



## MEMORANDUM

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

**From:** Peter Weaver

**Date:** November 20, 2012

**Subject:** Odour Monitoring Daily Report; November 19, 2012

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<b>Weather Conditions</b>	Partly Cloudy
<b>Precipitation</b>	None
<b>Wind Direction</b>	South/South West
<b>Wind Speed</b>	Moderate Winds (8 - 25 km/h)
<b>Temperature</b>	0 °C - 5 °C

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

Please find attached:

- Odour Monitoring Data Sheets for November 19, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: November 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
7:00	3								X		
7:11	6								X		
7:16	7								X		
7:21	8								X		
7:26	9								X		
7:31	10								X		
7:41	12								X		
7:48	17								X		
7:54	13								X		
7:59	14								X		
8:04	15								X		
8:09	16								X		
8:39	5								X		
8:52	1								X		
8:58	11								X		
9:03	2								X		
9:08	4								X		

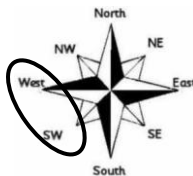
Weather Conditions

- 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: \_\_\_\_0\_\_ °C

Relative Humidity: \_\_\_\_69\_\_ %

Barometric Pressure: \_\_\_\_103.59\_\_ kpa

Notes:

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Date Signed: November 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:33	3								X		
9:40	6							X		706	Not site related – other activity in the area
9:45	7								X		
9:50	8								X		
9:55	9								X		
10:05	10								X		
10:20	12							X		712	Slight site odour
10:28	17								X		
10:33	13								X		
10:38	14							X		506	Not site related – other activity in the area
10:43	15								X		
10:48	16							X		719/723	Not site related – other activity in the area
11:11	5								X		
11:26	1								X		
11:32	11								X		
11:37	2								X		
11:42	4								X		

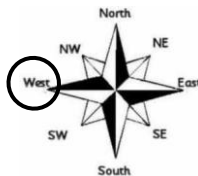
Weather Conditions

- 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: \_\_\_\_0\_\_ °C

Relative Humidity: \_\_\_\_72\_\_ %

Barometric Pressure: \_\_\_\_103.51\_\_ kpa

Notes:

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Date Signed: November 19, 2012

Name: Denise Walker

Signature: Denise Walker



ODOUR MONITORING DATA SHEET

DATE: November 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:30	3								X		
12:40	6								X		
12:55	7								X		
1:01	8								X		
1:06	9								X		
1:21	10								X		
1:40	12								X		
1:49	17								X		
1:54	13								X		
1:59	14								X		
2:04	15							X		712	Slight site odour
2:09	16								X		
2:19	5								X		
2:25	1								X		
2:31	11								X		
2:36	2								X		
2:41	4								X		

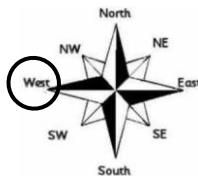
Weather Conditions

- 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: 3 °C

Relative Humidity: 62 %

Barometric Pressure: 103.31 kpa

Notes:

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Date Signed: November 19, 2012

Name: Denise Walker

Signature: Denise Walker



**ODOUR MONITORING DATA SHEET**

DATE: November 19, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:00	3								X		
3:06	6								X		
3:11	7								X		
3:16	8								X		
3:21	9								X		
3:28	10								X		
3:40	12								X		
3:47	17								X		
3:53	13								X		
3:58	14							X		506	Not site related – other activity in the area
4:03	15							X		712	Slight site odour
4:08	16							X		712	Slight site odour
4:18	5								X		
4:24	1								X		
4:30	11								X		
4:35	2								X		
4:42	4								X		

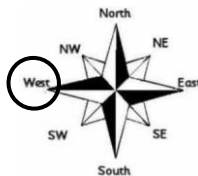
Weather Conditions

- 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: \_\_\_\_ 5 \_\_\_\_ °C

Relative Humidity: \_\_\_\_ 60 \_\_\_\_ %

Barometric Pressure: \_\_\_\_ 103.07 \_\_\_\_ kpa

**Notes:**

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Date Signed: November 19, 2012

