



MEMORANDUM

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

From: Dawn MacNeil

Date: October 27, 2011

Subject: Odour Monitoring Daily Report; October 26, 2011

Weather Conditions	Mostly Cloudy
Precipitation	Rain
Wind Direction	North
Wind Speed	Strong winds (25 km/h or higher)
Temperature	5 °C - 8 °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 26, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:40	1								X		
6:48	2								X		
6:56	3								X		
7:04	4								X		
7:13	5								X		
7:21	6								X		
7:28	7							X		715, 706	Slight site/bio-solve odour
7:36	8								X		
7:44	9							X		715, 706	Slight site/bio-solve odour
7:54	10							X		514	WWTP
8:13	11								X		
8:22	12								X		
8:32	13								X		
8:41	14								X		
8:52	15								X		
9:00	16								X		
9:10	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: 87 %

Barometric Pressure: 99.15 kPa

Notes:

Date Signed: October 26, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: October 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:23	1								X		
9:33	2								X		
9:42	3								X		
9:57	4								X		
9:58	5								X		
10:07	6							X		515	Not site related (sewer odour)
10:15	7							X		715	Slight site/bio-solve odour
10:23	8							X		715	Slight site/bio-solve odour
10:35	9							X		715	Slight site/bio-solve odour
10:44	10							X		514	WWTP
10:58	11								X		
11:10	12								X		
11:19	13								X		
11:28	14								X		
11:36	15								X		
11:45	16								X		
11:54	17								X		

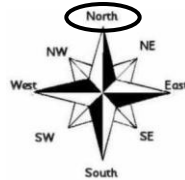
Weather Conditions

- 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: 99.15 kPa

Notes:

Date Signed: October 26, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:00	1								X		
1:08	2								X		
1:17	3							X		715	Slight site/bio-solve odour
1:25	4							X		715	Slight site/bio-solve odour
1:34	5							X		715	Slight site/bio-solve odour
1:43	6								X		
1:51	7							X		715	Slight site/bio-solve odour
1:58	8							X		715	Slight site/bio-solve odour
2:07	9								X		
2:17	10							X		514	WWTP
2:32	11								X		
2:45	12								X		
2:53	13								X		
3:02	14								X		
3:11	15								X		
3:20	16								X		
3:30	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: 76 %

Barometric Pressure: 99.15 kPa

Notes:

Date Signed: October 26, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 26, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:49	1								X		
3:59	2								X		
4:08	3							X		715	Slight site/bio-solve odour
4:16	4								X		
4:24	5							X		715	Slight site/bio-solve odour
4:34	6								X		
4:42	7							X		715	Slight site/bio-solve odour
4:50	8							X		715	Slight site/bio-solve odour
4:58	9								X		

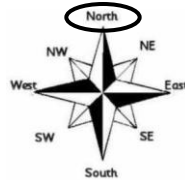
Weather Conditions

- 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: 76 % Barometric Pressure: 99.17 kPa

Notes: _____

Date Signed: October 26, 2011 Name: Gloria Paul Signature: *Gloria Paul*

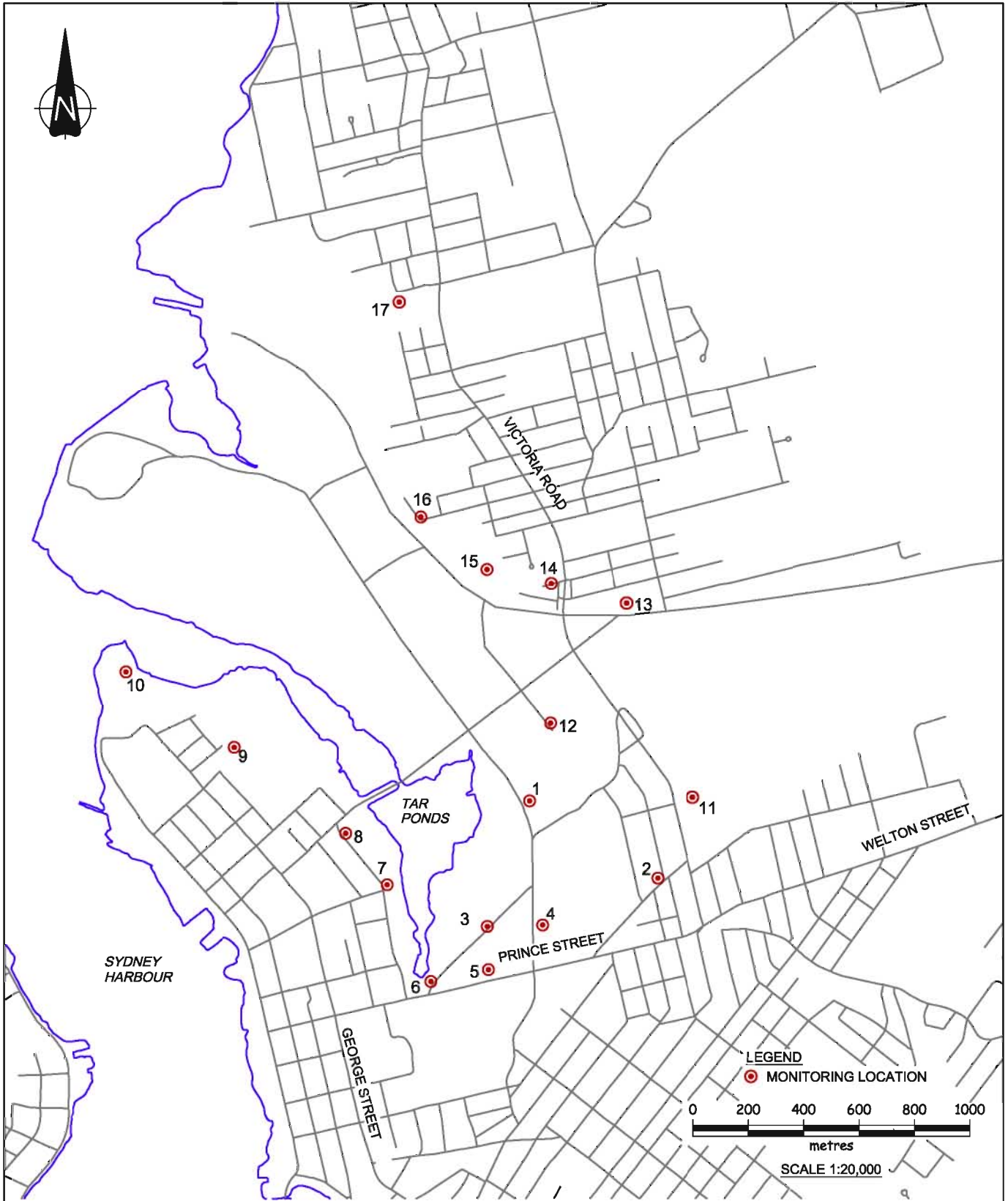


Figure 1

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

