



MEMORANDUM

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

From: Dawn MacNeil

Date: October 24, 2011

Subject: Odour Monitoring Daily Report; October 20, 2011

Weather Conditions	Overcast
Precipitation	Rain
Wind Direction	North/East
Wind Speed	Moderate between 8 - 25 km/h
Temperature	10 °C - 11 °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 20, 2011
- Monitoring circuit map
- Monitoring circuit locations
- Odour descriptor wheel



ODOUR MONITORING DATA SHEET

DATE: October 20, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
6:39	1								X		
6:49	2								X		
6:59	3								X		
7:08	4								X		
7:18	5								X		
7:27	6								X		
7:36	7								X		
7:44	8								X		
7:52	9								X		
8:02	10								X		
8:22	11								X		
8:31	12								X		
8:39	13								X		
8:47	14								X		
8:55	15								X		
9:03	16								X		
9:14	17								X		

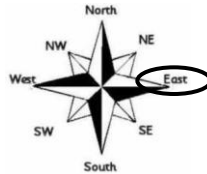
Weather Conditions

- 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: 94 %

Barometric Pressure: 101.88 kPa

Notes:

Date Signed: October 20, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 20, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
9:28	1								X		
9:36	2								X		
9:45	3								X		
9:54	4								X		
10:03	5								X		
10:13	6								X		
10:23	7								X		
10:31	8								X		
10:39	9								X		
10:47	10							X		715	Slight Bio-solve Odour
11:01	11								X		
11:11	12								X		
11:21	13								X		
11:29	14								X		
11:38	15								X		
11:46	16								X		
11:56	17								X		

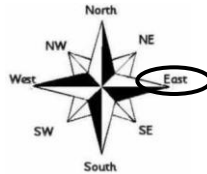
Weather Conditions

- 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: 10 °C Relative Humidity: 94 %

Barometric Pressure: 101.37 kPa

Notes:

Date Signed: October 20, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 20, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
12:56	1								X		
1:06	2								X		
1:14	3								X		
1:23	4								X		
1:31	5								X		
1:39	6							X		515	WWTP
1:48	7								X		
1:56	8								X		
2:07	9								X		
2:17	10							X		514	Not site related (sewer odour)
2:31	11								X		
2:42	12								X		
2:51	13								X		
2:58	14								X		
3:07	15								X		
3:16	16								X		
3:28	17								X		

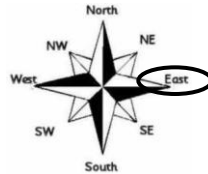
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- Partly Cloudy
- Mostly Cloudy
- Overcast
- Hazy

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: 11 °C Relative Humidity: 94 %

Barometric Pressure: 101.00 kPa

Notes:

Date Signed: October 20, 2011

Name: Gloria Paul

Signature:



ODOUR MONITORING DATA SHEET

DATE: October 20, 2011

TIME	LOCATION	60	30	15	7	4	2	<2	ND	DESCRIPTORS	COMMENTS
3:43	1								X		
4:05	2								X		
4:19	3								X		
4:22	4								X		
4:29	5								X		
4:38	6							X		715	Slight bio-solve odour
4:46	7								X		
4:55	8							X		715	Slight bio-solve odour

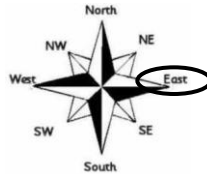
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- Strong Winds (25 km/h or higher)

Temperature: 11 °C Relative Humidity: 94 % Barometric Pressure: 101.00 kPa

Notes: _____

Date Signed: October 20, 2011 **Name:** Gloria Paul **Signature:** *Gloria Paul*

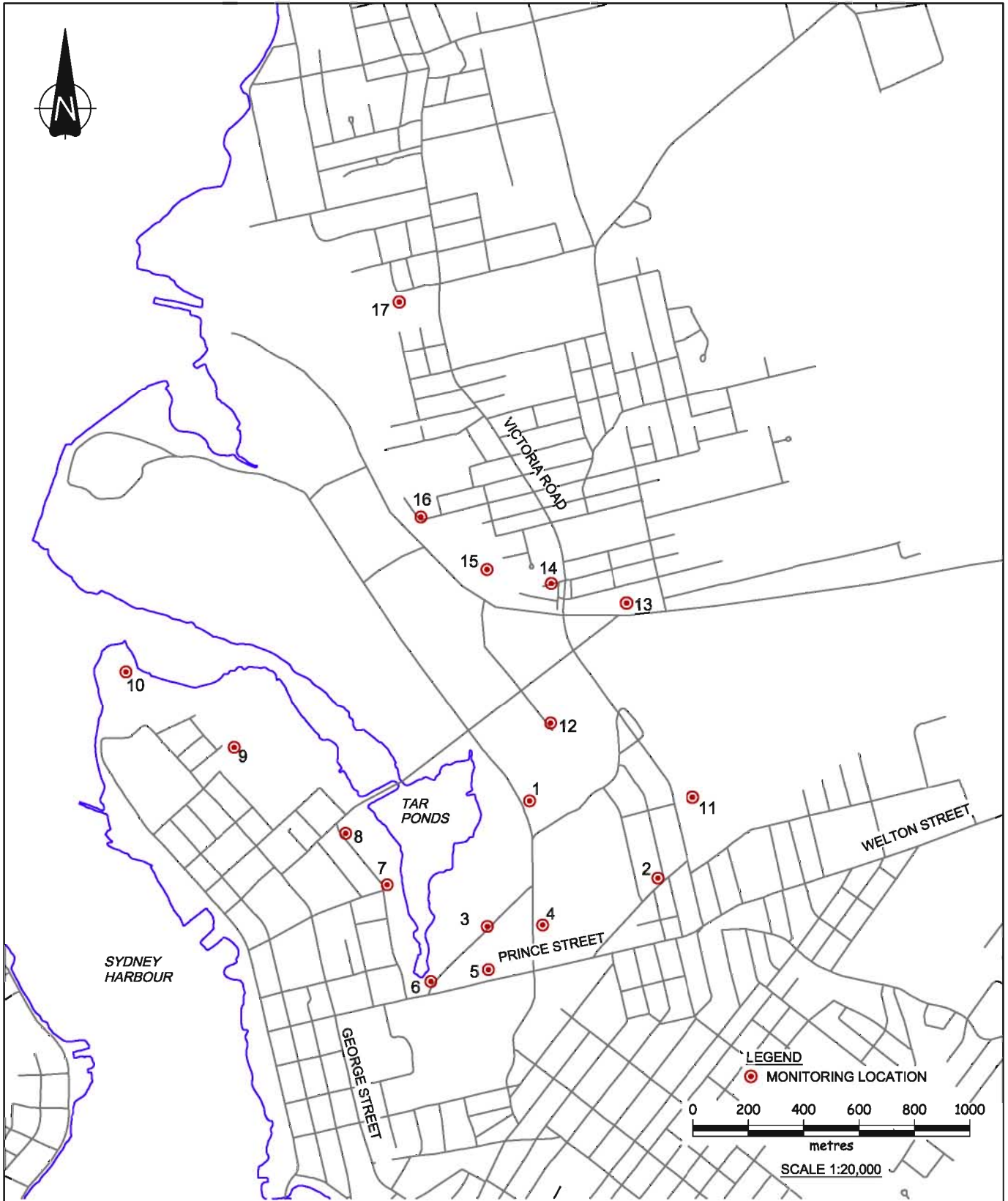


Figure 1

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

