



MEMORANDUM

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

From: Dawn MacNeil

Date: May 28, 2012

Subject: Odour Monitoring Daily Report; May 26, 2012

Weather Conditions	Mostly Sunny
Precipitation	None
Wind Direction	South West
Wind Speed	Moderate Winds (8 -25 km/h)
Temperature	9 C - 20 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 May 26, 2012
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: May 26, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:30	2								X		
9:38	12								X		
9:46	13								X		
9:54	17								X		
10:04	5							X		722	Slight site odour
10:15	1								X		
10:23	11								X		
11:00	2								X		
11:08	12								X		
11:16	13								X		
11:24	17								X		
12:01	5								X		
12:09	1								X		
12:17	11								X		
12:25	2								X		
12:36	12								X		
12:44	13								X		

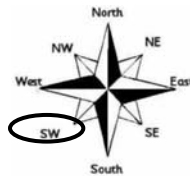
Weather Conditions

- 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: 15 °C

Relative Humidity: 72 %

Barometric Pressure: 101.69 kPa

Notes:

Date Signed: May 26, 2012

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: May 26, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:50	17								X		
12:56	5								X		
1:02	1								X		
1:04	2								X		
1:08	11								X		
1:10	13								X		
1:16	17								X		
1:22	5								X		
1:30	1								X		
1:36	11								X		
1:42	2								X		
1:48	12								X		
1:54	13								X		
2:00	17								X		
2:06	5								X		
2:12	1								X		
2:18	11								X		

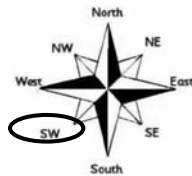
Weather Conditions

- 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: 77 %

Barometric Pressure: 101.44 kPa

Notes:

Date Signed: May 26, 2012

Name: Terry Hyisky

Signature:



ODOUR MONITORING DATA SHEET

DATE: May 26, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
2:30	2								X		
2:36	11								X		
2:42	13								X		
2:48	17								X		
2:54	5								X		
3:00	1								X		
3:06	11								X		
3:12	2								X		
3:18	12								X		
3:24	13								X		
3:30	17								X		
3:36	5								X		
3:42	1								X		
3:48	11								X		
3:54	2								X		
4:00	12								X		
4:06	13								X		

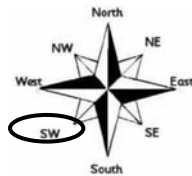
Weather Conditions

- 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: 18 °C

Relative Humidity: 77 %

Barometric Pressure: 101.34 kPa

Notes:

Date Signed: May 26, 2012

Name: Terry Hyisky

Signature: 



ODOUR MONITORING DATA SHEET

DATE: May 26, 2012

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:16	17								X		
4:22	5								X		
4:30	1								X		
4:36	11								X		
4:42	2								X		
4:48	12								X		
4:54	13								X		
5:00	17								X		
5:10	5								X		

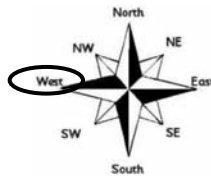
Weather Conditions

- 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: 20 °C


Relative Humidity: 73 %

Barometric Pressure: 101.28 kPa

Notes:

Date Signed: May 26, 2012

Name: Terry Hyisky

Signature: 

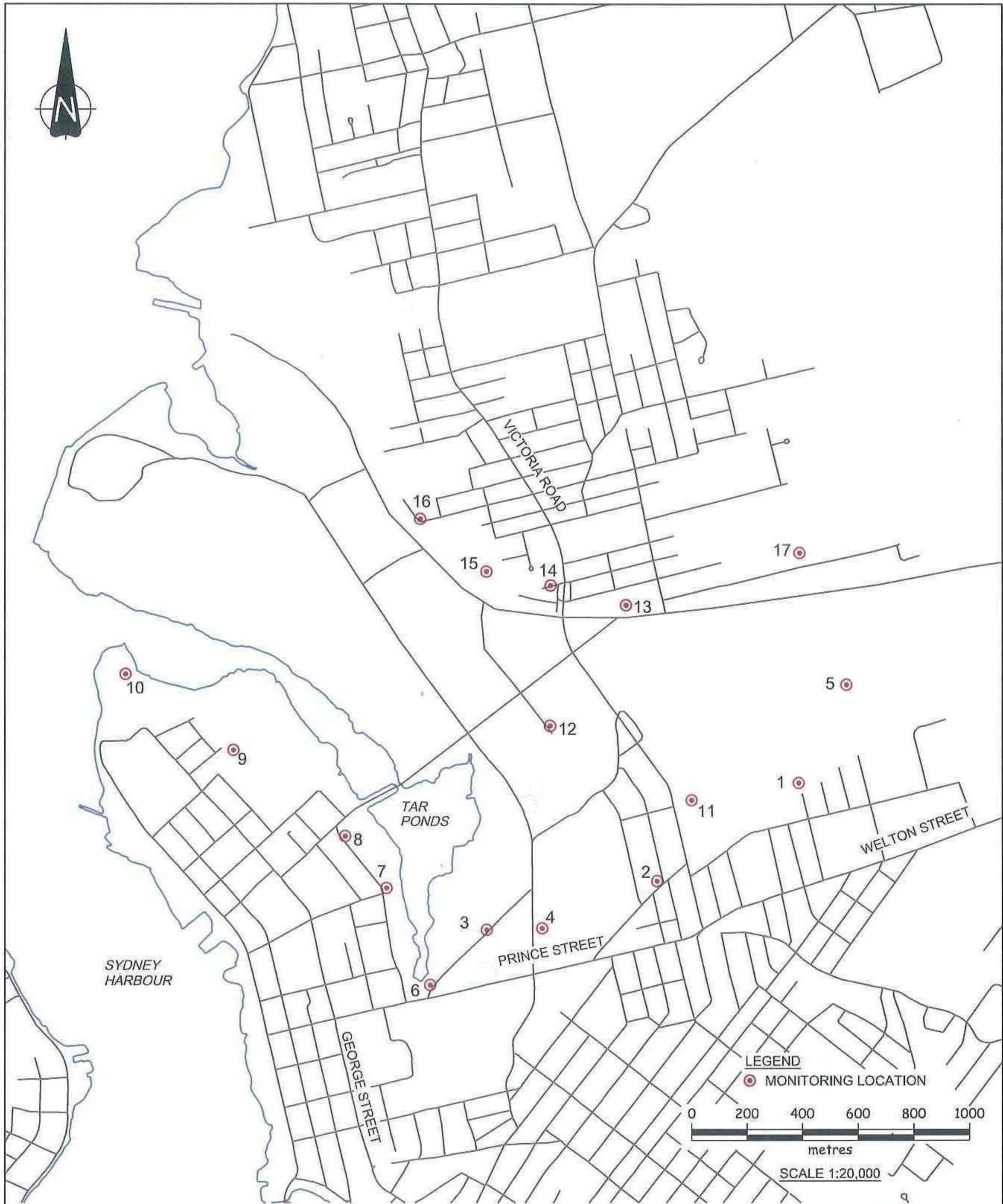


Figure 1

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



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

Location No.	Description	Latitude (Degrees (°) Minutes (') Seconds ("))	Longitude (Degrees (°) Minutes (') Seconds ("))
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

