



MEMORANDUM

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

From: Dawn MacNeil

Date: October 19, 2011

Subject: Odour Monitoring Daily Report; October 18, 2011

Weather Conditions	Partly Cloudy
Precipitation	Rain in the afternoon
Wind Direction	South/Southwest
Wind Speed	Moderate between 8 - 25 km/h
Temperature	6 C - 14 C

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

Please find attached:

- Odour Monitoring Data Sheets for October 18, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 18, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:40	1								X		
6:49	2								X		
6:58	3								X		
7:06	4								X		
7:14	5								X		
7:22	6								X		
7:30	7								X		
7:39	8								X		
7:48	9								X		
7:58	10								X		
8:12	11								X		
8:21	12								X		
8:31	13								X		
8:39	14								X		
8:48	15							X		715	Slight site Odour
8:56	16							X		715	Slight site Odour
9:10	17							X		715	Slight site Odour

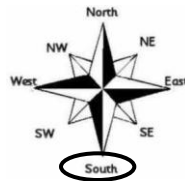
Weather Conditions

- 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: 100.71 kPa

Notes:

Date Signed: October 18, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 18, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:35	1								X		
9:45	2								X		
9:54	3								X		
10:05	4								X		
10:13	5								X		
10:21	6								X		
10:29	7								X		
10:38	8								X		
10:47	9								X		
10:58	10								X		
11:11	11								X		
11:24	12								X		
11:33	13								X		
11:41	14								X		
11:47	15							X		712	Slight site Odour
11:57	16							X		712	Slight site Odour
1:10	17							X		712	Slight site Odour

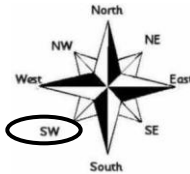
Weather Conditions

- 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: ____87__ %

Barometric Pressure: ____100.88__ kPa

Notes:

Date Signed: October 18, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: October 18, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:34	1								X		
1:43	2								X		
1:52	3								X		
2:04	4								X		
2:12	5								X		
2:20	6								X		
2:29	7								X		
2:39	8								X		
2:48	9								X		
2:58	10								X		
3:15	11								X		
3:26	12								X		
3:35	13								X		
3:44	14								X		
3:52	15							X		712	Slight site Odour
4:02	16						X			712	Slight site Odour
4:20	17							X		712	Slight site Odour

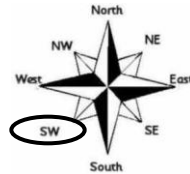
Weather Conditions

- 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: 14 °C Relative Humidity: 77 %

Barometric Pressure: 100.92 kPa

Notes:

Date Signed: October 18, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 18, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:35	1								X		
4:43	2								X		
4:51	3								X		
4:58	4								X		

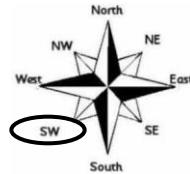
Weather Conditions

- 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: 12 °C Relative Humidity: 88 % Barometric Pressure: 101.04 kPa

Notes: _____

Date Signed: October 18, 2011 **Name:** Gloria Paul **Signature:** Gloria Paul

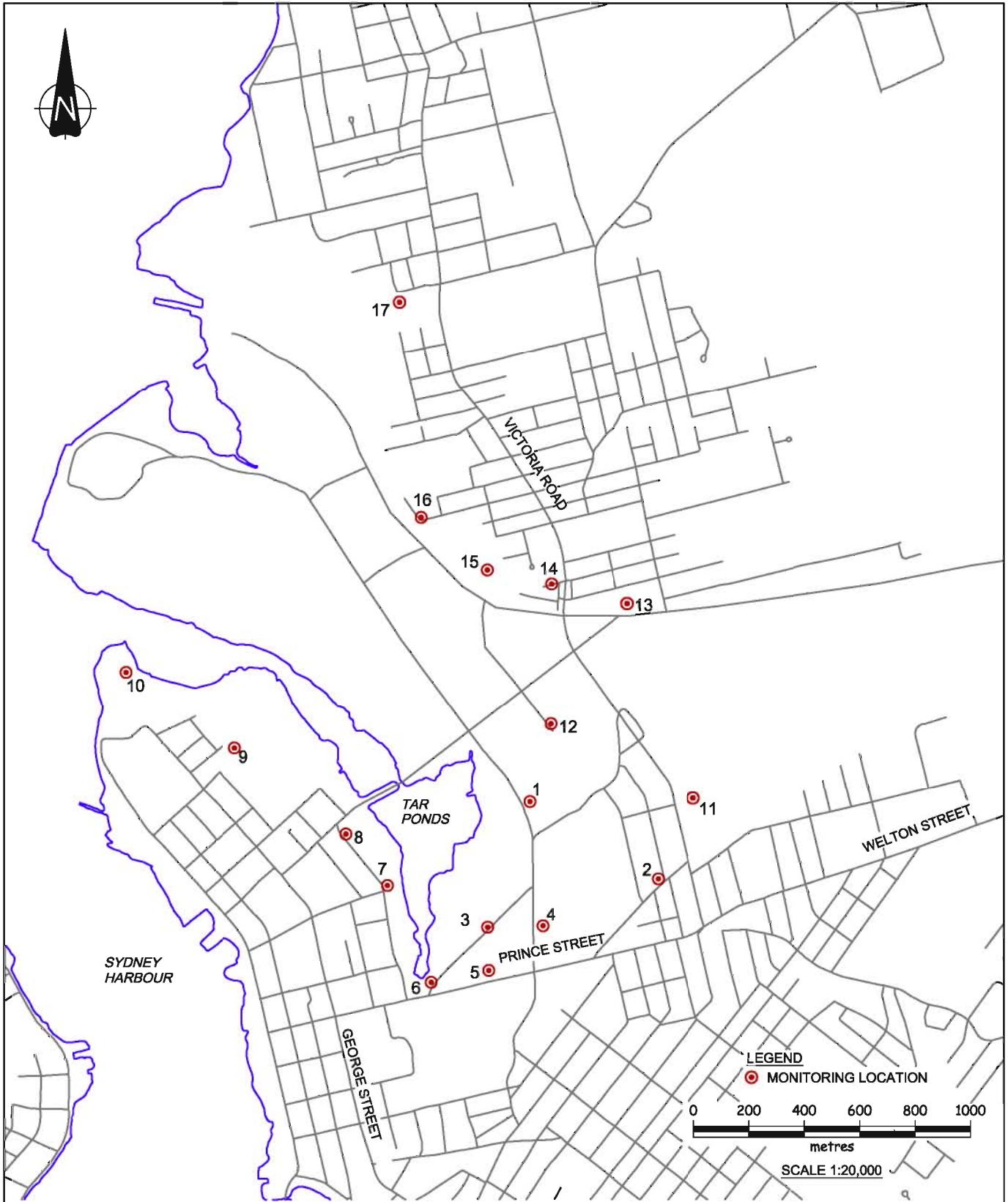


Figure 1

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



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

