



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** April 30, 2012

**Subject:** Odour Monitoring Daily Report; April 27, 2012

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<b>Weather Conditions</b>	Overcast
<b>Precipitation</b>	Rain
<b>Wind Direction</b>	South West
<b>Wind Speed</b>	Strong Winds (25 km/h or higher)
<b>Temperature</b>	5 °C - 9 °C

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

Please find attached:

- Odour Monitoring Data Sheets for April 27, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: April 27, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	5								X		
7:06	1								X		
7:12	11								X		
7:18	2								X		
7:24	4								X		
7:30	3								X		
7:36	6								X		
7:42	7								X		
7:48	8								X		
7:54	9								X		
8:03	10							X		722	Slight site odour
8:20	12								X		
8:26	17								X		
8:32	13								X		
8:38	14								X		
8:44	15								X		
8:50	16								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: 100 %

Barometric Pressure: 101.37 kpa

**Notes:**

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Date Signed: April 27, 2012

Name: Terry Hyisky

Signature: 



ODOUR MONITORING DATA SHEET

DATE: April 27, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:05	5								X		
9:11	1								X		
9:17	11								X		
9:23	2								X		
9:29	4								X		
9:36	3								X		
9:42	6								X		
9:48	7								X		
9:54	8								X		
10:01	9								X		
10:07	10								X		
10:18	12								X		
10:24	17								X		
10:30	13								X		
10:36	14								X		
10:42	15								X		
10:48	16								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: 6 °C

Relative Humidity: 100 %

Barometric Pressure: 101.29 kpa

Notes:

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Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: April 27, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
11:01	5								X		
11:07	1								X		
11:13	11								X		
11:20	2								X		
11:26	4								X		
11:32	3								X		
11:38	6								X		
11:44	7								X		
12:30	8								X		
12:36	9								X		
12:44	10								X		
12:54	12								X		
1:00	17								X		
1:06	13								X		
1:12	14								X		
1:18	15								X		
1:26	16								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: 9 °C    Relative Humidity: 83 %    Barometric Pressure: 100.25 kpa

Notes: \_\_\_\_\_  
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Date Signed: April 27, 2012

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: April 27, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:45	5								X		
1:51	1								X		
1:57	11								X		
2:04	2								X		
2:09	4								X		
2:15	3								X		
2:21	6								X		
2:27	7								X		
2:33	8								X		
2:39	9								X		
2:49	10								X		
2:56	12								X		
3:02	17								X		
3:08	13								X		
3:14	14								X		
3:20	15								X		
3:26	16								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: 8 °C

Relative Humidity: 100 %

Barometric Pressure: 99.99 kpa

Notes:

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ODOUR MONITORING DATA SHEET

DATE: April 27, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:45	5								X		
3:51	1								X		
3:57	11								X		
4:03	2								X		
4:09	4								X		
4:15	3								X		
4:21	6								X		
4:27	7								X		
4:34	10								X		
4:40	9								X		
4:46	8								X		
4:52	12								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: 8 °C

Relative Humidity: 100 %

Barometric Pressure: 99.84 kpa

Notes:

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Signature:

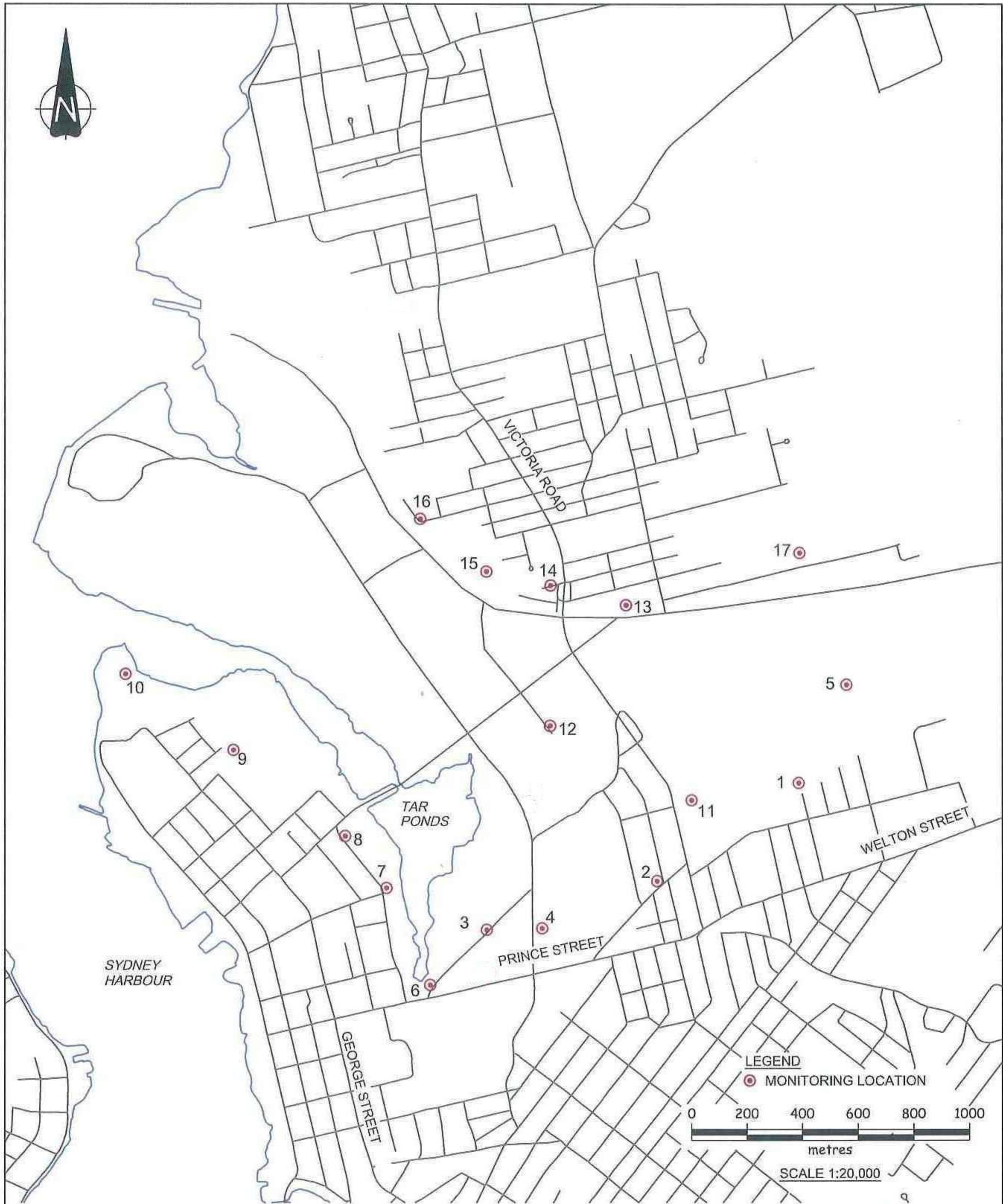


Figure 1

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



**Table 1 - Odour Monitoring Circuit**  
**Air Monitoring Plan - Odour (AMPO)**

<b>Location No.</b>	<b>Description</b>	<b>Latitude (Degrees (°) Minutes (') Seconds (")</b>	<b>Longitude (Degrees (°) Minutes (') Seconds (")</b>
01	Forrest St.	N46° 8' 48.18"	W60° 10' 4.50"
02	FAST Furniture	N46° 8' 30.76"	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	Near Coke Oven Security Trailer	N46° 8' 55.56"	W60° 10' 7.74"
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	Fredrick St.	N46° 9' 10.26"	W60° 10' 12.12"



# Odor Descriptors

