



MEMORANDUM

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

From: Dawn MacNeil

Date: October 20, 2011

Subject: Odour Monitoring Daily Report; October 19, 2011

Weather Conditions	Partly Cloudy
Precipitation	None
Wind Direction	South/Southwest
Wind Speed	Moderate between 8 - 25 km/h
Temperature	8°C - 15°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 October 19, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:37	1								X		
6:47	2								X		
6:56	3								X		
7:04	4								X		
7:13	5								X		
7:23	6								X		
7:31	7								X		
7:40	8								X		
7:48	9								X		
7:58	10								X		
8:13	11								X		
8:25	12								X		
8:35	13								X		
8:45	14								X		
8:53	15								X		
9:02	16								X		
9:17	17								X		

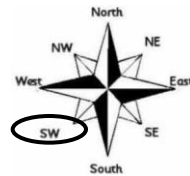
Weather Conditions

- 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: 101.62 kPa

Notes:

Date Signed: October 19, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:32	1								X		
9:45	2								X		
9:54	3								X		
10:03	4								X		
10:11	5								X		
10:18	6								X		
10:25	7								X		
10:34	8								X		
10:43	9								X		
10:52	10								X		
11:08	11								X		
11:19	12								X		
11:29	13								X		
11:37	14								X		
11:45	15								X		
11:53	16								X		
1:05	17								X		

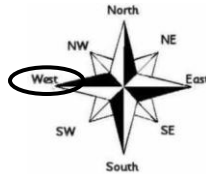
Weather Conditions

- 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: 10 °C Relative Humidity: 87 %

Barometric Pressure: 101.88 kPa

Notes:

Date Signed: October 19, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
1:44	1								X		
1:54	2								X		
2:03	3								X		
2:12	4								X		
2:21	5								X		
2:29	6								X		
2:37	7								X		
2:45	8								X		
2:54	9								X		
3:05	10							X		515	WWTP
3:20	11								X		
3:32	12								X		
3:41	13								X		
3:49	14								X		
3:57	15								X		
4:05	16								X		
4:18	17								X		

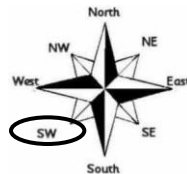
Weather Conditions

- 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: 14 °C Relative Humidity: 67 %

Barometric Pressure: 102.10 kPa

Notes:

Date Signed: October 19, 2011

Name: Gloria Paul

Signature: *Gloria Paul*



ODOUR MONITORING DATA SHEET

DATE: October 19, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
4:30	1								X		
4:39	2								X		
4:47	3								X		
4:54	4								X		

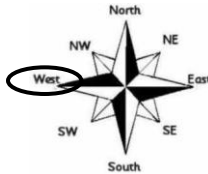
Weather Conditions

- 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: 15 °C Relative Humidity: 59 % Barometric Pressure: 102.20 kPa

Notes: _____

Date Signed: **October 19, 2011** Name: **Gloria Paul** Signature: *Gloria Paul*

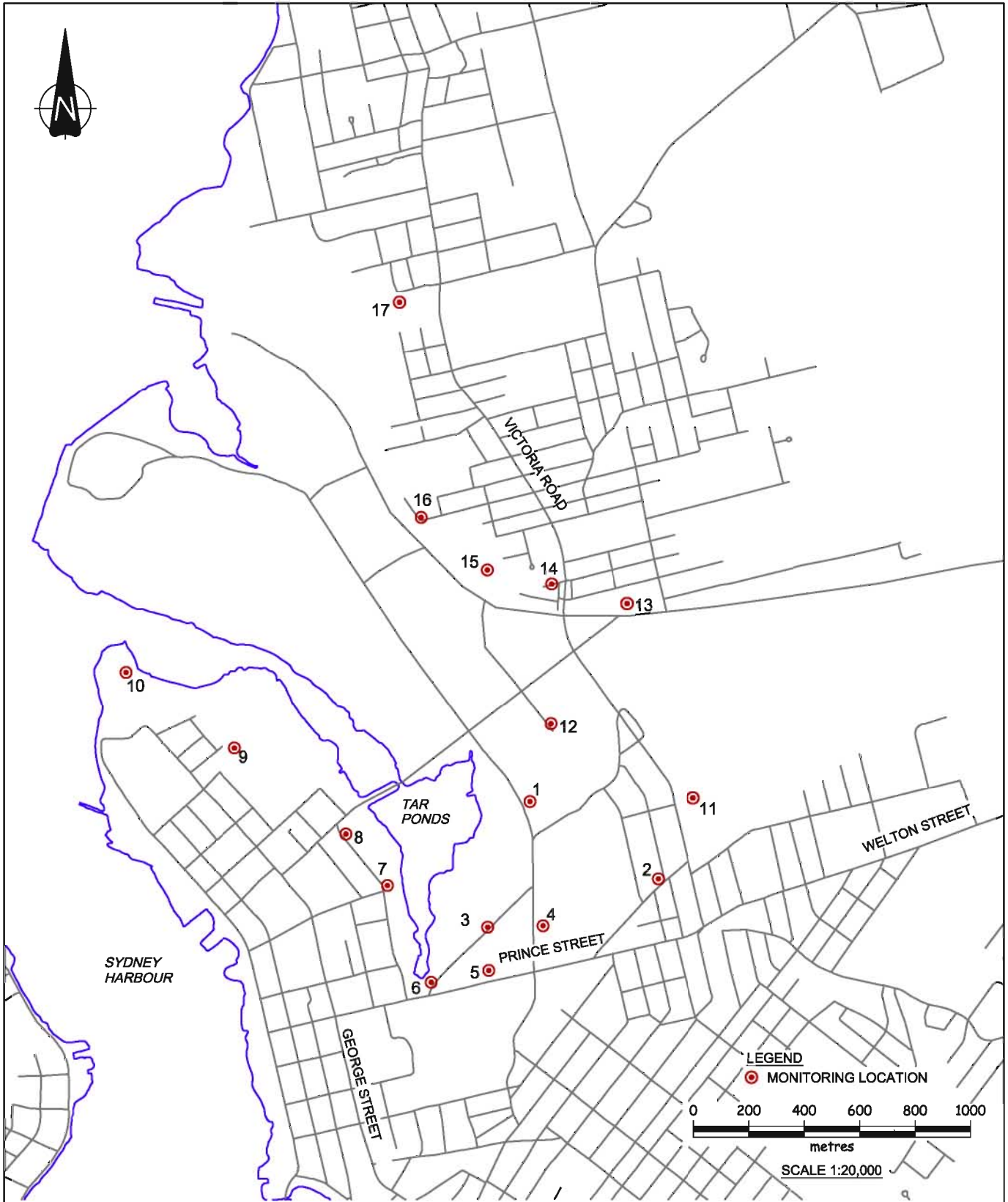


Figure 1

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

