



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** July 11, 2011

**Subject:** Odour Monitoring Daily Report; July 7, 2011

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<b>Weather Conditions</b>	Overcast to sunny
<b>Precipitation</b>	None
<b>Wind Direction</b>	South West / South
<b>Wind Speed</b>	Varied between 8 – 20 km/h
<b>Temperature</b>	14 C - 26 C

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

Please find attached:

- Odour Monitoring Data Sheets for July 7, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: July 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:38	11								X		
7:49	12								X		
7:55	13								X		
8:01	14								X		
8:05	15								X		
8:09	16							X		212	Faint site odour
8:20	17								X		
8:35	1								X		
8:41	2								X		
8:46	3								X		
8:51	4								X		
8:55	5								X		
9:00	6								X		
9:05	7								X		
9:12	8								X		
9:16	9								X		
9:22	10								X		

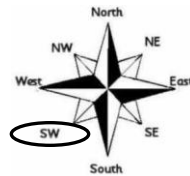
Weather Conditions

- 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: 94 %

Barometric Pressure: 101.89 kPa

Notes:

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Date Signed: July 7, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: July 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
10:31	11								X		
10:45	12								X		
10:51	13								X		
10:56	14								X		
11:00	15								X		
11:04	16								X		
11:14	17								X		
11:25	1								X		
11:29	2								X		
11:33	3								X		
11:37	4								X		
11:41	5							X			Food odour
11:45	6								X		
11:49	7								X		
11:52	8								X		
11:57	9								X		
12:03	10								X		

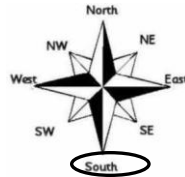
Weather Conditions

- 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: \_\_\_\_100.84\_\_\_\_ kPa

Notes:

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Date Signed: July 7, 2011

Name: Kathleen Whelan

Signature: \_\_\_\_\_

*Kathleen Whelan*



ODOUR MONITORING DATA SHEET

DATE: July 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:12	11								X		
1:20	12								X		
1:26	13								X		
1:32	14								X		
1:37	15							X		712	Faint site odour
1:43	16								X		
1:50	17								X		
2:03	1								X		
2:09	2								X		
2:15	3								X		
2:19	4								X		
2:24	5								X		
2:30	6								X		
2:34	7								X		
2:40	8							X		722	Non site odour
2:45	9							X		406	Non site odour
2:51	10								X		

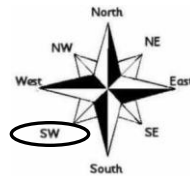
Weather Conditions

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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: 26 °C

Relative Humidity: 58 %

Barometric Pressure: 100.71 kPa

Notes:

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Date Signed: July 7, 2011

Name: Kathleen Whelan

Signature: Kathleen Whelan



ODOUR MONITORING DATA SHEET

DATE: July 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:32	11								X		
3:42	12							X		712	Slight site odour
4:03	13								X		
4:07	14								X		
4:11	15								X		
4:17	16								X		
4:25	17								X		
4:29	1						X			712,722	Slight site odour
4:37	2								X		
4:41	3								X		
4:45	4								X		
4:49	5								X		
4:53	6								X		
4:59	7								X		
5:05	8								X		
5:10	9								X		
5:14	10								X		

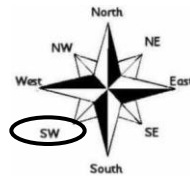
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Precipitation

- 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: 26 °C Relative Humidity: 58 %

Barometric Pressure: 101.67 kPa

Notes:

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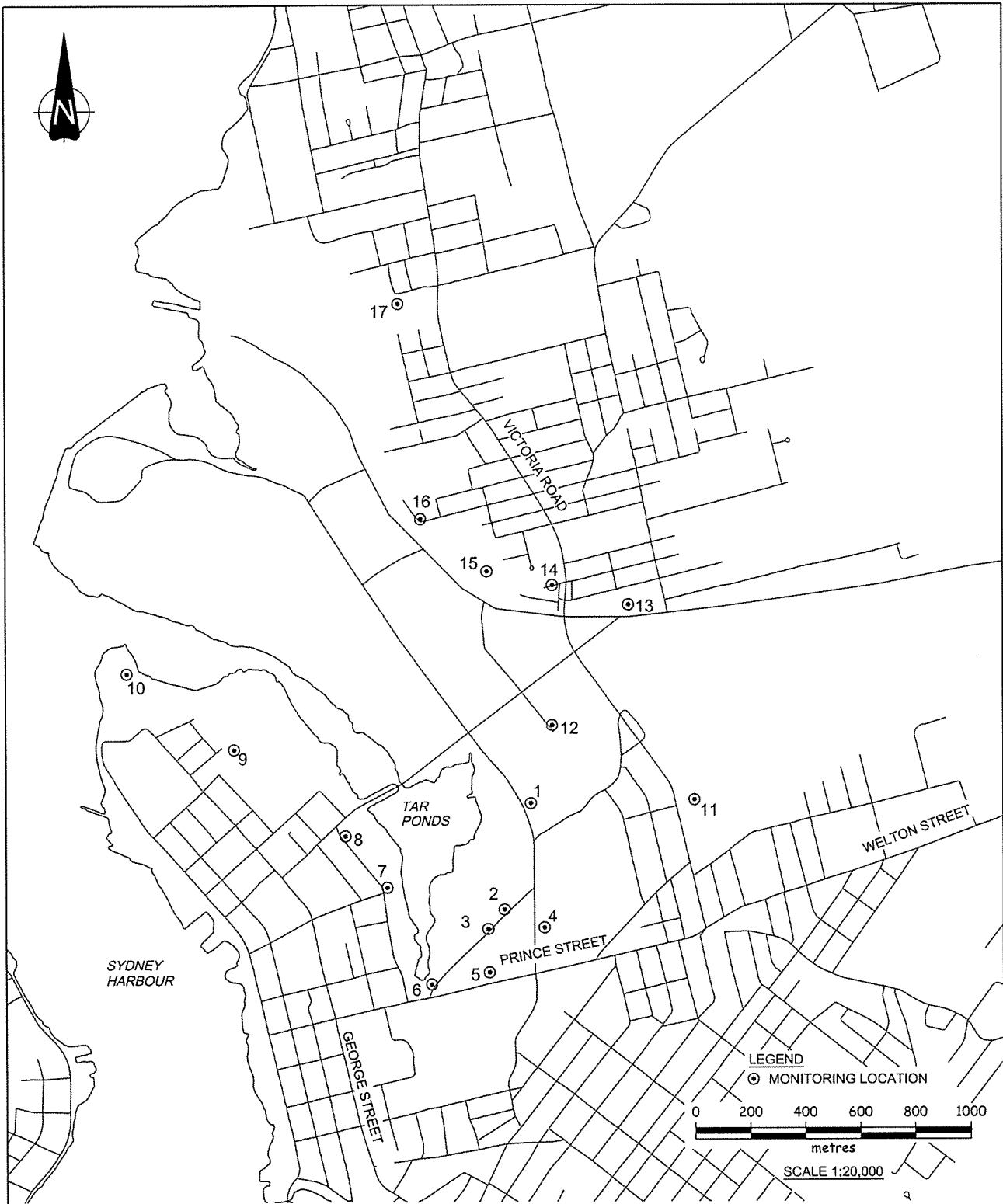


Figure 1

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	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

