	4								X		
10:35	5								X		
10:39	3								X		
10:44	6								X		
10:48	7								X		
10:52	8								X		
10:58	9								X		
11:03	10								X		
11:12	11								X		
11:18	12								X		
11:23	13								X		
11:28	14								X		
11:35	15								X		
11:41	16								X		
11:52	17								X		

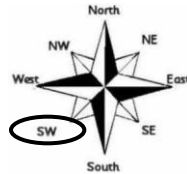
Weather Conditions

- 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: 13 °C Relative Humidity: 85 %

Barometric Pressure: 101.60 kPa

Notes:

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Date Signed: June 29, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: June 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:00	1								X		
1:05	2								X		
1:10	3								X		
1:16	4								X		
1:21	5								X		
1:26	6								X		
1:33	7								X		
1:38	8								X		
1:44	9								X		
1:53	10							X		515	WWTP
2:05	11								X		
2:13	12								X		
2:19	13								X		
2:24	14								X		
2:28	15								X		
2:33	16								X		
2:40	17								X		

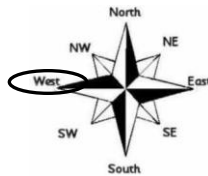
Weather Conditions

- 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: 22 °C      Relative Humidity: 68 %      Barometric Pressure: 101.5 kPa

Notes: \_\_\_\_\_  
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Date Signed: June 29, 2011

Name: Jackie Miles

Signature: Jackie Miles



ODOUR MONITORING DATA SHEET

DATE: June 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:52	1								X		
2:57	2								X		
3:01	3								X		
3:06	4								X		
3:12	5								X		
3:16	6								X		
3:21	7								X		
3:25	8								X		
3:30	9								X		
3:36	10								X		
4:15	11								X		
4:41	12								X		
4:45	13								X		
4:49	14								X		
4:53	15							X		506	Not site related
4:58	16								X		
5:11	17								X		

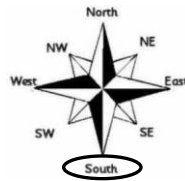
Weather Conditions

- 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: 24 °C      Relative Humidity: 50 %      Barometric Pressure: 101.4 kPa

Notes: \_\_\_\_\_  
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Date Signed: June 29, 2011

Name: Jackie Miles

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ODOUR MONITORING DATA SHEET

DATE: June 29, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
5:15	1								X		
5:19	2								X		
5:22	3								X		
5:26	4								X		
5:29	5							X			Not site related
5:33	6								X		

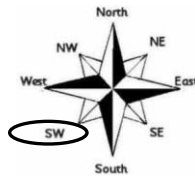
Weather Conditions

- 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: 23 °C      Relative Humidity: 61 %      Barometric Pressure: 101.4 kPa

Notes: \_\_\_\_\_  
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Date Signed: June 29, 2011      Name: Jackie Miles      Signature: Jackie Miles

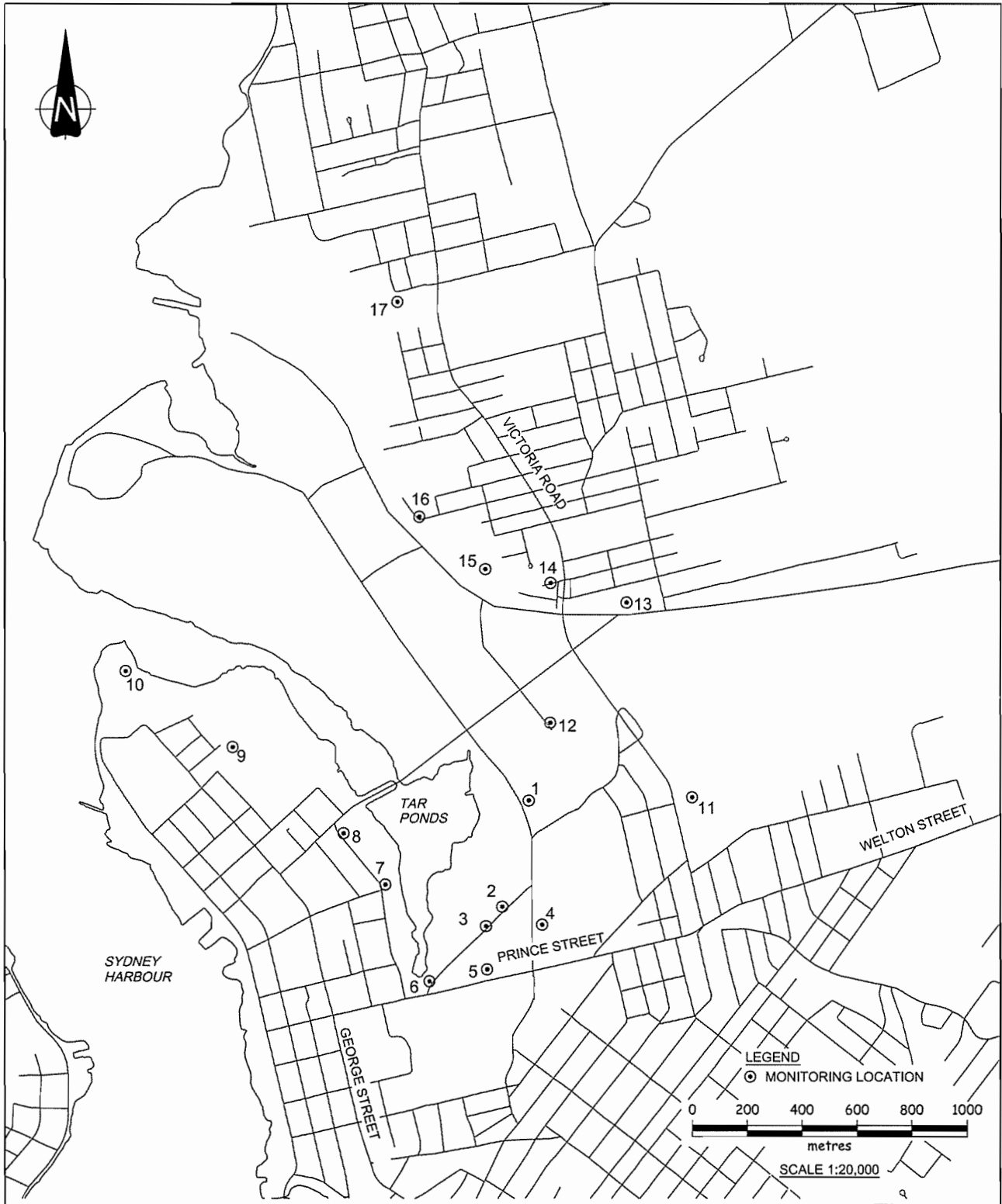


Figure 1

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	111 Terminal Road	N46° 8' 30.55"	W60° 11' 4.78"
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