Name: Denise Walker

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

*Denise Walker*



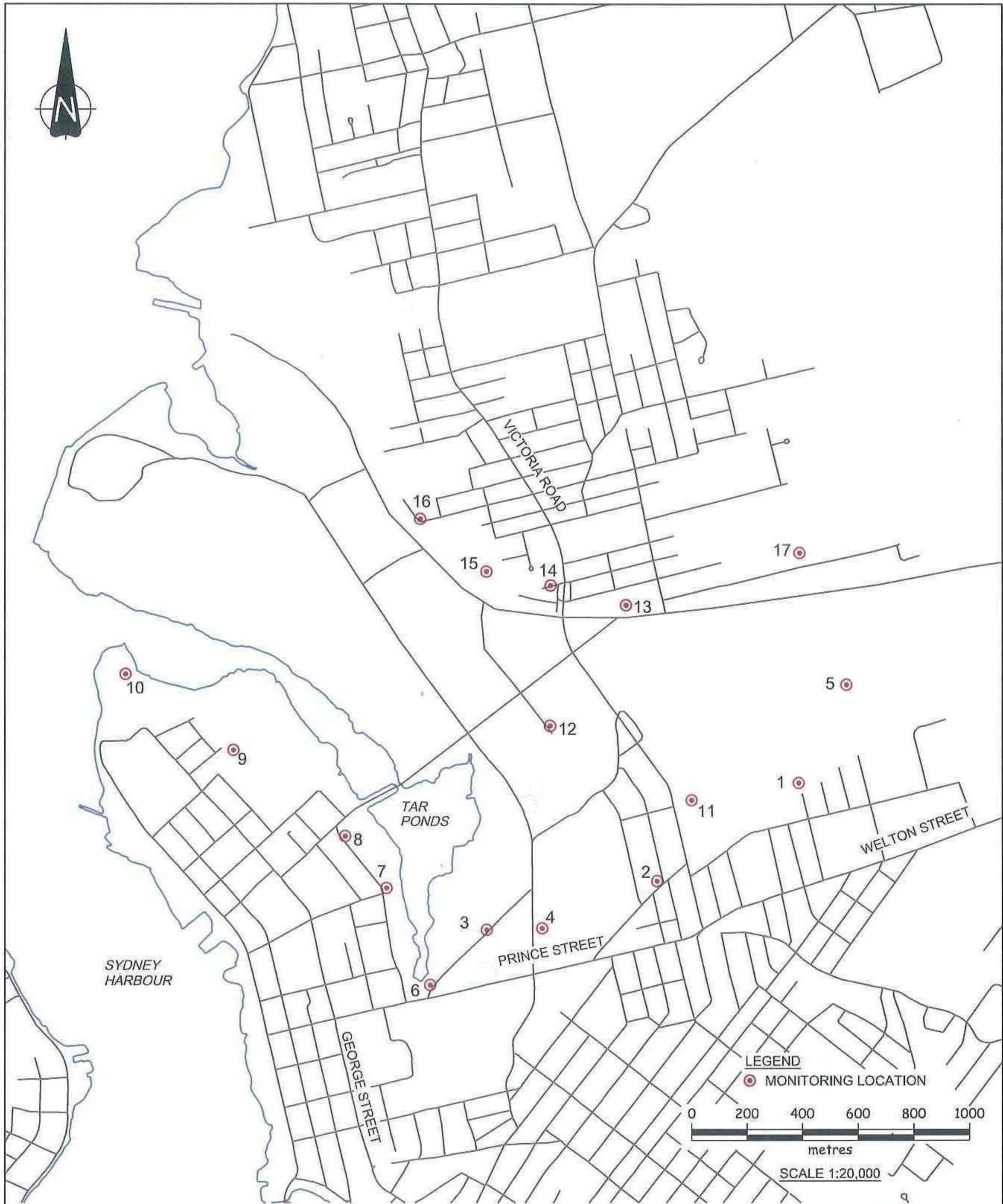


Figure 1

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

