



MEMORANDUM

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

From: Dawn MacNeil

Date: December 8, 2011

Subject: Odour Monitoring Daily Report; December 7, 2011

Weather Conditions	Overcast
Precipitation	Rain
Wind Direction	North/North West
Wind Speed	Moderate Wind/Strong (8 - 25 km/h)
Temperature	5 C - 8 C

Three and one half rounds of monitoring were conducted today with no quantifiable site-related odours detected.

Please find attached:

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



ODOUR MONITORING DATA SHEET

DATE: December 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:35	1								X		
6:43	2								X		
6:51	3								X		
6:59	4								X		
7:10	5								X		
7:21	6								X		
7:29	7								X		
7:38	8								X		
7:48	9								X		
7:57	10							X		514	WWTP
8:12	11								X		
8:24	12								X		
8:34	13								X		
8:42	14								X		
8:50	15								X		
8:58	16								X		
9:11	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: 5 °C Relative Humidity: 93 %

Barometric Pressure: 101.37 kPa

Notes:

Date Signed: December 7, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: December 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:25	1								X		
9:35	2								X		
9:44	3								X		
9:53	4								X		
10:05	5								X		
10:15	6								X		
10:23	7								X		
10:31	8								X		
10:39	9								X		
10:48	10							X		514	WWTP
11:00	11								X		
11:12	12								X		
11:21	13								X		
11:29	14								X		
11:38	15								X		
11:47	16								X		
11:56	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: 5 °C Relative Humidity: 100 %

Barometric Pressure: 101.26 kPa

Notes:

Date Signed: December 7, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: December 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:00	1								X		
1:09	2								X		
1:18	3								X		
1:26	4								X		
1:39	5								X		
1:50	6								X		
1:58	7								X		
2:10	8								X		
2:19	9								X		
2:28	10							X		514	WWTP
2:42	11								X		
2:54	12								X		
3:03	13								X		
3:23	14								X		
3:31	15								X		
3:39	16								X		
3:48	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: 8 °C Relative Humidity: 93 % Barometric Pressure: 101.03 kPa

Notes: _____

Date Signed: December 7, 2011 Name: Gloria Paul Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: December 7, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:59	1								X		
4:11	2								X		
4:19	3								X		
4:27	4								X		
4:37	5								X		
4:49	6								X		
4:57	7								X		

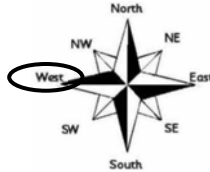
Weather Conditions

- 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: 93 % Barometric Pressure: 100.99 kPa

Notes:

Date Signed: December 7, 2011

Name: Gloria Paul

Signature:

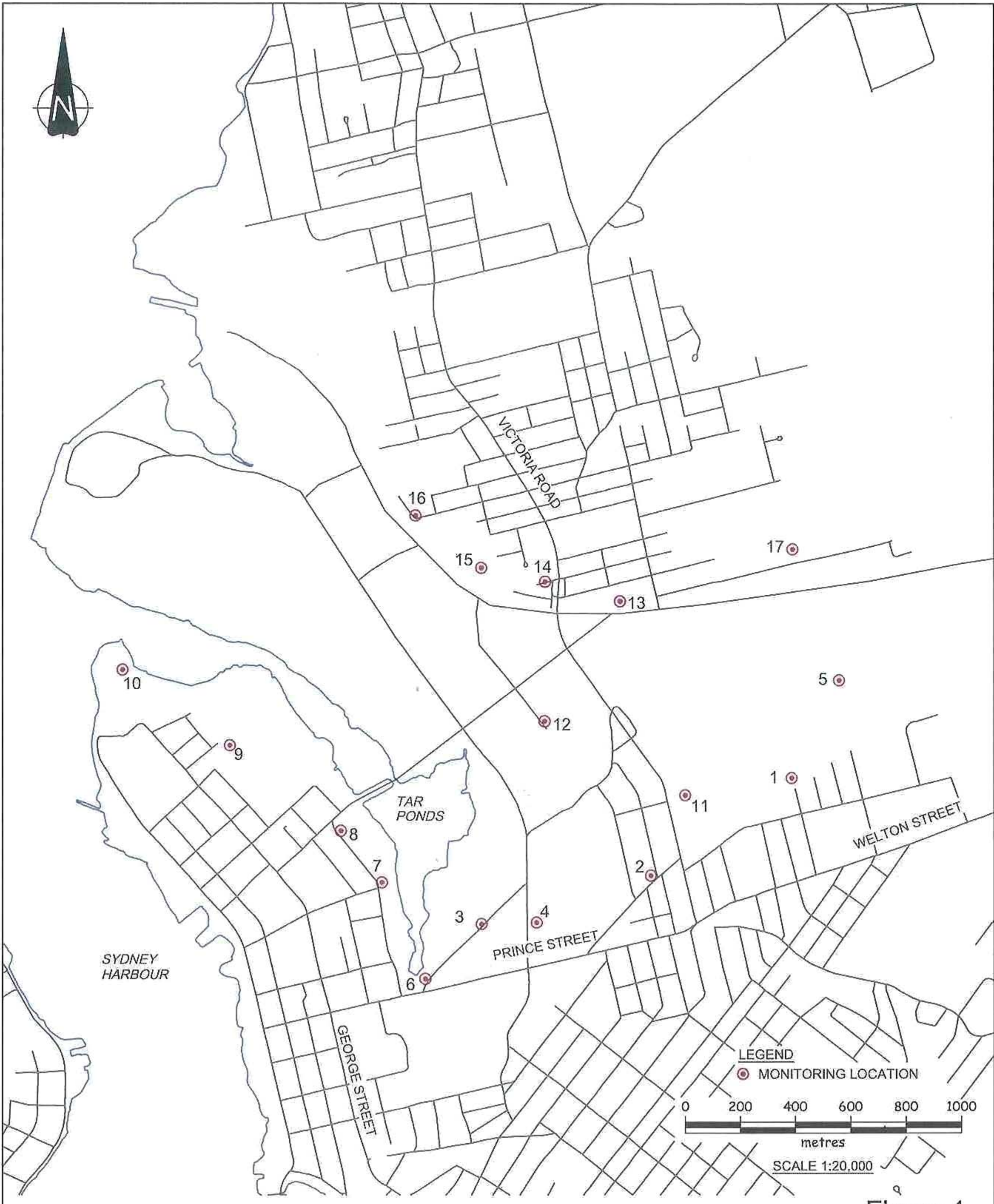


Figure 1

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

