



## MEMORANDUM

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

**From:** Dawn MacNeil

**Date:** October 31, 2011

**Subject:** Odour Monitoring Daily Report; October 27, 2011

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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>	6 °C - 7 °C

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

Please find attached:

- Odour Monitoring Data Sheets for October 27, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 27, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:34	1								X		
6:45	2								X		
6:54	3								X		
7:03	4								X		
7:11	5								X		
7:19	6								X		
7:27	7								X		
7:35	8								X		
7:45	9								X		
7:55	10								X		
8:12	11								X		
8:25	12								X		
8:35	13								X		
8:44	14								X		
8:53	15								X		
9:02	16								X		
9:13	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: 6 °C Relative Humidity: 75 %

Barometric Pressure: 99.97 kPa

Notes:

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Date Signed: October 27, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 27, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:38	1							X		715	Slight site odour (biosolve)
9:49	2								X		
9:59	3								X		
10:09	4								X		
10:17	5								X		
10:27	6								X		
10:35	7								X		
10:45	8								X		
10:56	9								X		
11:04	10							X		514	WWTP
11:17	11								X		
11:26	12								X		
11:35	13								X		
11:43	14								X		
11:51	15								X		
1:00	16								X		
1:14	17								X		

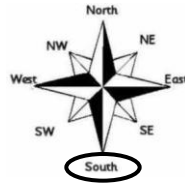
Weather Conditions

- 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: 6 °C Relative Humidity: 75 %

Barometric Pressure: 100.15 kPa

Notes:

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Date Signed: October 27, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: October 27, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:29	1								X		
1:39	2								X		
1:49	3								X		
1:58	4								X		
2:07	5								X		
2:15	6								X		
2:23	7								X		
2:31	8								X		
2:39	9								X		
2:48	10								X		
3:04	11								X		
3:13	12								X		
3:22	13								X		
3:31	14								X		
3:39	15								X		
3:48	16								X		
3:58	17								X		

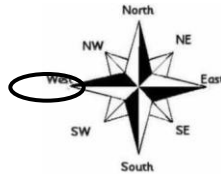
Weather Conditions

- 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: 70 %

Barometric Pressure: 100.17 kPa

Notes:

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Date Signed: October 27, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 27, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:16	1							X		715	Slight site/bio-solve odour
4:25	2								X		
4:34	3								X		
4:43	4								X		
4:52	5								X		
4:59	6								X		

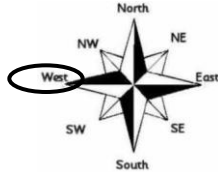
Weather Conditions

- 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: 7 °C    Relative Humidity: 70 %    Barometric Pressure: 100.25 kPa

Notes: \_\_\_\_\_  
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Date Signed: October 27 2011                      Name: Gloria Paul                      Signature: *Gloria Paul*

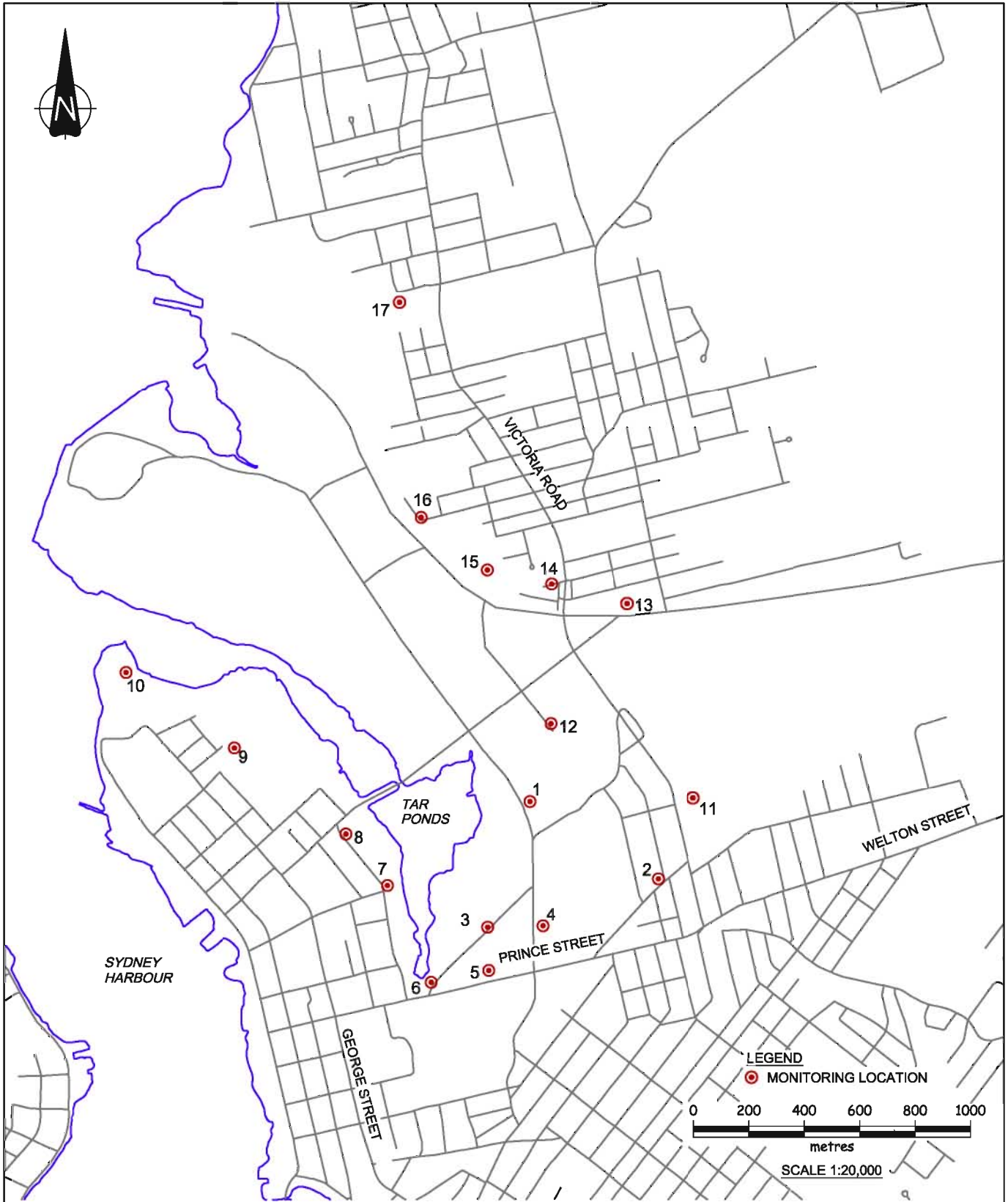


Figure 1

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

